

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, November 6, 2018 7:15:40 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Accepted: Case 21 sync (Conference Call)  
Attachments: meeting.ics (1.36 KB)



United States Department of Justice

*Special Counsel*

---

145 N Street Northeast  
Room 3E.803  
Washington, D.C. 20530

July 14, 2021

Via Email

Georgia Institute of Technology  
Georgia Tech Research Institute/Georgia Tech Research Corporations  
C/O  
Christian Fuller, Esq.

Re: Grand Jury Subpoena  
USAO # 2020R01428

To Whom It May Concern:

Pursuant to a criminal investigation being conducted by the U.S. Department of Justice, it is required that you furnish the requested records as described in the attached subpoena.

You may comply with this grand jury subpoena by providing the requested records on or before the date indicated in the subpoena. If you choose to provide the requested records voluntarily, please provide them in a non-proprietary electronic format via FedEx, UPS or DHL. Also enclosed please find a blank "Declaration of Custodian of Records" form. It may save time and costs if an appropriate person at your business could complete the form and return it with the records. A properly completed "Declaration of Custodian of Records" form will make it more likely that we could present the records at trial without requiring you or another employee to come to court and testify. If you would like to appear in lieu of solely providing the records, please contact the undersigned Assistant Special Counsel.

Although you are not required to do so, **you are requested not to disclose the existence of this subpoena or the fact of your compliance. Any such disclosure could impede the investigation being conducted and thereby interfere with the enforcement of the law.**



**UNITED STATES DISTRICT COURT**  
for the  
**District of Columbia**

**SUBPOENA TO TESTIFY BEFORE A GRAND JURY**

To: Georgia Institute of Technology/Georgia Tech Research Institute/Georgia Tech Research Corporations  
C/O Christian Fuller, Esq.

**YOU ARE COMMANDED** to appear in this United States district court at the time, date, and place shown below to testify before the court's grand jury. When you arrive, you must remain at the court until the judge or a court officer allows you to leave.

Place: U.S. DISTRICT COURT FOR THE DISTRICT OF COLUMBIA U.S. Courthouse, 3 <sup>rd</sup> Floor Grand Jury #21-02 333 Constitution Avenue, N.W. Washington, D.C. 20001	Date and Time: July 22, 2021 at 9:00 AM
--	--

You must also bring with you the following documents, electronically stored information, or objects:

PLEASE SEE ATTACHMENT

You may provide the results directly to the Special Counsel's Office. If you choose to do so, we request that you send the returns to **Jack Eckenrode**, [john.eckenrode@usdoj.gov](mailto:john.eckenrode@usdoj.gov), U.S. Department of Justice, 145 N Street, NE, Room 3E.803, Washington, DC 20530, by July 29, 2021. If, however, you wish to personally appear before the Grand Jury to provide the records, please contact the undersigned Assistant Special Counsel

Date: July 14, 2021

CLERK OF COURT

  
Signature of Clerk or Deputy Clerk

The name, address, telephone number and email of the Assistant Special Counsel, who requests this subpoena, are:

Andrew J. DeFilippis  
Assistant Special Counsel  
U.S. Department of Justice  
145 N Street, NE  
Room 3E.803  
Washington, DC 20530

USAO #2020R01428

Email: [andrew.defilippis@usdoj.gov](mailto:andrew.defilippis@usdoj.gov); Phone: (646) 530-0087

**BILL TO:** UNITED STATES ATTORNEY'S OFFICE - DISTRICT OF COLUMBIA  
 FINANCE SECTION, 555 4TH ST., N.W., WASHINGTON, D.C. 20530  
 202-252-1700

DCN (FINANCE use only) If blank please call 202-252-1700	C1
	LP

**ADVICE OF OBLIGATION / RECEIVING REPORT**

1. ASSISTANT SPECIAL COUNSEL <b>Andrew J. DeFilippis</b>	2. SUPPORT PERSON	3. REQUESTING DIV <b>CRIMINAL DIVISION</b>	4. TELEPHONE CONTACT <b>646-530-0087</b>	5. USAO NUMBER <b>2020R01428</b>	6. GJ DATE
7. CASE NAME	8. CASE NUMBER	9. ACCOUNT TYPE DIR <input type="radio"/> OCOETF <input type="radio"/> HCF <input type="radio"/> AF <input type="radio"/> ACE <input type="radio"/>			10. GJ NUMBER
11. ESTIMATED DELIVERY DATE <b>July 22, 2021</b>	12. EST. COST (If Over \$3,000, MUST be submitted in PROCUREMENT SECT.) <b>\$75.00</b>	13. VENDOR NAME <b>Georgia Institute of Technology/Georgia Tech Research Institute/Georgia Tech Research Corporations</b>		14. VENDOR TAX I.D.	

15. TYPE OF OBLIGATION

<input type="radio"/> TRANSCRIPT (Grand Jury) (2509)	<input type="radio"/> CONSULTANT (25LC)
<input type="radio"/> TRANSCRIPT (Court) (2510)	<input checked="" type="radio"/> LEGAL RESEARCH (2534)
<input type="radio"/> TRANSCRIPT (Deposition) (2508)	<input type="radio"/> LITIGATION GRAPHICS (2557)
<input type="radio"/> FILING (Copy Abstract of Title, Filing Document Required) (2501)	<input type="radio"/> OTHER (Specify below) (2598)
<input type="radio"/> STENOGRAPHY & INTERPRETER SERVICES (2502)	<input type="radio"/> CERTIFIED CONVICTION (2504)

16. TYPE OF TRANSCRIPT REQUESTED <input type="radio"/> REGULAR <input type="radio"/> INTERMEDIATE <input type="radio"/> DAILY (Approval Required)	<input type="radio"/> SPECIAL (Hourly - Approval Required) <input type="radio"/> EXPEDITE (Approval Required) <input type="radio"/> EXPRESS (Approval Required) (3 Days)	17. TRANSCRIPT TYPE <input type="radio"/> COPY <input type="radio"/> ORIGINAL <input type="radio"/> TAPE	18. TRANSCRIPT FORMAT <input type="radio"/> FULL PAGE <input type="radio"/> CONDENSED <input type="radio"/> ELECTRONIC
--	--	---	---

19. REQUESTED ITEM

20. SIGNATURE OF REQUESTOR	21. DATE	22. APPROVED BY (Must have OBD-234 on File)	23. DATE
Typed/Printed Name of Requestor		Typed/Printed Name of Approving Official	
24. FUNDS CERTIFICATION	25. DATE		

26. INVOICE

Number And Date Of Order	Date of Delivery or Service	Articles or Service(s)	Quantity	Unit Price		Amount
				Cost	Per	

Payee Signature: \_\_\_\_\_ Date: \_\_\_\_\_ \*No payments should be made unless expenses are itemized.

27. CERTIFICATION  
 I certify that these goods and/or services were received on \_\_\_\_\_ (date) and accepted on \_\_\_\_\_ (date). Oral purchase was authorized and no confirming order has been issued."

\_\_\_\_\_ SIGNATURE \_\_\_\_\_ DATE

Printed or Typed Name and Title: \_\_\_\_\_

# DECLARATION OF CUSTODIAN OF RECORDS

Pursuant to 28 U.S.C. §1746, I, the undersigned, hereby declare:

My name is \_\_\_\_\_.  
*(name of declarant)*

I am a United States citizen and I am over eighteen years of age. I am the custodian of records of the business named below, or I am otherwise qualified as a result of my position with the business named below to make this declaration. I have knowledge of the record keeping system used by this business; this includes how records are created and maintained.

I am in receipt of a United States District Court Subpoena dated July 14, 2021, signed by Assistant Special Counsel Andrew J. DeFilippis, requesting specified records of the business named below.

Attached hereto are \_\_\_\_\_ pages of records regarding \_\_\_\_\_  
*(Brief description of type of documents being subpoenaed)* responsive to the subpoena. I understand how these responsive documents were created. Pursuant to Rules 902(11) and 803(6) of the Federal Rules of Evidence, I hereby certify that the records attached hereto:

- (1) were made at or near the time of the occurrence of the matters set forth in the records, by, or from information transmitted by, a person with knowledge of those matters;
- (2) were kept in the course of regularly conducted business activity, in that the records were created and preserved pursuant to established procedures, and were relied upon by an employee or this business; and
- (3) were made as part of the regularly conducted business activity as a regular practice, in that the records were created and preserved as part of routine reflections of the normal operations of this business.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on \_\_\_\_\_.  
*(date)*

\_\_\_\_\_  
*(signature of declarant)*

\_\_\_\_\_  
*(name and title of declarant)*

\_\_\_\_\_  
*(name of business)*

\_\_\_\_\_  
*(business address)*

\_\_\_\_\_  
*(business address)*

Definitions of terms used above:

As defined in Fed.R.Evid. 803(6), "record" includes a memorandum, report, record, or data compilation, in any form, of acts, events, conditions, opinions, or diagnoses. The term "business" as used in Fed.R.Evid. 803(6) and the above declaration includes business, institution, association, profession, occupation, and calling of every kind, whether or not conducted for profit.

## ATTACHMENT

(Grand Jury Subpoena to Georgia Institute of Technology/Georgia Tech Research Institute/Georgia Tech Research Corporations dated July 14, 2021)

(A) For the period from January 1, 2016 to the present, provide all documents, records, communications, and information that (i) are maintained on or within any Georgia Institute of Technology/Georgia Research Institute/Georgia Tech Research Corporation systems, facilities, or properties, (ii) are accessible by or within the possession, custody, control, of David Dagon AND (iii) concern, involve, relate to, or reflect:

(1) allegations (including supporting data) of a purported secret communications channel between the Trump Organization, Spectrum Health, and the Russian Bank Alfa Bank;

(2) allegations (including supporting data) of the purported presence or use of Russian-made Yotaphones by or in the vicinity of Donald Trump or individuals affiliated with Donald Trump;

(B) For the period January 1, 2016 to the present, all documents, records, and information reflecting to work, communications, or activities (including work, communications, or activities conducted under or pursuant to contracts with the Defense Advanced Research Projects Agency, *i.e.*, DARPA) conducted at or by the Georgia Institute of Technology, Georgia Tech Research Institute, and/or Georgia Tech Research Corporations relating to or involving the subject matters set forth in Items (A)(1) and (A)(2) above. (NOTE: The deadline for production of records pursuant to Item (B) only is August 2, 2021)

**\*\*For any privileged records/communications falling within the subject matters set forth in this subpoena, please provide a privilege log by the return date. The privilege log should contain, for each record or communication, the date, time, sender(s), recipient(s), and copied parties of the record/communication; a description of the general subject matter(s) of the record/communication; and the particular privilege being invoked.\*\***

**You are requested not to disclose the existence of this subpoena or the fact of your compliance with it to anyone.** Any such disclosure on your part could impede the investigation being conducted and thereby interfere with the enforcement of the law. **If you do intend to disclose to anyone of the existence of this subpoena or your compliance, please notify the government in the first instance.**

## **INSTRUCTIONS FOR PRODUCTION OF RECORDS**

### **I. General:**

- a. Records existing as **Electronically Stored Information (ESI)** shall be produced in **non-proprietary electronic form** and shall include text data and image data held:
  - i. In your record retention systems; and/or
  - ii. By your technology, data, or other service provider(s).

- b. Records that do not exist as ESI may be produced in paper or other original format and may be converted to image or text data and provided as ESI, unless originals are required.

**II. Text Data**

- a. Text data relating to transactions shall be produced within a data file:
  - i. Using a delimited ASCII text data format; or
  - ii. Using software that can export to a commonly readable, non-proprietary file format without loss of data.
- b. Text data files relating to transactions shall include field descriptions (e.g., account number, date/time, description, payee/payor, check number, item identifier, and amount).

**III. Image Data**

- a. Image data shall be produced in graphic data files in a commonly readable, non-proprietary format with the highest image quality maintained.
- b. Image data of items associated with transactions (e.g., checks and deposit slips) shall be:
  - i. Produced in individual graphic data files with any associated endorsements; and
  - ii. Linked to corresponding text data by a unique identifier.

**IV. Encryption/Authentication**

- a. ESI may be transmitted in an encrypted container (*e.g. flash drive, CD/DVD*). Decryption keys and/or passwords shall be produced separately at the time the data are produced. *Please do not encrypt individual file contents if the container is encrypted.*
- b. Authentication, such as hash coding, may be set by agreement.
- c. Affidavits or certificates of authenticity may be included as part of the electronic production.



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, April 30, 2018 5:05:23 PM  
To: Livingood, Jason <Jason\_Livingood@comcast.com>; Hook, Lisa <lisa.hook@team.neustar>; Matt.Carothers@cox.com  
CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: DARPA D60 event

Many thanks Angele!

Jason, Matt and Lisa. Please see inline message from Angelos. If you want to attend the (invitation only) DARPA D60 event (<https://www.darpa.mil/about-us/d60-about>), please go ahead and register.

This is a way for Angelos (and DARPA) to show you their appreciation for helping GT out in our research, I suspect. :)

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent: Monday, April 30, 2018 11:49 AM  
To: Antonakakis, Manos  
Subject: Comcast, Cox, and Neustar

I don't have their contact info, so please pass along my invitation to the DARPA 60th anniversary celebration in early September. They should register ASAP at:

<https://www.darpa.mil/about-us/d60-about>

If they need to list a sponsor, use me.  
-Angelos



**From:** Joffe, Rodney<Rodney.Joffe@team.neustar>  
**Sent on:** Monday, February 18, 2019 12:39:37 AM  
**To:** Gottdiener, Charlie<Charles.Gottdiener@team.neustar>; Mike Mullen<mike.mullen@mgmconsulting.net>; Achanta, Venkat<Venkat.Achanta@team.neustar>; Antonakakis, Manos<manos@gatech.edu>; angelos@gatech.edu  
**Subject:** Confirmed: GA Tech/Neustar Briefing/Presentation/Discussion  
**Attachments:** meeting.ics (2.4 KB)

When: Wednesday, March 27, 2019 2:15 PM-6:00 PM. (UTC-05:00) Eastern Time (US & Canada)  
Where: Klaus Advanced Computing Building, Georgia Institute of Technology, 266 Ferst Drive, Atlanta, GA 30332

\*~\*~\*~\*~\*~\*~\*~\*~\*~\*

Briefing by Dr Manos Antonakakis and Dr. Angelos Keromytis, Directors of Astrolavos Lab, GA Tech

**From:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**Sent on:** Monday, April 30, 2018 3:49:12 PM  
**To:** Manos Antonakakis<manos@gatech.edu>  
**Signed by:** KEROMYTIS.ANGELOS.D.1501999799 on Monday, April 30, 2018 3:49:12 PM  
**Subject:** Comcast, Cox, and Lisa (Neustar)  
**Attachments:** Nameless.txt (260 Bytes)

I don't have their contact info, so please pass along my invitation to the DARPA 60th anniversary celebration in early September. They should register ASAP at:

<https://www.darpa.mil/about-us/d60-about>

If they need to list a sponsor, use me.

-Angelos

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Thursday, December 20, 2018 7:23:32 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Subject: Automatic reply: Case 30 (HSBC) and wannacry

My tour at DARPA ended on 20 December, 2018. For matters relating to programs I previously managed, please contact the following SETAs:

- AA, WASH: Susan Kloss (susan.kloss.ctr@darpa.mil<<mailto:susan.kloss.ctr@darpa.mil>>)
- ACD, ADAMS: Dan Adams (daniel.adams.ctr@darpa.mil<<mailto:daniel.adams.ctr@darpa.mil>>)
- EA: Chris Schneck (christopher.schneck@darpa.mil<<mailto:christopher.schneck@darpa.mil>>)
- HACCS: Alison Kline (alison.kline.ctr@darpa.mil<<mailto:alison.kline.ctr@darpa.mil>>)
- TC, LADS: Mary Denz (mary.denz.ctr@darpa.mil<<mailto:mary.denz.ctr@darpa.mil>>)

For non-DARPA matters, you may contact me at [angelos@gatech.edu](mailto:angelos@gatech.edu) <<mailto:angelos@gatech.edu>>

**From:** L Jean Camp [REDACTED]  
**Sent on:** Monday, June 28, 2021 9:25:49 PM  
**To:** Peter Swire<info@futureofprivacy.org>; Annie I. Anton<aa16@gatech.edu>  
**Subject:** arrrgh! A day late!

I understood the Chair position for Cybersecurity and Privacy to be open to submissions until June 30.

I went to complete my application today, the 28th, after proof reading and refining my documents.

However, it did not allow me to submit the documents.

I of course realize that you have many highly competent applicants, but would like the opportunity to apply.

Thank you for your time, trouble, and consideration.

Yesterday night I almost submitted but wanted to read over every document one more time.

I realize you may have other amazing applicants, in fact, given the opportunity I expect you do.

However, I would appreciate it if you would consider my slightly delayed application.

Regardless of the answer, I hope you know I do now and will always hold in highest esteem and affection.

And I hope that I have not burned any bridges with this request. I spent too much time fretting about not submitting typos.

Thank you so very much.

--

Prof. L. Jean Camp  
<http://www.ljean.com>

Research Gate:[https://www.researchgate.net/profile/L\\_Camp](https://www.researchgate.net/profile/L_Camp)  
DBLP:<http://dblp.uni-trier.de/pers/hd/c/Camp:L=Jean>  
SSRN:[https://papers.ssrn.com/sol3/cf\\_dev/AbsByAuth.cfm?per\\_id=262477](https://papers.ssrn.com/sol3/cf_dev/AbsByAuth.cfm?per_id=262477)  
Scholar:<https://scholar.google.com/citations?user=wJPGa2IAAAAJ>

Make a Difference  
<http://www.ieeeusa.org/policy/govfel/conqfel.asp>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Thursday, January 4, 2018 8:49:31 PM  
To: [REDACTED]; manos@gatech.edu  
CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
Subject: also

<https://carnegieendowment.org/2018/01/04/iran-s-cyber-threat-espionage-sabotage-and-revenges-pub-75134>

**From:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**Sent on:** Thursday, November 2, 2017 5:49:01 PM  
**To:** manos@gatech.edu; [REDACTED]  
**CC:** Patel, Tejas (contr-i2o)<tejas.patel.ctr@darpa.mil>  
**Signed by:** KEROMYTIS.ANGELOS.D.1501999799 on Thursday, November 2, 2017 5:49:00 PM  
**Subject:** also of interest  
**Attachments:** Nameless.txt (113 Bytes)

<https://www.apnews.com/3bca5267d4544508bb523fa0db462cb2>



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, June 28, 2018 3:06:49 AM  
To: Joffe, Rodney <Rodney.Joffe@team.neustar>  
Subject: Declined: Placeholder, Meeting and Dinner with Lisa Hook and Manos Antonokakis  
Attachments: meeting.ics (1.4 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Monday, August 7, 2017 3:14:21 PM

To: Mike F [REDACTED]; Patel, Tejas H CTR (US) <tejas.patel.ctr@darpa.mil>; Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>

Subject: Data from Daniel

Gents, on the GT server you all have access, under [REDACTED], you can find the data that Daniel gave to us.

Thanks,

—

Manos Antonakakis | manos@gatech.edu

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Saturday, November 3, 2018 2:44:27 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Smith, Jonathan <Jonathan.smith@darpa.mil>  
Subject: A few thoughts

Gentlemen,

Given the success we had so far on modeling the first four TTPs, we can now see a clear path on how we can fine tune these TTPs in the Pythia oracle. Those TTPs clearly work for groups like EG, out of RU, IR and SA. Maybe more, but these are the ones we have hard data for.

In the last site review meeting we set as goals two things: 1) transition of the Oracle (ActiveDNS mode) to TA2 performers and potential technology transition partners, and 2) the implementation of the remaining 8 TTPs.

The first of these two goals has been achieved. Kudu, Jim, and the AFOSI folks have access to Pythia. The next thing on my queue is to implement some of the remaining TTPs.

After the 4 new case studies in the last month alone (2 from the FBI at Huntsville, DHS and Cyber-command), while people are interested in our attribution results, they are (cynically) using them as a remediation/incident response signal. To that end, I thought it would be best for me to spend a few months building a new classification system that could differentiate between "different modes" that the domains are in. That is, once a domain is identified being part of an APT group, I would like to be able to have (at the very least) a Social Engineering vs. C&C vs. Both set of scores assigned to it.

Have done something similar in the past for malware domains (Kopis paper: <http://tinyurl.com/usenixsec11-kopis>). The concept could remain somewhat similar, but the code base will have to be rewritten from scratch due to the size and type of our data. The benefit for the program will be huge, IMHO. The reason I think it will be huge is because we have seen to date that there is one thing we can always rely upon: The target networks. If we build such a classification system, I think, given a small set of interesting targets we will very easily find the rest (these will be the networks that systematically are looking up these interesting domains).

Most importantly, this will be a major and fundamental breakthrough on the way we approach the IoC discovery problem. To date, we are waiting for a report to come out or simply declassified IoCs from the high side. Neither of the two can be automated. Instead, if we focus on the target networks (domestic or foreign), we could achieve the systematic retrieval of reliable pools of new IoCs extracted daily from the raw datasets. These new (unknown) IoCs will allow us to start enriching clusters of interesting activity in Pythia, which could reflect bran new operations from unknown actors coming into play.

Obviously, the implementation of such a classification system will only yield more actionable intelligence to our technology transition partners, which can only be good for the program.

So, what do you think is the best thing to do for the program? Continue the development of the remaining TTPs or try to build a tailored classification system in Kopis' spirit?

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Sunday, September 9, 2018 3:22:18 AM  
To: Smith, Jonathan <jonathan.smith@darpa.mil>; Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>  
Subject: Current mode  
Attachments: current\_mode.png (15.65 KB)

Gents, expect something truly amazing soon. You might not need me anymore for EA.

You will just need data.

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Angelos Keromytis <akeromytis@me.com>  
Sent on: Monday, April 30, 2018 12:11:08 AM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: Btw

How did you configure your iPhone to send as manos@gatech.edu?

From: Angelos D. Keromytis <angelos@keromytis.com>  
Sent on: Tuesday, February 27, 2018 12:59:45 PM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: btw

I won't have PGP access for the next 2 weeks.

From: Angelos D. Keromytis <angelos@keromytis.com>  
Sent on: Saturday, April 28, 2018 6:35:00 PM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: btw...

How do I ask for angelos@gatech.edu (assuming it's not taken)?

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Friday, March 2, 2018 7:29:56 PM

To: manos@gatech.edu

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Friday, March 2, 2018 7:29:55 PM

Subject: Background material

Attachments: Nameless.txt (75 Bytes)



From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Tuesday, November 27, 2018 5:50:03 PM

To: Antonakakis, Manos <manos@gatech.edu>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, November 27, 2018 5:49:58 PM

Subject: Apple Watch

Attachments: Nameless.txt (130 Bytes)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Thursday, November 2, 2017 4:13:51 PM

To: manos@gatech.edu

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Thursday, November 2, 2017 4:13:51 PM

Subject: also on case 2

Attachments: Nameless.txt (96 Bytes)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, December 18, 2017 8:51:01 PM  
To: Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>; Patel, Tejas H CTR (US) <tejas.patel.ctr@darpa.mil>  
Subject: ActiveDNS API ready

Gents, Panos managed to put all (~3 years) the ActiveDNS data in memory using ~400GB. This allows users to get results back in O(1) complexity. It takes the cluster 3 hours every day to refresh the API tables to expose new data. So you need a box with 1TB of RAM for the API if you do not want to endure any downtime. Such a box costs ~\$50K and about about to order a second, in which I will place all the other proprietary DNS data we have. :)

We plan to expose the ActiveDNS API to the EA teams soon as a REST API that will be based on network IP ACL. This will eliminate the need to hit our cluster for most of the operations they need to conduct via DNS.

This is a heads up.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, November 29, 2017 4:48:20 PM  
To: Patel, Tejas H CTR (US) <tejas.patel.ctr@darpa.mil>; Maddern, Thomas (contr-i2o) <Thomas.Maddern.ctr@darpa.mil>  
CC: Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>  
Subject: Active DNS Setup Demo

Gents, I just sent you a 2 minutes clip of the ActiveDNS setup demo. If I cannot use my own hardware, it would be great to have this clip on the same computer as the slide deck. We will also put it on the website for the performers to view after the presentation.

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, September 26, 2017 10:01:24 PM  
To: Angelos D. Keromytis [REDACTED]  
Subject: ack - gt

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, July 25, 2018 5:35:04 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Accepted: Sync with Brandon Johns @ GT  
Attachments: meeting.ics (1.4 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, November 13, 2017 4:09:16 PM  
To: Paul Vixie <vixie@fsi.io>  
Subject: Accepted: manos and paul  
Attachments: meeting.ics (1.38 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, September 27, 2018 1:53:44 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Accepted: HOLD for USCC CNMF Case Study presentation  
Attachments: meeting.ics (1.41 KB)



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, September 20, 2018 7:20:53 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Accepted: GT EA Site visit  
Attachments: meeting.ics (1.4 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, November 6, 2018 1:01:13 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Accepted: Follow up with DHS (Conference Call)  
Attachments: meeting.ics (1.37 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, November 6, 2018 1:49:52 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Accepted: FBI Huntsville Follow up (Conference Call)  
Attachments: meeting.ics (1.38 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, February 18, 2019 2:17:23 AM  
To: Joffe, Rodney <Rodney.Joffe@team.neustar>  
Subject: Accepted: Dinner, Kyma Greek Restaurant  
Attachments: meeting.ics (1.39 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, February 18, 2019 2:17:24 AM  
To: Joffe, Rodney <Rodney.Joffe@team.neustar>  
Subject: Accepted: Confirmed: GA Tech/Neustar Briefing/Presentation/Discussion  
Attachments: meeting.ics (1.49 KB)

**From:** Aldenberg, William B. (NH) (FBI)<wbaldenberg@fbi.gov>  
**Sent on:** Friday, February 12, 2021 12:15:07 AM  
**To:** Keromytis, Angelos D<angelos@gatech.edu>; Aldenberg, William (JMD)<William.Aldenberg@usdoj.gov>; DeFilippis, Andrew (JMD)<Andrew.DeFilippis2@usdoj.gov>  
**Subject:** [EXTERNAL EMAIL] - Re: Interview with Angelos Keromytis

Angelos

Thank you for the information and taking the time to speak with us today.

Bill

-

On Feb 11, 2021 3:41 PM, "Keromytis, Angelos D" <angelos@gatech.edu> wrote:  
In case these help, since you asked related questions:

- First time I met Dave Dagon (that I have a record for) is on November 2015, at DARPA. Probably some emails prior/leading up to that, as I was doing the planning for the EA program (what datasets exist, what is technical possible/plausible, etc.)
- First time I met Rodney Joffe (again, that I have a record for) is on April 2016; intent was to find out about what data Neustar has/had that might be helpful to the program. Had a couple of follow-ons (not sure if meetings or phone calls) in June.
- First discussion with FBI (NCIJTF) about EA around February 2016. (We had prior interactions, going back to March 2015, about a different program.)
- First discussion with NSD/DoJ about EA ~December 2015 (although maybe also October 2015).

(These are from my calendar, so I have limited context.)

-Angelos

> On Feb 10, 2021, at 8:15 PM, Aldenberg, William (JMD) <William.Aldenberg@usdoj.gov> wrote:

>

> Angelos

>

> The meeting info is below.

>

> Thank you

>

> Bill

>

> Sent from my iPhone

>

> Begin forwarded message:

>

>> From: "Arsenault, Kori (USACT)" <karsenault@usa.doj.gov>

>> Date: February 10, 2021 at 6:30:47 PM EST

>> To: "Aldenberg, William (JMD)" <waldenberg@jmd.usdoj.gov>

>> Subject: Interview with Angelos Keromytis

>>

**From:** Aldenberg, William B. (NH) (FBI)<wbaldenberg@fbi.gov>  
**Sent on:** Friday, February 12, 2021 12:15:07 AM  
**To:** Keromytis, Angelos D<angelos@gatech.edu>; Aldenberg, William (JMD)<William.Aldenberg@usdoj.gov>; DeFilippis, Andrew (JMD)<Andrew.DeFilippis2@usdoj.gov>  
**Subject:** [EXTERNAL EMAIL] - Re: Interview with Angelos Keromytis

Angelos

Thank you for the information and taking the time to speak with us today.

Bill

-

On Feb 11, 2021 3:41 PM, "Keromytis, Angelos D" <angelos@gatech.edu> wrote:  
In case these help, since you asked related questions:

- First time I met Dave Dagon (that I have a record for) is on November 2015, at DARPA. Probably some emails prior/leading up to that, as I was doing the planning for the EA program (what datasets exist, what is technical possible/plausible, etc.)

- First time I met Rodney Joffe (again, that I have a record for) is on April 2016; intent was to find out about what data Neustar has/had that might be helpful to the program. Had a couple of follow-ons (not sure if meetings or phone calls) in June.

- First discussion with FBI (NCIJTF) about EA around February 2016. (We had prior interactions, going back to March 2015, about a different program.)

- First discussion with NSD/DoJ about EA ~December 2015 (although maybe also October 2015).

(These are from my calendar, so I have limited context.)

-Angelos

> On Feb 10, 2021, at 8:15 PM, Aldenberg, William (JMD) <William.Aldenberg@usdoj.gov> wrote:

>

> Angelos

>

> The meeting info is below.

>

> Thank you

>

> Bill

>

> Sent from my iPhone

>

> Begin forwarded message:

>

>> From: "Arsenault, Kori (USACT)" <karsenault@usa.doj.gov>

>> Date: February 10, 2021 at 6:30:47 PM EST

>> To: "Aldenberg, William (JMD)" <waldenberg@jmd.usdoj.gov>

>> Subject: Interview with Angelos Keromytis

>>

>>  
>> -- Do not delete or change any of the following text. --  
>>  
>> When it's time, join your Webex meeting here.  
>>  
>>  
>> Join meeting <<https://usao.webex.com/usao/j.php?MTID=m55b5d90407dcc738475e7b0f93cb1a7>>  
>>  
>> More ways to join:  
>>  
>> Join from the meeting link  
>> <https://usao.webex.com/usao/j.php?MTID=m55b5d90407dcc738475e7b0f93cb1a7>  
>>  
>>  
>> Join by meeting number  
>> Meeting number (access code): 199 859 3736  
>> Meeting password: UqVshRcp362  
>>  
>> Tap to join from a mobile device (attendees only)  
>> +1-929-251-9612,,1998593736##<tel:%2B1-929-251-9612,,\*01\*1998593736%23%23\*01\*> USA Toll 2  
>> +1-415-527-5035,,1998593736##<tel:%2B1-415-527-5035,,\*01\*1998593736%23%23\*01\*> US Toll  
>>  
>> Join by phone  
>> +1-929-251-9612 USA Toll 2  
>> +1-415-527-5035 US Toll  
>> Global call-in numbers <  
<https://usao.webex.com/usao/globalcallin.php?MTID=m21b20fbab4af75f730b728900d31a653>>  
>>  
>> Join from a video system or application  
>> Dial 1998593736@usao.webex.com<sip:1998593736@usao.webex.com>  
>> You can also dial 207.182.190.20 and enter your meeting number.  
>>  
>>  
>> Join using Microsoft Lync or Microsoft Skype for Business  
>> Dial 1998593736.usao@lync.webex.com<sip:1998593736.usao@lync.webex.com>  
>>  
>>  
>> If you are a host, click here <  
<https://usao.webex.com/usao/j.php?MTID=mf804e11bfbb9d451c23297eca1e87ab2>> to view host information.  
>>  
>>  
>> Need help? Go to <https://help.webex.com>  
>>  
>>  
>>



**From:** Mitchell, Michael F<fvirgil6@gatech.edu> on behalf of Mitchell, Michael F  
**Sent on:** Thursday, February 11, 2021 10:05:24 PM  
**To:** Joffe, Rodney<Rodney.Joffe@team.neustar>  
**CC:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Data subscription extension

Good Afternoon Rodney,

I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

Thanks,

***Michael Mitchell***

Research Operations Program Manager

**GEORGIA Institute**

**of TECHNOLOGY**

School of Electrical and Computer Engineering

777 Atlantic Drive NW

Atlanta, GA 30332-0765

Office: 404-385-8122

Mobile: 770-655-8039

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Tuesday, May 4, 2021 8:02:33 PM  
**To:** Beyah, Raheem A<rbeyah@coe.gatech.edu>  
**BCC:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** FW: [ece\_faculty] 2021-22 Promotion and Tenure cases  
**Attachments:** ManosAntonakakis\_cv\_040221.pdf (161.55 KB)

Hey Raheem, this is fairly up-to-date, and it does reflect my latest teaching activities and students I have graduated. Unless there is a different format (with different kind of information fields in it) you need my information in, I would consider this as my more up-to-date CV.

Thanks, Manos

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Date:** Friday, April 2, 2021 at 2:23 PM  
**To:** Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>, Blough, Douglas M <doug.blough@ece.gatech.edu>  
**Cc:** Beyah, Raheem A <rbeyah@coe.gatech.edu>  
**Subject:** Re: [ece\_faculty] 2021-22 Promotion and Tenure cases

Thanks for the feedback, guys. Attached please find a semi-up-to-date CV.

The only reason I asked is because people (within and outside GT) after my tenure case told to not wait for long until I go up for full. If my memory serves me right, one of these people was Raheem as well.

In any case, let me know if I should wait or not. Happy to bring you offers (for full professor position with endowed Chair) from other places if that helps the process out.

Thanks, Manos

---

**From:** Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>  
**Date:** Friday, April 2, 2021 at 12:49 PM  
**To:** Blough, Douglas M <doug.blough@ece.gatech.edu>, Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: [ece\_faculty] 2021-22 Promotion and Tenure cases

Yup. I agree that Year 3 is pretty much a no-go. Year 4 is rare but not unheard of. Do you have a recent version of your cv so we can take a quick look and see if there are potential soft spots that you should tend to for this to be feasible?

/ Magnus

---

Magnus Egerstedt, Ph.D.  
Steve W. Chaddick School Chair and Professor  
School of Electrical and Computer Engineering  
Georgia Institute of Technology

Georgia Tech ECE: Dreaming, Designing, and Getting it Done!

On 4/2/21, 10:57 AM, "Blough, Douglas M" <doug.blough@ece.gatech.edu> wrote:

Hi Manos,

The standard time for promotion is after 6 years in rank, just like from Assistant to Associate. Since you'd be in your 3rd year as Associate next year, it would be considered 3 years early. The College of Engineering has told us very clearly to not bring any 3-year-early full promotion cases forward. Let's revisit next year.

Magnus: Any additional thoughts?

Doug

On 4/2/21 10:32 AM, Antonakakis, Manos wrote:

> Hey Doug and Magnus,  
>  
> Should I apply for full or should I wait? I am in no real rush, just  
> asking because I honestly do not know when the time is right to go up  
> for full.

>  
> Thanks, Manos  
>  
> \*From: \*ece\_faculty-request@lists.gatech.edu  
> <ece\_faculty-request@lists.gatech.edu> on behalf of Doug Blough  
> <doug.blough@ece.gatech.edu>  
> \*Date: \*Monday, March 29, 2021 at 1:48 PM  
> \*To: \*ece\_faculty@ece.gatech.edu <ece\_faculty@ece.gatech.edu>  
> \*Cc: \*Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>  
> \*Subject: \*[ece\_faculty] 2021-22 Promotion and Tenure cases

> Dear Colleagues,

>  
> We are preparing for this coming year's RPT cycle and the  
> deadlines for submitting paperwork have been distributed by  
> CoE.

>  
> To comply with Institute deadlines, we need to know by April 16  
> if you are planning to apply for tenure and/or promotion in the  
> coming cycle. First drafts of tenure/promotion packages will be  
> due in early May and final packages will be due around the third  
> week of May.

>  
> Faculty members with questions about whether or not to pursue  
> promotion and/or tenure should consult with both Magnus Egerstedt  
> and me.

>  
> Please notify Magnus and me of your intention to apply by April 16.  
> This is a hard deadline.

>  
> Thank you,

>  
> Doug Blough  
> ECE Associate Chair for Faculty Development

>

**From:** Rodney Joffe<rodney.joffe@team.neustar>  
**Sent on:** Friday, February 19, 2021 12:35:03 AM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)  
**Attachments:** An Invitation from Georgia Institute of Technology (Payments via ACHEFT).msg (132 KB)

Manos,

Could you please confirm that this is legitimate?

Thanks  
Rodney

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Friday, February 19, 2021 12:52:45 AM  
**To:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>; Rodney Joffe<rodney.joffe@team.neustar>  
**Subject:** Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)  
**Attachments:** An Invitation from Georgia Institute of Technology (Payments via ACHEFT).msg (133.5 KB)

Michael, is this legitimate?

Thanks, Manos

**From:** Rodney Joffe <rodney.joffe@team.neustar>

**Sent:** Thursday, February 18, 2021 19:35

**To:** Antonakakis, Manos

**Subject:** Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)

Manos,

Could you please confirm that this is legitimate?

Thanks

Rodney

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Monday, October 18, 2021 12:52:43 PM  
**To:** Fuller, Christian<christian.fuller@legal.gatech.edu>  
**Subject:** Fwd: Open Records Act Request #102110

Christian, do you have time to discuss this?

Thanks, Manos

**From:** Georgia Tech Open Records Office <openrecords@gatech.edu>  
**Sent:** Monday, October 18, 2021 08:45  
**To:** Antonakakis, Manos  
**Cc:** Georgia Tech Open Records Office  
**Subject:** Open Records Act Request #102110  
Good morning Dr. Antonakakis,

My office received the below Open Records Act request last week. Would you be able to assist with the items listed in Item #3 of the request? If so, please provide an estimate of the amount of time it will take to search for, retrieve and potentially redact the information, as well as your hourly rate in accordance with your Georgia Tech salary. This information will be used to provide the requestor with a cost estimate for production.

Please let me know if you have any questions. Thanks so much.

*Jamila Hudson-Allen*  
*Open Records Officer*  
*Office of Institute Communications*  
*Open Records Division*  
**GeorgiaInstitute ofTechnology**  
[openrecords@gatech.edu](mailto:openrecords@gatech.edu)



**From:** Krawiec, Margaret E <Margaret.Krawiec@skadden.com>  
**Sent:** Wednesday, October 13, 2021 11:51 AM  
**To:** Georgia Tech Open Records Office <openrecords@gatech.edu>  
**Cc:** Amaechi, Pamela I <Pamela.Amaechi@skadden.com>; McIntosh, Michael A <Michael.McIntosh@skadden.com>; Murday, Rebecca M <Rebecca.Murday@skadden.com>  
**Subject:** AO Alfa Bank v. John Doe et al // Open Records Request  
To Whom it May Concern:

I hope this email finds you well. My name is Margaret Krawiec and I represent AO Alfa Bank ("Alfa Bank") in a lawsuit pending in Florida state court, *AO Alfa-Bank v. John Doe et al.*, Case No. 50-2020-CA-006304-XXX MB (Fla. 15th Cir., filed June 11, 2020). I write to make a formal open records request from the University for the below-listed records. The time period for these requests is January 2016 to the present:

1. Cybersecurity research contracts awarded to the Georgia Institute of Technology ("Georgia Tech") by the U.S. Department of Defense in November 2016 ("DOD Contracts").
2. Any sub- contracts that Georgia Tech entered into with third parties in reference to the DOD Contracts including any confidentiality, terms of service, user agreements, or agreements related to the Domain Name System ("DNS") data.
3. Communications, documents, and computer data from Emmanouil "Manos" Antonakakis, David Dagon,

and other employees or contractors of Georgia Tech regarding:

1. The cyber security research contract awarded to the Georgia Institute of Technology by the U.S. Department of Defense in November 2016 and led by Mr. Antonakakis. This includes, but is not limited to, materials discussing Mr. Antonakakis's and Mr. Dagon's access to domain name system ("DNS") databases under this research contract;
  2. Draft or executed contracts regarding researchers' access to or use of DNS data, including but not limited to terms of service, confidentiality, and user agreements;
  3. Passive DNS collection systems, including but not limited to the DNS collection system referred to as "Thales";
  4. Allegations of secret communications between the Trump Organization and Alfa Bank. "Allegations of secret communications" is defined as the since-debunked theory that there was a covert or secret channel of communication between the Trump Organization and Alfa Bank prior to and following the 2016 U.S. presidential election;
  5. the Trump Organization server (IP address 66.216.133.29) or domains ("trump-email.com"; "contact-client.com"; hostnames "email1.trump-email.com" or "trump1.contact-client.com"; and any iterations involving alternate capitalization or concatenated versions thereof);
  6. the Alfa Bank server (IP addresses 217.12.96.15 and 217.12.97.15) or domains ("moscow.alfaintra.net," and any iterations involving alternate capitalization or concatenated versions thereof);
  7. AO Alfa-Bank, also known as "Alfa Bank";
  8. any analysis of computer data related to either the Trump Organization or Alfa Bank;
  9. analysis of computer data relating to the following entities: Cendyn, Listrak, Serenata, Denihan Hospitality Group, Spectrum Health, Heartland Payment Systems, Orbit Telecommunications, and Domo;
  10. allegations of Russian interference in U.S. elections;
  11. communications, documents, and computer data exchanged with individuals using the pseudonyms "Tea Leaves" or "Max";
  12. communications, documents, and computer data exchanged with April Lorenzen or Rodney Joffe;
  13. communications, documents, and computer data exchanged with Neustar, Inc., ZETAlytics LLC, or Dissect Cyber Inc.;
  14. communications, documents, and computer data exchanged with Packet Forensics LLC, VOSTROM Holdings, Inc., Centergate Research Group, LLC, or any other entities affiliated with Rodney Joffe;
  15. communications, documents, and computer data exchanged with Perkins Coie LLP, Michael Sussmann, Marc Elias, or any other affiliates of Perkins Coie;
  16. communications, documents, and computer data exchanged with Fusion GPS, Peter Fritsch, Glenn Simpson, Jacob "Jake" Berkowitz, Laura Seago or any other affiliates of Fusion GPS;
  17. communications, documents, and computer data exchanged with Daniel Jones, The Democracy Integrity Project, Advance Democracy Inc., Penn Quarter Group, Michael "Mikey" Dickerson, Matthew "Matt" Weaver, Layer Aleph or any other entity or individual affiliated with Daniel Jones; and
  18. communications, documents, and computer data exchanged with the Clinton Campaign or the Democratic National Committee.
4. Communications, documents, and computer data that were produced in response to subpoenas, discovery requests, informal document requests, or government inquiries, including but not limited to Special Counsel John Durham's investigation and the associated grand jury in *United States v. Sussman*, No. 1:21-cr-00582-CRC-1 (D.D.C. 2021) and that relate to (i) allegations of secret communications between the Trump Organization and Alfa Bank; (ii) the Trump Organization server or domains; (iii) Alfa Bank; (iv) analysis of computer data related to either the Trump Organization or Alfa Bank; (v) allegations of Russian interference in U.S. elections; or (vi) the John Doe Defendants or the Anonymous Researchers.

We would be happy to discuss the scope of these requests further over a call. Please let us know if you have any questions or would like to discuss.

Thanks,  
Margaret

---

This email (and any attachments thereto) is intended only for use by the addressee(s) named herein and may contain legally privileged and/or confidential information. If you are not the intended recipient of this email, you are hereby notified that any dissemination, distribution or copying of this email (and any attachments thereto) is strictly prohibited. If you receive this email in error please immediately notify me at (212) 735-3000 and permanently delete the original email (and any copy of any email) and any printout thereof.

Further information about the firm, a list of the Partners and their professional qualifications will be provided upon request.

=====



**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Sunday, November 14, 2021 5:17:53 PM  
**To:** McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**CC:** Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Heads up  
**Attachments:** 5 False Narratives About The Spygate Indictment Of Michael Sussmann.pdf (534.78 KB)

Gentlemen,

The reporter inline wrote the attached article a couple of months ago and made the claim that my actions were equivalent to criminal conduct. We ignored the first article, as we were not consulted. This time around she asked us for a comment because will be writing a second stronger article possible replaying the same narrative.

Because I (or we?) might file a suit against her for knowingly writing false statements about me (and the work I did at GT), we had to respond with the way you see inline.

At some point we need to stop being quite about my role in all these. Being accused of criminal conduct is where I draw the line in this situation.

Manos

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Sunday, November 14, 2021 at 12:09 PM  
**To:** "Schamel, Mark" <MSchamel@lowenstein.com>, "Jara, Ana" <AJara@lowenstein.com>  
**Subject:** Re: Media Request re Mr. David Dagon

Yes, this makes sense.

Thank you, Mark

---

**From:** "Schamel, Mark" <MSchamel@lowenstein.com>  
**Date:** Sunday, November 14, 2021 at 12:08 PM  
**To:** "Antonakakis, Manos" <manos@gatech.edu>, "Jara, Ana" <AJara@lowenstein.com>  
**Subject:** RE: Media Request re Mr. David Dagon

That was intentional. I wanted to push back hard on her crappy reporting. She is a hack. I think we are going to have to come out publicly at some point and say that. I want to make a record that we told her, clearly, what she was doing. If you ever want to file a suit, actual knowledge makes it much harder for her when we win.

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

T: 202.753.3805  
M: 202.841.3401  
F: 973.597.2400



---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Sunday, November 14, 2021 12:00 PM  
**To:** Schamel, Mark <MSchamel@lowenstein.com>; Jara, Ana <AJara@lowenstein.com>  
**Subject:** Re: Media Request re Mr. David Dagon

No. What I mean is that is borderline rude to her. Effectively telling her that she is not good at what she does. While true, I would never put that in an email.

Manos

---

**From:** "Schamel, Mark" <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>  
**Date:** Sunday, November 14, 2021 at 11:56 AM  
**To:** "Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)>, "Jara, Ana" <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** RE: Media Request re Mr. David Dagon

Why don't I say that we have never had a position on the article?

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

T: 202.753.3805  
M: 202.841.3401  
F: 973.597.2400



---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Sent:** Sunday, November 14, 2021 11:52 AM

**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>; Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** Re: Media Request re Mr. David Dagon

Mark your off the record statement is aggressive but you know better than me what is right here.

The on the record statement is correct.

Guess/speculation: The title of the article could be "Researcher 1 back away from the article." Of course there is nothing we can do about it ... as Researcher 1 never supported the article. Whatever.

Thanks, Manos

---

**From:** "Schamel, Mark" <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>

**Date:** Sunday, November 14, 2021 at 11:42 AM

**To:** "Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)>, "Jara, Ana" <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** RE: Media Request re Mr. David Dagon

Margot

OFF THE RECORD

Having read a couple of your other articles, I have real concerns about the objectivity of your reporting on this issue. Not only are your conclusions incorrect, but the facts clearly do not support the insinuations in the indictment or your questions.

Dr. Antonakakis is NOT alleged to have done anything improper, illegal, unethical or even negligent. Dr. Antonakakis is a WITNESS in this "case" against Mr. Sussman. Dr. Antonakakis is APOLITICAL and has never met Sussman or any of the others involved in what Sussman and/or the campaign may have been doing. If you understood the work being done in the lab that Dr. Antonakakis runs, you would understand that the work is of vital importance to our national security. If you understood the facts at all, you would understand that the researchers at Georgia Tech were doing their job when they looked into the allegations of contact and possible collusion between the Trump campaign and a foreign power. Had there been an allegation involving the other campaign for President, they would do the same. That is actually their job.

I would encourage you to check with your sources and you will find that there was absolutely nothing improper about the researchers doing the research they are contracted to do. It is also critical that you understand that they did not access any databases to discredit the Trump campaign, but simply looked at the data they are tasked with monitoring to determine the facts. That they did not confirm it in their limited review, does not mean it does not exist. That analysis would simply take more time than was dedicated.

It would do you well to stop conflating not finding something in a preliminary analysis with it not having happened. Even Mr. Joffe's "fuck" email response seems to indicate that the preliminary analysis did not produce a definitive answer and thus, why no conclusion was ever produced, it does not mean there was not contact.

I would also strongly encourage you to cease writing articles that even intimate that Dr. Antonakakis has done anything wrong. As even the Special Counsel in its rush to find a way to exonerate the Trump campaign has made it abundantly clear, Dr. Antonakakis is not a subject of any investigation and that there is absolutely no evidence that he has ever done anything improper. If you are saying anything short of that, you are making a very serious and actionable mistake.

As for your questions, I offer you the following ON THE RECORD answers below:

Mark

Did Mr. Antonakakis use any data provided by Mr. Joffe in the analysis which you say he stands behind?

Dr. Antonakakis stands behind all published and unpublished research of which he is an author, coming out the Georgia Tech research lab. Dr. Antonakakis is one of the leading researchers in his field in the world. In this case he reviewed a narrative, as presented to him, by a well-known and respected researcher and provided his feedback, as he does for more than 100 unpublished research articles he receives every year. Dr. Antonakakis was not involved in the production of this anonymous article and there is nothing to support the false narrative that he did.

Did he know that any of that data came from the government pursuant to a separate government contract?

You should double check your sources, as the premise or your question is incorrect. No data procured for a government contract for which Dr. Antonakakis is responsible was used for the production of this anonymous article. Even the Durham investigation has confirmed this fact.

Also, did he use a GitHub account to communicate with the others and if so why?

He did not and since that is a provable fact, you lack even a good faith basis to say otherwise. The only reason you would ask this question is to make it appear nefarious, when in fact it was anything but and if you have done your research you will know this.

And finally, was Mr. Joffe's "fuck" response concerning the first data run related to Trump and Alfa Bank not showing a connection? If not, what did that refer to?

This is a question for Mr. Joffe.

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

**T:** 202.753.3805

**M:** 202.841.3401

**F:** 973.597.2400



**From:** Margot Cleveland <[margotcleveland@gmail.com](mailto:margotcleveland@gmail.com)>

**Sent:** Saturday, November 13, 2021 11:53 PM

**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>

**Subject:** Fwd: Media Request re Mr. David Dagon

Dear Mr. Schamel,

I am writing an article on the Sussman indictment and have obtained a cache of emails involving data requests and communications between your client, Manos Antonakakis, and others, confirmed to the New York Times as the unnamed individuals discussed in the indictment, specifically, Mr. Joffe, Mr. David Dagon, and April Lorenzen. During this time frame, there were also emails between some of these individuals and Steve DeJong. Did Mr. Antonakakis use any data provided by Mr. Joffe in the analysis which you say he stands behind? Did he know that any of that data came from the government pursuant to a separate government contract?

Also, did he use a github account to communicate with the others and if so why? And finally, was Mr. Joffe's "fuck" response concerning the first data run related to Trump and Alfa Bank not showing a connection? If not, what did that refer to?

My deadline is tomorrow at noon.

Thank you,

Margot Cleveland

Senior Contributor, The Federalist



ReplyForward

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

**From:** Antonakakis, Manos<fvirgil6@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Thursday, March 11, 2021 6:01:56 PM  
**To:** Kline, Allison<allison.kline@darpa.mil>; Schneck, Christopher (contr-i2o)<christopher.schneck.ctr@darpa.mil>  
**BCC:** Antonakakis, Manos<manos@gatech.edu>; Rodney Joffe<rodney.joffe@team.neustar>; Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Just talked with Rodney

Folks, I should not have called him. That was a terrible idea.

As I speculated, he nearly chewed my head off. He said, all targeting analysis (*\*especially\** for SUNBURST) out of the SLD data is by definition an operational task and should not be given to USG/DoD via EA. I walked him back from that by saying what if we just give DARPA opaque information for DoD and a few other important USG networks only? He agreed to that but, he wants you to call him and explain why EA needs one more win to show the value in his data. Sorry, I could not answer that point for you.

He said this is the last thing he is doing for EA since he has not been treated correctly (and I am paraphrasing his exact statement for obvious reasons...)

I will work on a few slides for DoD and USG *\*opaque\** targeting SUNBURST analysis through the SLD GT datasets all day today and tomorrow. Please do not ask me to call Rodney again, I am losing face to someone that used to respect me in the industry.

Thanks, Manos

**From:** Antonakakis, Manos<fvirgil6@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Friday, March 12, 2021 12:43:53 AM  
**To:** Kline, Allison<allison.kline@darpa.mil>; Rodney Joffe<rodney.joffe@team.neustar>  
**CC:** Schneck, Christopher (contr-i2o)<christopher.schneck.ctr@darpa.mil>  
**BCC:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** New DARPA EA PM

Hey Rodney,

Allow me to re-introduce to Allison, who is the new EA PM. I think it would be a great idea for the two of you to get on a call and catch up about the status of things.

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu  
College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Friday, April 2, 2021 6:23:19 PM  
**To:** Egerstedt, Magnus<magnus.egerstedt@ece.gatech.edu>; Blough, Douglas M<doug.blough@ece.gatech.edu>  
**CC:** Beyah, Raheem A<rbeyah@coe.gatech.edu>  
**Subject:** Re: [ece\_faculty] 2021-22 Promotion and Tenure cases  
**Attachments:** ManosAntonakakis\_cv\_040221.pdf (161.55 KB)

Thanks for the feedback, guys. Attached please find a semi-up-to-date CV. The only reason I asked is because people (within and outside GT) after my tenure case told to not wait for long until I go up for full. If my memory serves me right, one of these people was Raheem as well. In any case, let me know if I should wait or not. Happy to bring you offers (for full professor position with endowed Chair) from other places if that helps the process out.  
Thanks, Manos

---

**From:** Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>  
**Date:** Friday, April 2, 2021 at 12:49 PM  
**To:** Blough, Douglas M <doug.blough@ece.gatech.edu>, Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: [ece\_faculty] 2021-22 Promotion and Tenure cases

Yup. I agree that Year 3 is pretty much a no-go. Year 4 is rare but not unheard of. Do you have a recent version of your cv so we can take a quick look and see if there are potential soft spots that you should tend to for this to be feasible?

/ Magnus

—  
Magnus Egerstedt, Ph.D.  
Steve W. Chaddick School Chair and Professor  
School of Electrical and Computer Engineering  
Georgia Institute of Technology

Georgia Tech ECE: Dreaming, Designing, and Getting it Done!

On 4/2/21, 10:57 AM, "Blough, Douglas M" <doug.blough@ece.gatech.edu> wrote:

Hi Manos,

The standard time for promotion is after 6 years in rank, just like from Assistant to Associate. Since you'd be in your 3rd year as Associate next year, it would be considered 3 years early. The College of Engineering has told us very clearly to not bring any 3-year-early full promotion cases forward. Let's revisit next year.

Magnus: Any additional thoughts?

Doug

On 4/2/21 10:32 AM, Antonakakis, Manos wrote:

> Hey Doug and Magnus,

>

> Should I apply for full or should I wait? I am in no real rush, just

> asking because I honestly do not know when the time is right to go up

> for full.  
>  
> Thanks, Manos  
>  
> \*From: \*ece\_faculty-request@lists.gatech.edu  
> <ece\_faculty-request@lists.gatech.edu> on behalf of Doug Blough  
> <doug.blough@ece.gatech.edu>  
> \*Date: \*Monday, March 29, 2021 at 1:48 PM  
> \*To: \*ece\_faculty@ece.gatech.edu <ece\_faculty@ece.gatech.edu>  
> \*Cc: \*Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>  
> \*Subject: \*[ece\_faculty] 2021-22 Promotion and Tenure cases  
>  
> Dear Colleagues,  
>  
> We are preparing for this coming year's RPT cycle and the  
> deadlines for submitting paperwork have been distributed by  
> CoE.  
>  
> To comply with Institute deadlines, we need to know by April 16  
> if you are planning to apply for tenure and/or promotion in the  
> coming cycle. First drafts of tenure/promotion packages will be  
> due in early May and final packages will be due around the third  
> week of May.  
>  
> Faculty members with questions about whether or not to pursue  
> promotion and/or tenure should consult with both Magnus Egerstedt  
> and me.  
>  
> Please notify Magnus and me of your intention to apply by April 16.  
> This is a hard deadline.  
>  
> Thank you,  
>  
> Doug Blough  
> ECE Associate Chair for Faculty Development  
>



**From:** Mitchell, Michael F<fvirgil6@gatech.edu> on behalf of Mitchell, Michael F  
**Sent on:** Friday, February 19, 2021 4:23:36 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>; Rodney Joffe<rodney.joffe@team.neustar>  
**Subject:** RE: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)

Yes, I just spoke with Shamelia and this is a legitimate request to set up the ach payment system for vendors.  
Michale

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Thursday, February 18, 2021 7:53 PM  
**To:** Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Rodney Joffe <rodney.joffe@team.neustar>  
**Subject:** Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)  
Michael, is this legitimate?  
Thanks, Manos

---

**From:** Rodney Joffe <[rodney.joffe@team.neustar](mailto:rodney.joffe@team.neustar)>  
**Sent:** Thursday, February 18, 2021 19:35  
**To:** Antonakakis, Manos  
**Subject:** Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)  
Manos,

Could you please conform that this is legitimate?

Thanks  
Rodney

**From:** Rodney Joffe<rodney.joffe@team.neustar>  
**Sent on:** Friday, February 19, 2021 5:02:01 PM  
**To:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>  
**CC:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Re: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)

Many thanks Michael. I've forwarded it on to our treasury group with the "clean bill of health/not a phish" label :-)

On the other matter, do you have any idea how the processing of our "ERP Services, Inc" Vendor registration is progressing?

Regards  
Rodney

> On Feb 19, 2021, at 11:23 AM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:  
>  
> Yes, I just spoke with Shamelia and this is a legitimate request to set up the ach payment system for vendors.  
>  
> Michale  
>  
> From: Antonakakis, Manos <manos@gatech.edu>  
> Sent: Thursday, February 18, 2021 7:53 PM  
> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Rodney Joffe <rodney.joffe@team.neustar>  
> Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)  
>  
> Michael, is this legitimate?  
>  
> Thanks, Manos  
> From: Rodney Joffe <rodney.joffe@team.neustar>  
> Sent: Thursday, February 18, 2021 19:35  
> To: Antonakakis, Manos  
> Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)  
>  
> Manos,  
>  
> Could you please confirm that this is legitimate?  
>  
> Thanks  
> Rodney  
>

**From:** Mitchell, Michael F<fvirgil6@gatech.edu> on behalf of Mitchell, Michael F  
**Sent on:** Friday, February 19, 2021 6:35:13 PM  
**To:** Rodney Joffe<rodney.joffe@team.neustar>  
**CC:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** RE: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)

Thanks for moving that on.

Based on what I see in our system ERP services is active and ready for receiving POs. So feel free to send us a Quote at your earliest convenience.

M

-----Original Message-----

From: Rodney Joffe <rodney.joffe@team.neustar>  
Sent: Friday, February 19, 2021 12:02 PM  
To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
Cc: Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)

Many thanks Michael. I've forwarded it on to our treasury group with the "clean bill of health/not a phish" label :-)

On the other matter, do you have any idea how the processing of our "ERP Services, Inc" Vendor registration is progressing?

Regards  
Rodney

> On Feb 19, 2021, at 11:23 AM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:  
>  
> Yes, I just spoke with Shamelia and this is a legitimate request to set up the ach payment system for vendors.  
>  
> Michale  
>  
> From: Antonakakis, Manos <manos@gatech.edu>  
> Sent: Thursday, February 18, 2021 7:53 PM  
> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Rodney Joffe <rodney.joffe@team.neustar>  
> Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)  
>  
> Michael, is this legitimate?  
>  
> Thanks, Manos  
> From: Rodney Joffe <rodney.joffe@team.neustar>  
> Sent: Thursday, February 18, 2021 19:35  
> To: Antonakakis, Manos  
> Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)  
>  
> Manos,  
>  
> Could you please conform that this is legitimate?  
>  
> Thanks  
> Rodney  
>

**From:** Rodney Joffe<rodney.joffe@team.neustar>  
**Sent on:** Tuesday, March 2, 2021 6:06:23 PM  
**To:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>  
**CC:** Colin Monaghan<colin.monaghan@team.neustar>  
**Subject:** Re: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)  
**Attachments:** Georgia Institute of Technology - ERP DNS Quote - 24FEB21.pdf (107.92 KB)  
**Follow up:** Follow up  
**Start date:** Tuesday, March 2, 2021 12:00:00 AM  
**Due date:** Tuesday, March 2, 2021 12:00:00 AM

Hi Michael,

I am attaching the quote as discussed. Please let me know if anything needs to be changed.

I have referred to it as the "Enhanced Attribution II" project because I am not sure what the proper designation for this interim period should be. Happy to modify if needed.

Thanks  
Rodney

> On Feb 19, 2021, at 1:35 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:  
>  
> Thanks for moving that on.  
>  
> Based on what I see in our system ERP services is active and ready for receiving POs. So feel free to send us a Quote at your earliest convenience.  
>  
> M  
>  
> -----Original Message-----  
> From: Rodney Joffe <rodney.joffe@team.neustar>  
> Sent: Friday, February 19, 2021 12:02 PM  
> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
> Cc: Antonakakis, Manos <manos@gatech.edu>  
> Subject: Re: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)  
>  
> Many thanks Michael. I've forwarded it on to our treasury group with the "clean bill of health/not a phish" label :-)  
>  
> On the other matter, do you have any idea how the processing of our "ERP Services, Inc" Vendor registration is progressing?  
>  
> Regards  
> Rodney  
>  
>  
>> On Feb 19, 2021, at 11:23 AM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:  
>>  
>> Yes, I just spoke with Shamelia and this is a legitimate request to set up the ach payment system for vendors.  
>>

>> Michale

>>

>> From: Antonakakis, Manos <manos@gatech.edu>

>> Sent: Thursday, February 18, 2021 7:53 PM

>> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Rodney Joffe <rodney.joffe@team.neustar>

>> Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)

>>

>> Michael, is this legitimate?

>>

>> Thanks, Manos

>> From: Rodney Joffe <rodney.joffe@team.neustar>

>> Sent: Thursday, February 18, 2021 19:35

>> To: Antonakakis, Manos

>> Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)

>>

>> Manos,

>>

>> Could you please conform that this is legitimate?

>>

>> Thanks

>> Rodney

>>

>

**From:** Mitchell, Michael F<fvirgil6@gatech.edu> on behalf of Mitchell, Michael F  
**Sent on:** Friday, February 12, 2021 4:31:41 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>; Rodney Joffe<rodney.joffe@team.neustar>  
**Subject:** RE: Data subscription extension

Manos,

It really depends on how quickly the subsidiary is able to get registered in the system (outside of our control), send us the quote, and how responsive they are to the inquiries and requests for documentation that procurement needs. I would say probably 3 weeks on the short side accounting for some back and forth between supplier and contracting officer.

Rodney,

Would you please have the new company register as a vendor in our system. No action on our part can be completed until we have the quote and the new company's registration is done. This link will allow for a new account to be set up, including routing details for payments on future invoices. A new PO will be issued.

[https://wd5.myworkdaysite.com/supplier/gatech/SUPPLIER\\_REGISTRATION\\_PROD](https://wd5.myworkdaysite.com/supplier/gatech/SUPPLIER_REGISTRATION_PROD)

Let me know if you have questions!

M

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Friday, February 12, 2021 9:29 AM  
**To:** Rodney Joffe <rodney.joffe@team.neustar>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
**Subject:** Re: Data subscription extension

Rodney this makes sense.

Michael, can I get an ETA on this being one?

Thanks, Manos

---

**From:** Rodney Joffe <[rodney.joffe@team.neustar](mailto:rodney.joffe@team.neustar)>  
**Date:** Thursday, February 11, 2021 at 9:39 PM  
**To:** Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>  
**Cc:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Subject:** Re: Data subscription extension

Hello Michael,

Thank you for the opportunity.

I will have the quote prepared for you by Monday. It will be a new quote, with the same general terms and conditions as the original contract. However, it will cover 3 months, and it will confirm that if needed, an additional PO for the remainder of 2021 will be valid at the same rate and terms.

Will this work for your purposes, or will you need any other changes?

One point from Neustar's side - we now contract for all sensitive contracts through our Government Subsidiary, ERP Services, Inc, a wholly owned subsidiary of Neustar, Inc. I assume this will also not be an issue for you?

Regards

Rodney

=====

Rodney Joffe  
SVP, and Fellow  
National Security Executive  
Neustar, Inc.  
45980 Center Oak Plaza  
Sterling VA 20166  
USA  
+1 202-533-2900 Direct

+1 602-418-6471 Cell

[rodney.joffe@team.neustar](mailto:rodney.joffe@team.neustar)

> On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)> wrote:

>

> Good Afternoon Rodney,

>

> I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

>

> Thanks,

>

> Michael Mitchell

>

> Research Operations Program Manager

> GEORGIA Institute

> of TECH nology

> School of Electrical and Computer Engineering

> 777 Atlantic Drive NW

> Atlanta, GA 30332-0765

> Office: 404-385-8122

> Mobile: 770-655-8039

**From:** Rodney Joffe<rodney.joffe@team.neustar>  
**Sent on:** Wednesday, April 14, 2021 6:42:47 PM  
**To:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>  
**CC:** Antonakakis, Manos<manos@gatech.edu>; Colin Monaghan<colin.monaghan@team.neustar>  
**Subject:** Re: Data subscription extension

Hello Michael,

Many thanks. Putting it into process now.

Regards  
Rodney

> On Apr 14, 2021, at 2:31 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>

> Hey Rodney,

>

> I was following up on the requisition that I put in for this and found that the PO was executed for this. The PO number is PO-5145022. If you have not yet done so, would you please send an invoice for this PO to [apinvoices@gatech.edu](mailto:apinvoices@gatech.edu) with a subject line of PO-5145022?

>

> Let me know if you have any questions or need help on this.

>

> Thanks!

>

> Michael

>

> -----Original Message-----

> From: Rodney Joffe <rodney.joffe@team.neustar>

> Sent: Friday, February 12, 2021 2:57 PM

> To: Antonakakis, Manos <manos@gatech.edu>

> Cc: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

> Subject: Re: Data subscription extension

>

> Hi Manos and Michael,

>

> We think we have accurately completed the registration form. Please let me know if there is anything else needed.

>

> Thanks!

> Rodney

>

>

>> On Feb 12, 2021, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>

>> OK, let start asap. I cannot go back to DARPA and say that I cannot do this because GT is not moving fast enough. I will lose face.

>>

>>

>>

>> Manos

>>

>>

>>

>>

>> From: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

>> Date: Friday, February 12, 2021 at 11:31 AM

>> To: Antonakakis, Manos <manos@gatech.edu>, Rodney Joffe <rodney.joffe@team.neustar>

>> Subject: RE: Data subscription extension

>>

>> Manos,

>>

>>

>>

>>

>> It really depends on how quickly the subsidiary is able to get registered in the system (outside of our control), send us





>> One point from Neustar's side - we now contract for all sensitive contracts through our Government Subsidiary, ERP Services, Inc, a wholly owned subsidiary of Neustar, Inc. I assume this will also not be an issue for you?

>>

>> Regards

>> Rodney

>> =====

>> Rodney Joffe

>> SVP, and Fellow

>> National Security Executive

>> Neustar, Inc.

>> 45980 Center Oak Plaza

>> Sterling VA 20166

>> USA

>> +1 202-533-2900 Direct

>> +1 602-418-6471 Cell

>> rodney.joffe@team.neustar

>>

>>> On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>>>

>>> Good Afternoon Rodney,

>>>

>>> I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

>>>

>>> Thanks,

>>>

>>> Michael Mitchell

>>>

>>> Research Operations Program Manager

>>> GEORGIA Institute

>>> of TECH nology

>>> School of Electrical and Computer Engineering

>>> 777 Atlantic Drive NW

>>> Atlanta, GA 30332-0765

>>> Office: 404-385-8122

>>> Mobile: 770-655-8039

>>

>>

>>

>>

>

**From:** Mitchell, Michael F<fvirgil6@gatech.edu> on behalf of Mitchell, Michael F  
**Sent on:** Wednesday, April 14, 2021 6:31:26 PM  
**To:** Rodney Joffe<rodney.joffe@team.neustar>  
**CC:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** RE: Data subscription extension

Hey Rodney,

I was following up on the requisition that I put in for this and found that the PO was executed for this. The PO number is PO-5145022. If you have not yet done so, would you please send an invoice for this PO to [apinvoices@gatech.edu](mailto:apinvoices@gatech.edu) with a subject line of PO-5145022?

Let me know if you have any questions or need help on this.

Thanks!

Michael

-----Original Message-----

From: Rodney Joffe <rodney.joffe@team.neustar>  
Sent: Friday, February 12, 2021 2:57 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Cc: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
Subject: Re: Data subscription extension

Hi Manos and Michael,

We think we have accurately completed the registration form. Please let me know if there is anything else needed.

Thanks!  
Rodney

> On Feb 12, 2021, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> OK, let start asap. I cannot go back to DARPA and say that I cannot do this because GT is not moving fast enough. I will lose face.

>  
>  
>  
> Manos

>  
>  
>  
> From: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
> Date: Friday, February 12, 2021 at 11:31 AM  
> To: Antonakakis, Manos <manos@gatech.edu>, Rodney Joffe <rodney.joffe@team.neustar>  
> Subject: RE: Data subscription extension

>  
> Manos,

>  
>  
>  
> It really depends on how quickly the subsidiary is able to get registered in the system (outside of our control), send us the quote, and how responsive they are to the inquiries and requests for documentation that procurement needs. I would say probably 3 weeks on the short side accounting for some back and forth between supplier and contracting officer.

>  
>  
>  
> Rodney,

>  
>  
>  
> Would you please have the new company register as a vendor in our system. No action on our part can be completed



> Sterling VA 20166  
> USA  
> +1 202-533-2900 Direct  
> +1 602-418-6471 Cell  
> rodney.joffe@team.neustar

>> On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>> Good Afternoon Rodney,

>> I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

>> Thanks,

>> Michael Mitchell

>> Research Operations Program Manager  
>> GEORGIA Institute  
>> of TECH nology  
>> School of Electrical and Computer Engineering  
>> 777 Atlantic Drive NW  
>> Atlanta, GA 30332-0765  
>> Office: 404-385-8122  
>> Mobile: 770-655-8039

**From:** Rodney Joffe<rodney.joffe@team.neustar>  
**Sent on:** Friday, February 12, 2021 5:17:55 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>  
**Subject:** Re: Data subscription extension

We're on it.

> On Feb 12, 2021, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> OK, let start asap. I cannot go back to DARPA and say that I cannot do this because GT is not moving fast enough. I will lose face.

>

> Manos

>

> From: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

> Date: Friday, February 12, 2021 at 11:31 AM

> To: Antonakakis, Manos <manos@gatech.edu>, Rodney Joffe <rodney.joffe@team.neustar>

> Subject: RE: Data subscription extension

>

> Manos,

>

> It really depends on how quickly the subsidiary is able to get registered in the system (outside of our control), send us the quote, and how responsive they are to the inquiries and requests for documentation that procurement needs. I would say probably 3 weeks on the short side accounting for some back and forth between supplier and contracting officer.

>

> Rodney,

>

> Would you please have the new company register as a vendor in our system. No action on our part can be completed until we have the quote and the new company's registration is done. This link will allow for a new account to be set up, including routing details for payments on future invoices. A new PO will be issued.

>

>

> <https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwd5.myworkdaysite.com%2Fsupplier%2Fgatech%2F>

>

> Let me know if you have questions!

>

> M

>

>

> From: Antonakakis, Manos <manos@gatech.edu>

> Sent: Friday, February 12, 2021 9:29 AM

> To: Rodney Joffe <rodney.joffe@team.neustar>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

> Subject: Re: Data subscription extension

>

> Rodney this makes sense.

>

> Michael, can I get an ETA on this being one?

>

> Thanks, Manos

>

> From: Rodney Joffe <rodney.joffe@team.neustar>

> Date: Thursday, February 11, 2021 at 9:39 PM

> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

> Cc: Antonakakis, Manos <manos@gatech.edu>

> Subject: Re: Data subscription extension

>

> Hello Michael,

>

> Thank you for the opportunity.

>

> I will have the quote prepared for you by Monday. It will be a new quote, with the same general terms and conditions as the original contract. However, it will cover 3 months, and it will confirm that if needed, an additional PO for the remainder

of 2021 will be valid at the same rate and terms.

>  
> Will this work for your purposes, or will you need any other changes?

>  
> One point from Neustar's side - we now contract for all sensitive contracts through our Government Subsidiary, ERP Services, Inc, a wholly owned subsidiary of Neustar, Inc. I assume this will also not be an issue for you?

>  
> Regards  
> Rodney

> =====

> Rodney Joffe  
> SVP, and Fellow  
> National Security Executive  
> Neustar, Inc.  
> 45980 Center Oak Plaza  
> Sterling VA 20166  
> USA  
> +1 202-533-2900 Direct  
> +1 602-418-6471 Cell  
> rodney.joffe@team.neustar

>  
>> On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>>  
>> Good Afternoon Rodney,

>>  
>> I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

>>  
>> Thanks,

>>  
>> Michael Mitchell

>>  
>> Research Operations Program Manager  
>> GEORGIA Institute  
>> of TECH nology  
>> School of Electrical and Computer Engineering  
>> 777 Atlantic Drive NW  
>> Atlanta, GA 30332-0765  
>> Office: 404-385-8122  
>> Mobile: 770-655-8039

>

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Friday, February 12, 2021 2:28:53 PM  
**To:** Rodney Joffe<rodney.joffe@team.neustar>; Mitchell, Michael F<michael.mitchell@ece.gatech.edu>  
**Subject:** Re: Data subscription extension

Rodney this makes sense.  
Michael, can I get an ETA on this being one?  
Thanks, Manos

---

**From:** Rodney Joffe <rodney.joffe@team.neustar>  
**Date:** Thursday, February 11, 2021 at 9:39 PM  
**To:** Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
**Cc:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: Data subscription extension

Hello Michael,

Thank you for the opportunity.

I will have the quote prepared for you by Monday. It will be a new quote, with the same general terms and conditions as the original contract. However, it will cover 3 months, and it will confirm that if needed, an additional PO for the remainder of 2021 will be valid at the same rate and terms.

Will this work for your purposes, or will you need any other changes?

One point from Neustar's side - we now contract for all sensitive contracts through our Government Subsidiary, ERP Services, Inc, a wholly owned subsidiary of Neustar, Inc. I assume this will also not be an issue for you?

Regards

Rodney

=====

Rodney Joffe  
SVP, and Fellow  
National Security Executive  
Neustar, Inc.  
45980 Center Oak Plaza  
Sterling VA 20166  
USA  
+1 202-533-2900 Direct  
+1 602-418-6471 Cell  
rodney.joffe@team.neustar

> On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>

> Good Afternoon Rodney,

>

> I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

>

> Thanks,

>

> Michael Mitchell

>

> Research Operations Program Manager

> GEORGIA Institute



- > of TECHNOLOGY
- > School of Electrical and Computer Engineering
- > 777 Atlantic Drive NW
- > Atlanta, GA 30332-0765
- > Office: 404-385-8122
- > Mobile: 770-655-8039

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Friday, February 12, 2021 3:52:58 AM  
**To:** Rodney Joffe<rodney.joffe@team.neustar>  
**Subject:** Re: Data subscription extension

**From:** Rodney Joffe <rodney.joffe@team.neustar>  
**Sent:** Thursday, February 11, 2021 9:39:00 PM  
**To:** Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
**Cc:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: Data subscription extension  
Hello Michael,

Thank you for the opportunity.

I will have the quote prepared for you by Monday. It will be a new quote, with the same general terms and conditions as the original contract. However, it will cover 3 months, and it will confirm that if needed, an additional PO for the remainder of 2021 will be valid at the same rate and terms.

Will this work for your purposes, or will you need any other changes?

One point from Neustar's side - we now contract for all sensitive contracts through our Government Subsidiary, ERP Services, Inc, a wholly owned subsidiary of Neustar, Inc. I assume this will also not be an issue for you?

Regards  
Rodney

=====

Rodney Joffe  
SVP, and Fellow  
National Security Executive  
Neustar, Inc.  
45980 Center Oak Plaza  
Sterling VA 20166  
USA  
+1 202-533-2900 Direct  
+1 602-418-6471 Cell  
rodney.joffe@team.neustar

> On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>

> Good Afternoon Rodney,

>

> I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

>

> Thanks,

>

> Michael Mitchell

>

> Research Operations Program Manager

> GEORGIA Institute

**From:** Yizheng Chen [REDACTED] >  
**Sent on:** Thursday, November 11, 2021 4:40:15 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: Job Application Statements  
**Attachments:** cv.pdf (201.94 KB), rs.pdf (97.01 KB)

Hi Manos,

Attached are my latest CV and researchstatement.

I simplified the story in the completed research to start with the measurement work. Due to the spacelimit, I emphasized more on the technical content of robust training algorithms. Could you help me discuss all the cool measurement work and the impact in your letter, as you suggested? I think what you said makes sense, but people on the hiring committee want to see a complete picture of the candidate from the letters, and they told me it's best that the letter writers can discuss different projects, instead of the same ones. Your comments on my PhD projects would be really helpful. Also, could you comment on my teaching since I did TA with your network security class? Whatdo you think?

Best,  
Yizheng

On Thu, Nov 11, 2021 at 7:35 AM Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)> wrote:

Yizheng, please send me your latest CV and research statement.

Thanks, Manos

---

**From:** Yizheng Chen [REDACTED] >  
**Sent:** Saturday, October 30, 2021 5:59 PM  
**To:** Antonakakis, Manos  
**Subject:** Re: Job Application Statements

Hi Manos,

Thanks for taking a look! Thank you for all the suggestions. I'll try to make the research statement more coherent.

Best,  
Yizheng

On Fri, Oct 29, 2021 at 7:37 AM Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)<<mailto:manos@gatech.edu>>> wrote:

Yizheng, the research statement is good but I think you need to equally weight and properly link the ML work you did since you left the PhD program and the deep measurement work you did during your PhD. Those two right now feel like two different lives you had, and they should absolutely not feel like that to the reader.

People tend to respond better when you give them complete stories rather than "here are all the cool things I did" type of statements. To that end, my recommendation would be for you to rewrite the first four paragraphs of your research statement presenting the following story. During my PhD I did all these cool measurement stuff and allow me to practically realize the value and power of ML. After my PhD I tried to do

that in industry and I realized I need more freedom to investigate all other aspects of adversarial ML I deemed important. Therefore, I joined Columbia so I can research these important aspects of adversarial ML, and here are my cool results. That is a much cleaner, easier to understand and remember story than the one you are presenting right now.

Such a story line makes your journey more deliberate (despite the fact that it might not have been exactly so), and you come across as a candidate that knows what she wants to do in research. Key point here is this: Your research statement is for non-security people in the search committee. Thus, makes sure the first four paragraphs can be read and understood by them. If you lose the non-security people at the beginning of this document, you have no realistic chances of getting an interview.

Some typos in the RS:

- \* properties, that -> properties that (at two places)
- \* and also made impact in the real-world -> and also made an impact in the real-world
- \* specifies that, arbitrary attacks -> specifies that arbitrary attacks
- \* Thus, attacker can always slightly change some -> Thus, an attacker can always slightly change some
- \* as, the output of the Twitter -> as the output of the Twitter
- \* satisfies the properties and find counterexamples -> satisfies the properties and found counterexamples
- \* I proposed new certifiable training technique -> I proposed a new certifiable training technique [or] I proposed new certifiable training techniques
- \* a strong adversary has not been -> a strong adversary, has not been
- \* using mixed integer linear program -> using a mixed integer linear program
- \* This makes the analysts job easier -> This makes the analyst's job easier
- \* vast amount of domain knowledge -> vast amounts of domain knowledge

Hope this helps!

Manos

From: Yizheng Chen [REDACTED]  
Date: Wednesday, October 27, 2021 at 11:38 PM  
To: "Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)><mailto:[manos@gatech.edu](mailto:manos@gatech.edu)>>  
Subject: Job Application Statements

Hi Manos,

I hope you are doing well! I'm wondering if you could take a look at my job application statements? I'd really appreciate any feedback you may have on these! I made them available here:  
<https://www.dropbox.com/sh/ryuyyhiwrru8soj/AAAhvtzFqqu5Sulg94tSvB3wa?dl=0>

Thank you so much.

Best,  
Yizheng

**From:** Fuller, Christian<christian.fuller@legal.gatech.edu> on behalf of Fuller, Christian  
**Sent on:** Monday, October 18, 2021 12:55:19 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** RE: Open Records Act Request #102110

[Sure. Give me like 20 minutes and I'll give you a call.](#)

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Monday, October 18, 2021 8:53 AM  
**To:** Fuller, Christian <christian.fuller@legal.gatech.edu>  
**Subject:** Fwd: Open Records Act Request #102110  
Christian, do you have time to discuss this?  
Thanks, Manos

---

**From:** Georgia Tech Open Records Office <[openrecords@gatech.edu](mailto:openrecords@gatech.edu)>  
**Sent:** Monday, October 18, 2021 08:45  
**To:** Antonakakis, Manos  
**Cc:** Georgia Tech Open Records Office  
**Subject:** Open Records Act Request #102110

Good morning Dr. Antonakakis,

My office received the below Open Records Act request last week. Would you be able to assist with the items listed in Item #3 of the request? If so, please provide an estimate of the amount of time it will take to search for, retrieve and potentially redact the information, as well as your hourly rate in accordance with your Georgia Tech salary. This information will be used to provide the requestor with a cost estimate for production.

Please let me know if you have any questions. Thanks so much.

*Jamila Hudson-Allen*  
*Open Records Officer*  
*Office of Institute Communications*  
*Open Records Division*  
**Georgia Institute of Technology**  
[openrecords@gatech.edu](mailto:openrecords@gatech.edu)



---

**From:** Krawiec, Margaret E <[Margaret.Krawiec@skadden.com](mailto:Margaret.Krawiec@skadden.com)>  
**Sent:** Wednesday, October 13, 2021 11:51 AM  
**To:** Georgia Tech Open Records Office <[openrecords@gatech.edu](mailto:openrecords@gatech.edu)>  
**Cc:** Amaechi, Pamela I <[Pamela.Amaechi@skadden.com](mailto:Pamela.Amaechi@skadden.com)>; McIntosh, Michael A <[Michael.McIntosh@skadden.com](mailto:Michael.McIntosh@skadden.com)>; Murday, Rebecca M <[Rebecca.Murday@skadden.com](mailto:Rebecca.Murday@skadden.com)>  
**Subject:** AO Alfa Bank v. John Doe et al // Open Records Request

To Whom it May Concern:

I hope this email finds you well. My name is Margaret Krawiec and I represent AO Alfa Bank ("Alfa Bank") in a lawsuit pending in Florida state court, *AO Alfa-Bank v. John Doe et al.*, Case No. 50-2020-CA-006304-XXX MB (Fla. 15th Cir., filed June 11, 2020). I write to make a formal open records request from the University for the below-listed records. The time period for these requests is January 2016 to the present:

1. Cybersecurity research contracts awarded to the Georgia Institute of Technology ("Georgia Tech") by the U.S. Department of Defense in November 2016 ("DOD Contracts").
2. Any sub- contracts that Georgia Tech entered into with third parties in reference to the DOD Contracts including any confidentiality, terms of service, user agreements, or agreements related to the Domain Name System ("DNS") data.

3. Communications, documents, and computer data from Emmanouil "Manos" Antonakakis, David Dagon, and other employees or contractors of Georgia Tech regarding:
  1. The cyber security research contract awarded to the Georgia Institute of Technology by the U.S. Department of Defense in November 2016 and led by Mr. Antonakakis. This includes, but is not limited to, materials discussing Mr. Antonakakis's and Mr. Dagon's access to domain name system ("DNS") databases under this research contract;
  2. Draft or executed contracts regarding researchers' access to or use of DNS data, including but not limited to terms of service, confidentiality, and user agreements;
  3. Passive DNS collection systems, including but not limited to the DNS collection system referred to as "Thales";
  4. Allegations of secret communications between the Trump Organization and Alfa Bank. "Allegations of secret communications" is defined as the since-debunked theory that there was a covert or secret channel of communication between the Trump Organization and Alfa Bank prior to and following the 2016 U.S. presidential election;
  5. the Trump Organization server (IP address 66.216.133.29) or domains ("trump-email.com"; "contact-client.com"; hostnames "email1.trump-email.com" or "trump1.contact-client.com"; and any iterations involving alternate capitalization or concatenated versions thereof);
  6. the Alfa Bank server (IP addresses 217.12.96.15 and 217.12.97.15) or domains ("moscow.alfaintra.net," and any iterations involving alternate capitalization or concatenated versions thereof);
  7. AO Alfa-Bank, also known as "Alfa Bank";
  8. any analysis of computer data related to either the Trump Organization or Alfa Bank;
  9. analysis of computer data relating to the following entities: Cendyn, Listrak, Serenata, Denihan Hospitality Group, Spectrum Health, Heartland Payment Systems, Obit Telecommunications, and Domo;
  10. allegations of Russian interference in U.S. elections;
  11. communications, documents, and computer data exchanged with individuals using the pseudonyms "Tea Leaves" or "Max";
  12. communications, documents, and computer data exchanged with April Lorenzen or Rodney Joffe;
  13. communications, documents, and computer data exchanged with Neustar, Inc., ZETALytics LLC, or Dissect Cyber Inc.;
  14. communications, documents, and computer data exchanged with Packet Forensics LLC, VOSTROM Holdings, Inc., Centergate Research Group, LLC, or any other entities affiliated with Rodney Joffe;
  15. communications, documents, and computer data exchanged with Perkins Coie LLP, Michael Sussmann, Marc Elias, or any other affiliates of Perkins Coie;
  16. communications, documents, and computer data exchanged with Fusion GPS, Peter Fritsch,

Glenn Simpson, Jacob "Jake" Berkowitz, Laura Seago or any other affiliates of Fusion GPS;

17. communications, documents, and computer data exchanged with Daniel Jones, The Democracy Integrity Project, Advance Democracy Inc., Penn Quarter Group, Michael "Mikey" Dickerson, Matthew "Matt" Weaver, Layer Aleph or any other entity or individual affiliated with Daniel Jones; and
18. communications, documents, and computer data exchanged with the Clinton Campaign or the Democratic National Committee.

4. Communications, documents, and computer data that were produced in response to subpoenas, discovery requests, informal document requests, or government inquiries, including but not limited to Special Counsel John Durham's investigation and the associated grand jury in *United States v. Sussman*, No. 1:21-cr-00582-CRC-1 (D.D.C. 2021) and that relate to (i) allegations of secret communications between the Trump Organization and Alfa Bank; (ii) the Trump Organization server or domains; (iii) Alfa Bank; (iv) analysis of computer data related to either the Trump Organization or Alfa Bank; (v) allegations of Russian interference in U.S. elections; or (vi) the John Doe Defendants or the Anonymous Researchers.

We would be happy to discuss the scope of these requests further over a call. Please let us know if you have any questions or would like to discuss.

Thanks,  
Margaret

-----  
This email (and any attachments thereto) is intended only for use by the addressee(s) named herein and may contain legally privileged and/or confidential information. If you are not the intended recipient of this email, you are hereby notified that any dissemination, distribution or copying of this email (and any attachments thereto) is strictly prohibited. If you receive this email in error please immediately notify me at (212) 735-3000 and permanently delete the original email (and any copy of any email) and any printout thereof.

Further information about the firm, a list of the Partners and their professional qualifications will be provided upon request.

=====

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Monday, October 18, 2021 12:56:13 PM  
**To:** Fuller, Christian<christian.fuller@legal.gatech.edu>  
**Subject:** Re: Open Records Act Request #102110

Thanks!

**From:** Fuller, Christian <christian.fuller@legal.gatech.edu>  
**Sent:** Monday, October 18, 2021 8:55:19 AM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** RE: Open Records Act Request #102110  
[Sure. Give me like 20 minutes and I'll give you a call.](#)

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Monday, October 18, 2021 8:53 AM  
**To:** Fuller, Christian <christian.fuller@legal.gatech.edu>  
**Subject:** Fwd: Open Records Act Request #102110  
Christian, do you have time to discuss this?  
Thanks, Manos

---

**From:** Georgia Tech Open Records Office <[openrecords@gatech.edu](mailto:openrecords@gatech.edu)>  
**Sent:** Monday, October 18, 2021 08:45  
**To:** Antonakakis, Manos  
**Cc:** Georgia Tech Open Records Office  
**Subject:** Open Records Act Request #102110

Good morning Dr. Antonakakis,

My office received the below Open Records Act request last week. Would you be able to assist with the items listed in Item #3 of the request? If so, please provide an estimate of the amount of time it will take to search for, retrieve and potentially redact the information, as well as your hourly rate in accordance with your Georgia Tech salary. This information will be used to provide the requestor with a cost estimate for production.

Please let me know if you have any questions. Thanks so much.

*Jamila Hudson-Allen*

*Open Records Officer*

*Office of Institute Communications*

*Open Records Division*

**Georgia Institute of Technology**

[openrecords@gatech.edu](mailto:openrecords@gatech.edu)



---

**From:** Krawiec, Margaret E <[Margaret.Krawiec@skadden.com](mailto:Margaret.Krawiec@skadden.com)>  
**Sent:** Wednesday, October 13, 2021 11:51 AM  
**To:** Georgia Tech Open Records Office <[openrecords@gatech.edu](mailto:openrecords@gatech.edu)>  
**Cc:** Amaechi, Pamela I <[Pamela.Amaechi@skadden.com](mailto:Pamela.Amaechi@skadden.com)>; McIntosh, Michael A <[Michael.McIntosh@skadden.com](mailto:Michael.McIntosh@skadden.com)>; Murday, Rebecca M <[Rebecca.Murday@skadden.com](mailto:Rebecca.Murday@skadden.com)>  
**Subject:** AO Alfa Bank v. John Doe et al // Open Records Request  
To Whom it May Concern:

I hope this email finds you well. My name is Margaret Krawiec and I represent AO Alfa Bank ("Alfa Bank") in a lawsuit pending in Florida state court, *AO Alfa-Bank v. John Doe et al.*, Case No. 50-2020-CA-006304-XXX MB (Fla. 15th Cir., filed June 11, 2020). I write to make a formal open records request from the University for the below-listed records. The time period for these requests is January 2016 to the present:

1. Cybersecurity research contracts awarded to the Georgia Institute of Technology ("Georgia Tech") by the U.S. Department of Defense in November 2016 ("DOD Contracts").



2. Any sub- contracts that Georgia Tech entered into with third parties in reference to the DOD Contracts including any confidentiality, terms of service, user agreements, or agreements related to the Domain Name System ("DNS") data.
  
3. Communications, documents, and computer data from Emmanouil "Manos" Antonakakis, David Dagon, and other employees or contractors of Georgia Tech regarding:
  1. The cyber security research contract awarded to the Georgia Institute of Technology by the U.S. Department of Defense in November 2016 and led by Mr. Antonakakis. This includes, but is not limited to, materials discussing Mr. Antonakakis's and Mr. Dagon's access to domain name system ("DNS") databases under this research contract;
  2. Draft or executed contracts regarding researchers' access to or use of DNS data, including but not limited to terms of service, confidentiality, and user agreements;
  3. Passive DNS collection systems, including but not limited to the DNS collection system referred to as "Thales";
  4. Allegations of secret communications between the Trump Organization and Alfa Bank. "Allegations of secret communications" is defined as the since- debunked theory that there was a covert or secret channel of communication between the Trump Organization and Alfa Bank prior to and following the 2016 U.S. presidential election;
  5. the Trump Organization server (IP address 66.216.133.29) or domains ("trump- email.com"; "contact- client.com"; hostnames "email1.trump- email.com" or "trump1.contact- client.com"; and any iterations involving alternate capitalization or concatenated versions thereof);
  6. the Alfa Bank server ( IP addresses 217.12.96.15 and 217.12.97.15) or domains ("moscow.alfaintra.net," and any iterations involving alternate capitalization or concatenated versions thereof);
  7. AO Alfa-Bank, also known as "Alfa Bank";
  8. any analysis of computer data related to either the Trump Organization or Alfa Bank;
  9. analysis of computer data relating to the following entities: Cendyn, Listrak, Serenata, Denihan Hospitality Group, Spectrum Health, Heartland Payment Systems, Obit Telecommunications, and Domo;
  10. allegations of Russian interference in U.S. elections;
  11. communications, documents, and computer data exchanged with individuals using the pseudonyms "Tea Leaves" or "Max";
  12. communications, documents, and computer data exchanged with April Lorenzen or Rodney Joffe;
  13. communications, documents, and computer data exchanged with Neustar, Inc. , ZETALytics LLC, or Dissect Cyber Inc.;
  14. communications, documents, and computer data exchanged with Packet Forensics LLC, VOSTROM Holdings, Inc., Centergate Research Group, LLC, or any other entities affiliated with Rodney Joffe;

15. communications, documents, and computer data exchanged with Perkins Coie LLP, Michael Sussmann, Marc Elias, or any other affiliates of Perkins Coie;
16. communications, documents, and computer data exchanged with Fusion GPS, Peter Fritsch, Glenn Simpson, Jacob "Jake" Berkowitz, Laura Seago or any other affiliates of Fusion GPS;
17. communications, documents, and computer data exchanged with Daniel Jones, The Democracy Integrity Project, Advance Democracy Inc., Penn Quarter Group, Michael "Mikey" Dickerson, Matthew "Matt" Weaver, Layer Aleph or any other entity or individual affiliated with Daniel Jones; and
18. communications, documents, and computer data exchanged with the Clinton Campaign or the Democratic National Committee.

4. Communications, documents, and computer data that were produced in response to subpoenas, discovery requests, informal document requests, or government inquiries, including but not limited to Special Counsel John Durham's investigation and the associated grand jury in *United States v. Sussman*, No. 1:21-cr-00582-CRC-1 (D.D.C. 2021) and that relate to (i) allegations of secret communications between the Trump Organization and Alfa Bank; (ii) the Trump Organization server or domains; (iii) Alfa Bank; (iv) analysis of computer data related to either the Trump Organization or Alfa Bank; (v) allegations of Russian interference in U.S. elections; or (vi) the John Doe Defendants or the Anonymous Researchers.

We would be happy to discuss the scope of these requests further over a call. Please let us know if you have any questions or would like to discuss.

Thanks,  
Margaret

-----  
This email (and any attachments thereto) is intended only for use by the addressee(s) named herein and may contain legally privileged and/or confidential information. If you are not the intended recipient of this email, you are hereby notified that any dissemination, distribution or copying of this email (and any attachments thereto) is strictly prohibited. If you receive this email in error please immediately notify me at (212) 735-3000 and permanently delete the original email (and any copy of any email) and any printout thereof.

Further information about the firm, a list of the Partners and their professional qualifications will be provided upon request.

=====

**From:** Angelos D. Keromytis<[REDACTED]>  
**Sent on:** Thursday, June 22, 2017 1:59:03 PM  
**To:** Manos Antonakakis<manos@gatech.edu>  
**Subject:** Fwd: thoughts

Begin forwarded message:

**From:** "McLaughlin, Steven W" <[swm@ece.gatech.edu](mailto:swm@ece.gatech.edu)>  
**Date:** June 22, 2017 at 04:35:29 MDT  
**To:** [REDACTED] <[REDACTED]>  
**Cc:** "McLaughlin, Steven W" <[swm@ece.gatech.edu](mailto:swm@ece.gatech.edu)>  
**Subject:** FW: thoughts

Hi Angelos

OK great – will call you on your cell at 10am my time this morning.

Here are a few notes in advance – highlighted in yellow below - as you will see the main item addressed is how GT would like to handle salary, I think we can get to where you want, but after some time and milestones...

All the very best,

Steve

On 6/6/17, 12:15 AM, "Angelos D. Keromytis" <[angelos@keromytis.com](mailto:angelos@keromytis.com)> wrote:

Steve,

Thanks again for the meeting last week, and the offer letter! I'm very excited by the opportunity, and I think the overall shape looks very good, but there are some important elements in the letter (items 1, 5, 7, and 8 below) that are problematic and I would like to discuss further. Following the order of the letter:

1. The salary of \$260K/9mos is significantly below my expectations and needs. To begin with, we are currently very well settled in NoVA; the public school system is excellent; my wife and kids have close friends. Thus, it is hard to justify the hassle of uprooting, selling a (nice) house, moving, finding a house, settling in again, etc., considering I have an offer of \$255K/9mos from UMD (which does not incur most, and perhaps none, of those time/energy/\$\$ costs). Looking at the housing market in Atlanta, I am somewhat apprehensive about finding the right spot in terms of distance/price/schools — the places we have found online when it comes to reasonable public schools seem to be at least \$100K - \$200K more expensive than our current house.

On top of the above, right now we are within "non-TSA" range of my in-laws and most of my wife's family. This makes it easy for my in-laws in particular to visit us pretty often (and vice versa), whether by car or by train. Atlanta has nice connections to NYC and Boston, but flying is somewhat more expensive.

As a lesser point, it is quite conceivable that my eldest (and perhaps the younger one too) will need private school at some point soon (based on personality and academic inclinations). Currently, Columbia covers close to half of private school tuition — which, of course, they'd have to do because of NYC prices! So, while this need is not as critical or (when comparing NYC to Atlanta) as steep, it still puts a bit of pressure on the salary "need" side.

So, per our discussion, a 9-month salary much closer to \$300K would be needed. One possibility would be to split the difference: \$280K for a 9-month salary, and authorization to use some of the discretionary funding from the Weitnauer Chair to cover family travel to/from NYC and Boston. The \$20K bump is really \$15K, when you consider that we are negotiating now for a position that I would fill in 14 months (i.e., after one notional salary raise, if I had started now). A bit of a rationalization perhaps, but there you have it :)

*AFTER DISCUSSION WITH THE DEAN, PROVOST AND A COUPLE OF OTHERS, GT WOULD PROPOSE TO STAY WITH THE \$260K/9-MONTHS OFFER AND PUT IN PLACE AN INCENTIVE PLAN THAT GETS THE SALARY TO THE LEVEL YOU WOULD LIKE WITHIN 24 MONTHS OF YOUR ARRIVAL. THIS APPROACH WOULD THEN MIRROR HOW WE WOULD HANDLE THE STARTUP EQUIPMENT PIECE AS WELL – FOR EXAMPLE, TWO 5% RAISES WOULD GET TO THE \$286K/9-MONTHS POINT IN TWO YEARS, 7.5% WOULD BE 300..*

*WITH REGARD TO USING THE CHAIR FUNDS FOR FAMILY PERSONAL TRAVEL UNFORTUNATELY I LEARNED THAT THAT IS OUT OF SCOPE FOR CHAIR FUNDS*

2. Weitnauer Chair: I am honored, and the terms of the position look great. No further discussion needed.

3. Student and postdoc support: if \$200K/year covers 2 PhD GRAs and 1 postdoc, then this looks good. I would, however, ask for flexibility when it comes to the postdoc — it may not be possible to hire one right away, based on market conditions. Perhaps \$200K/year for the first 2 years, where the spending itself can be stretched into Year 3 (and 4)?

*NO PROBLEM WITH MOVING INTO YEARS 3 AND 4*

4. Staff support: Is the admin/finance person shared or dedicated? Same question for the computer support person.

*DEDICATED TO YOU BUT MIGHT BE EXANDED TO ADDRESS THE HIRES IN SUBSEQUENT YEARS*

5. Cluster hire in cybersecurity: 2 hires in ECE is too little. 3 is the minimum needed; 4 would be much better. I'd be happy to coordinate as needed across campus to ensure the 8-10 slots are used well.

*WE NEED TO STICK WITH 3 AND IT WOULD NEED TO SPREAD ACROSS 6 OR MORE YEARS. WE CAN DISCUSS MORE, FOR EXAMPLE THESE WOULD ALMOST CERTAINLY NEED TO BE JUNIOR HIRES*

6. Teaching expectations: looks good. I would expect at least 2 of the 3 courses/year to be on security; and buying out of one of the three courses would make my load 2 security courses per year?

*I HOPE YOU WOULD BE ABLE TO BE FLEXIBLE WITH THE TECHNICAL INTEREST GROUP (TIG) – TEACHING ASSIGNMENTS ARE HANDLED AS A GROUP AND IT WOULD BE GOOD IF YOU WOULD BE WILLING TO TEACH SOME MORE GENERAL COURSES HERE AND THERE.*

7. Research Equipment Startup: This one caught me by surprise. Given past average investments by GRA and everything that was said on the subject, a “reduction” to less than half the projected budget makes me wonder what the near-term benefit of the association with GRA is? Not to put too fine a point on it: I'd rather not be the cheapest GRA Eminent Scholar in history. Is the \$3M coming out of GT-only funds? If so, is there a potential for later-on injection of additional GRA funds, if for whatever reason an investment in the immediate future is not feasible? Also, would you be open to some form of ICR, whereby for every \$1M of research funds, the school invests \$125K in additional research equipment funds?

Spreading the spending over some number of years is not a problem, although it will be a step function with a significant up-front outlay (perhaps as much as \$1M).

As for availability to other responsible users in the cybersecurity and related research community: I am open to it in principle, but there are some complexities arising from working on DoD (e.g., DARPA) and similar projects, which impose some protection requirements to technical data (including code). Similar protection needs arise from handling sensitive (unclassified, obviously) data — whether from the USG or private partners. All this to day that not everyone can have access; however, I would expect any active member of the cybersecurity “group” (loosely defined) to be eligible for such access. *THIS REQUIRES MORE TIME – IN MY EMAIL EARLIER THIS WEEK I WOULD SUGGESTED THAT WE HAVE YOU COME BACK TO TECH AND TALK WITH GRA, STEVE CROSS AND PUT IN PLACE AN INCENTIVE PLAN THAT HAS EVERYONE ALIGNED.*

8. Space: If we are to build a large group in cybersecurity, we need to bring all the interested/relevant parties together in close proximity. So, having sufficient space for my staff and students alone is not enough; I would like a commitment that there will be space in reasonably close proximity (if not contiguous) for everyone in the cybersecurity cluster (both existing faculty+students, and projected hires — per item 5, above). I am less concerned about where.

*100% AGREE – STILL IS TBD FOR THE EXACT LOCATION.*

\*\*\*\*\*

Steven W. McLaughlin, Ph.D

Steve W. Chaddick School Chair & Professor

School of Electrical and Computer Engineering

Georgia Institute of Technology  
Van Leer Building, Suite 215  
777 Atlantic Ave  
Atlanta, GA 30332-0250 USA  
phone: +1 404-894-4468  
personal web page:<http://users.ece.gatech.edu/~swm>

**From:** Angelos D. Keromytis<[REDACTED]>  
**Sent on:** Thursday, June 15, 2017 3:00:55 PM  
**To:** Manos Antonakakis<manos@gatech.edu>  
**Subject:** Fwd: touching base

Begin forwarded message:

**From:** "McLaughlin, Steven W" <[swm@ece.gatech.edu](mailto:swm@ece.gatech.edu)>  
**Date:** June 15, 2017 at 05:36:52 EDT  
**To:** "Angelos D. Keromytis" <[REDACTED]>  
**Cc:** "McLaughlin, Steven W" <[swm@ece.gatech.edu](mailto:swm@ece.gatech.edu)>  
**Subject: Re: touching base**

Hi Angelos

I am an optimist too! I hope to be able to have another chat with you in the coming days to talk about next steps and an update on your email back to me. But yes, let's plan a trip for you to come to Atlanta with your family.

Two upcoming items on my calendar – I have my interview for the Dean's position on June 26-27 and I am away on vacation July 4-19. During your visit I'd like to schedule some time with GRA. What does your timing look like?

FYI - the four finalists for Dean were announced yesterday – you can find that info at:  
<http://www.provost.gatech.edu/dean-engineering>

All the very best

Steve

\*\*\*\*\*

Steven W. McLaughlin, Ph.D

Steve W. Chaddick School Chair & Professor

School of Electrical and Computer Engineering

Georgia Institute of Technology

Van Leer Building, Suite 215

777 Atlantic Ave

Atlanta, GA 30332-0250 USA

phone: +1 404-894-4468

personal web page: <http://users.ece.gatech.edu/~swm>

On 6/14/17, 8:35 PM, "Angelos D. Keromytis" <[REDACTED]> wrote:

Hi Steve,

I hope all is well!

I just wanted to touch base after my note from last week, and get a sense of where we are. My daughters' school is out next Friday (June 23), and I was thinking of scheduling a trip to Atlanta sometime after that, at least with my wife (she's never been there, except at the airport). I'm being perhaps presumptuous in assuming that we will have a positive conclusion to our turkey-themed discussion, but that's me — the eternal optimist :)

Best,

-Angelos

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Wednesday, March 14, 2018 2:56:25 PM

To: Antonakakis, Manos <manos@gatech.edu>; Tejas Patel <tejas@kududyn.com>

Subject: fyi

<https://securelist.com/the-devils-in-the-rich-header/84348/>



From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Saturday, March 10, 2018 12:12:28 AM  
To: Antonakakis, Manos <manos@gatech.edu>; tejas@kududyn.com  
Subject: fyi

<https://www.securityweek.com/nsa-used-simple-tools-detect-other-state-actors-hacked-devices>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Saturday, March 10, 2018 12:12:09 AM  
To: Antonakakis, Manos <manos@gatech.edu>; thpatel@kududyn.com  
Subject: fyi

<https://www.securityweek.com/nsa-used-simple-tools-detect-other-state-actors-hacked-devices>

From: Angelos D. Keromytis <[REDACTED]>

Sent on: Sunday, January 21, 2018 7:08:32 PM

To: Manos Antonakakis <manos@gatech.edu>

Subject: fyi

Attachments: Statement of Purpose Karakatsanis.pdf (260.55 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Sunday, December 10, 2017 8:16:21 PM  
To: [REDACTED]; manos@gatech.edu  
CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
Subject: fyi

<https://citizenlab.ca/2017/12/champing-cyberbit-ethiopian-dissidents-targeted-commercial-spyware/>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, October 3, 2017 3:57:03 AM  
To: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
CC: Childs, Nixon P CIV (US <nixon.p.childs.civ@mail.mil>; Wilson, Ryan D CIV (US <ryan.d.wilson38.civ@mail.mil>; Whalen, Daniel J CW2 USARMY CYBER PRO BDE (US <daniel.j.whalen14.mil@mail.mil>; Lucy, David P CW4 USARMY CYBER PRO BDE (US <david.p.lucy.mil@mail.mil>; talarse@nsa.gov; Keromytis, Angelos D CIV DARPA (US <angelos.keromytis@darpa.mil>; Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; [REDACTED]; chunt@fbi.gov; wdware@fbi.gov  
Subject: Georgia Tech Enhanced Attribution Meeting 10/04 --- Room Location

Folks, please relay this message to your teams and whoever is planning to attend. Note we still have room for 5 more people.

The meeting will take place at:

Klaus Advance Computing Building, Room 3402.  
Georgia Institute of Technology  
266 Ferst Drive, Atlanta, GA 30332-0765

The room fits 25 people, and from the responses I have received (so far) we should be less than (or about) 20. We will have breakfast starting at 08.00am and (working) lunch will be served at 11.30am. If you plan to drive, you can park here, right besides the School of Physics Building, at the West campus visitor parking:

<https://tinyurl.com/GT-coc-guest-park>

Then you can simply walk to Klaus Advance Computing Building. Our meeting room 3402 will be at the third floor (two doors on the right from my office, room 3364).

Chad/Davey, I know this is a late notice, however, you are more than welcome to attend (if you wish). Michael, can explain more about this tomorrow.

If you need anything, my cell phone is (202) 285-0909. You can call me anytime.

Looking forward hosting you at Georgia Tech and the Astrolavos Lab --- safe travels!

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Paul Vixie <vixie@fsi.io>  
Sent on: Tuesday, November 14, 2017 12:04:35 AM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: gtisc and farsight

manos, thanks again for your time today. as promised, i am following up with the URI needed to request a grant of services from farsight. it is:

<https://www.farsightsecurity.com/grant-access/>

to be clear and to repeat for emphasis, your academic no-fee work at gtisc would qualify for a grant of whatever farsight passive-dns services you or your students may need. this was never contingent on the DHS-funded project we were both part of. we have academic research partners all over the world, and would be proud to count georgia tech among them.

obviously we also hope that your lab will consider running a passive dns sensor, to enrich the services we offer to both our academic and commercial users. this is a matter for your own discretion.

--

P Vixie

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Wednesday, October 10, 2018 1:21:39 AM

To: Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; Achanta, Venkat <Venkat.Achanta@team.neustar>; Joffe, Rodney <Rodney.Joffe@team.neustar>; Maddern, Thomas (contr-i2o) <Thomas.Maddern.ctr@darpa.mil>

CC: Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; Ian Crone <ian.crone@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>

Subject: HACCS --- clarifications and status update

Hey Venkat and Rodney,

I spent some time today at DARPA with Allison and Tom. My understanding is that it could take up to 40 days until GT will be able to receive a portion of the funds for your data. Once that portion is received, GTRI will have to follow their processes (please be proactive and coordinate with Michael about what these processes are) to get the PO out to you.

Despite the fact that Ian (the new PM for the program) and Michael (the GTRI PI) are extremely busy people, I would highly suggest that after the PO has been issued from GTRI, you should have a discussion with them on how the future POs will be scheduled/executed. This will help avoid any confusion, and set expectations right for all parties.

It is advisable to reach out to Tom and Allison on any inquires you may have about the status of future dataset POs for HACCS. While technically Michael has the final authority to issue the PO, Tom and Allison are the ones able to give you a sense (after coordinating with Ian, of course) on when funds will be allocated for future HACCS datasets POs.

Your administrative POC as far as the GTRI/GT team goes for HACCS is Michael not me. Always happy to be consulted about technical issues that surrounds the data but I cannot be, for example, your POC for the POs. Michael is the PI, you should be working directly with him.

Rodney and Venkat. Sorry that this dragged for so long. It appears that we managed to place everything on the right path, so please follow the advise that the DARPA team (Tom, Allison & Ian) and Michael will offer you in the future. This way we can ensure a long and mutual beneficial collaboration between all parties, and we will not have to go through the same issues/miss-understandings ever again.

Many thanks,

—

Manos Antonakakis | manos@gatech.edu

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, May 18, 2018 1:45:39 AM  
To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Hall, John <John.Hall@team.neustar>  
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>  
Subject: HACCS add on for Neustar

Michael, please work with John to make sure that Neustar gets the add on that we discussed.

John, Michael will be working with Allison (from DARPA) to make everything happen for Neustar. Michael will also navigate the internal GT process on your behalf. Please work with him, as he needs more information from you. Please, follow Michael's lead.

Rodney, GT is closing the fiscal year. This will have to wait until the new fiscal year kicks in (Michael, is this June or July 1st?).

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Saturday, July 28, 2018 4:28:56 PM  
To: Lummis, Anant J <jimmy.lummis@security.gatech.edu>; Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>  
Subject: HACCS PI meeting and side talk

Hey Jimmy,

Per our discussion a couple of days ago, can you please swing by my office Monday (anytime that works for you after 13.00) to meet the DARPA and CyberCommand teams?

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Monday, July 2, 2018 6:28:18 PM

To: perdisci@gtisc.gatech.edu; Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>

CC: Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; Macon, George A <George.Macon@gtri.gatech.edu>

Subject: HACCS Team update: Dr. Perdisci

Folks,

As of today, Dr. Perdisci will be joining my team at GT to help me out for HACCS. After battling the University System of Georgia for almost 6 months, we won and Roberto will join my team at GT for at-least two years. In reality, he will never leave, but this is not the point of this email.

The point of this email is that Roberto will have the same level of access that I have to the cluster and the datasets for both HACCS and EA --- simply because he is part of my team and not GTRI. This is a critical point that I *\*must\** comply with so I will not violate my existing data NDAs. What this means for you? This means that, using the existing level of automation we have in place for EA, Roberto will be able to help you build some case studies that will help promote the HACCS program in the same way we did for the EA program.

Roberto will be the technical POC for HACCS when I am not available (or simply super busy with EA). I will bring him up to speed this week, clarify all SOW tasks, discuss the three case studies you want us to deliver (and all the problems associated with them), and by next week or so, he should be able to ready to take over the technical side of the Gnomon project.

Allison, please invite him to the bi-weekly calls, so Roberto can represent my team in these calls. Also, if you are still using the slack channel, invite him there too.

Final point I would like to clarify. I am not opting out from HACCS. I will be very much involved and I will have weekly discussions about everything with Roberto about the progress against the SOW and the case studies we will conduct under HACCS. This is just a way for me to manage both EA and HACCS without sacrificing the quality and rigor of the produced work.

Roberto shaped me as a young researcher while still a PhD student at GT. I cannot think of a better person to "sub" me until things calms down in EA.

Roberto, welcome to the team, buddy!

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, October 25, 2017 2:13:49 PM  
To: fabian@cs.unc.edu; Angelos D. Keromytis <[REDACTED]>  
Subject: Heads up --- I will need your help

Folks, Raheem will be pushing me for early tenure. What Raheem has communicated to me so far is:

- 5 names directly from you (an additional 5 names which will come from the Chair --- I will be providing this list to Raheem too).
- The external referees should be from peer institutions, Full professors. They should be of recognizable stature (e.g. IEEE Fellows).
- Yes, co-authors can be included (we provide directions to the letter writers if they've written proposals, papers, served on committees... with the candidate - just requires a disclosure).
- I can provide up to 5 names that I want to exclude/conflict out from the process.

What I am thinking so far to include in the 5+5 names is:

1. Fabian
2. A1
3. P1
4. Farnam
5. Virgil
6. Giovanni
7. Engin

(I think that if I ask these first 7 will write good letters --- correct me if you think otherwise since I suspect you have seen letters from them. Now I need three more from the following list --- please let me know if I overlooked anyone else.)

- Feamster
- Stefan (?)
- Christopher (?)
- Vern (?)
- Stolfo (?)

What I am thinking so far to exclude is:

- Mike R.
- Thoston Holz
- Ross Anderson
- Thomas Ristenpart (got in a fight this year at Usenix Sec PC)
- Avi (? --- I am not sure if he is still mad with me not going to JHU)

Would love your feedback on this.

Thanks,

Manos

---

From: Beyah, Raheem A  
Sent: Wednesday, October 25, 2017 8:32:06 AM  
To: Antonakakis, Manos  
Cc: Howard, Ayanna M  
Subject: Re: meeting

Thanks for rubbing in that you'll be at CCS! :)

On Oct 25, 2017, at 8:29 AM, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Happy to, Raheem.

Ayanna, do you have availability this week, or we should plan for sometime next week. Note, I will be attending a conference between Monday and Wednesday next week.

Cheers,

—

Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu) <<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Beyah, Raheem A  
Sent: Wednesday, October 25, 2017 6:43:28 AM  
To: Howard, Ayanna M; Antonakakis, Manos  
Subject: meeting

Hi Ayanna and Manos,

Can you two meet before Ayanna leaves her role to discuss the possibility of early promotion/tenure? Thanks!

Raheem

**From:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**Sent on:** Thursday, June 22, 2017 12:08:30 AM  
**To:** Patel, Tejas (contr-i2o)<tejas.patel.ctr@darpa.mil>; mikef@kududyn.com; manos@gatech.edu  
**Signed by:** KEROMYTIS.ANGELOS.D.1501999799 on Thursday, June 22, 2017 12:08:29 AM  
**Subject:** heh  
**Attachments:** Nameless.txt (484 Bytes)

<https://intel.malwaretech.com/pewpew.html>

Dr Angelos D. Keromytis  
Program Manager, Information Innovation Office (I2O)  
DARPA  
675 N. Randolph Street  
Arlington, VA 22203

(T) 571-218-4290

[Angelos.Keromytis@darpa.mil](mailto:Angelos.Keromytis@darpa.mil)(NIPR)  
[Angelos.Keromytis@darpa.smil.mil](mailto:Angelos.Keromytis@darpa.smil.mil)(SIPR)  
[Angelos.Keromytis@darpa.ic.gov](mailto:Angelos.Keromytis@darpa.ic.gov)(JWICS)

From: Angelos D. Keromytis <[REDACTED]>

Sent on: Friday, March 16, 2018 2:22:21 AM

To: Manos Antonakakis <manos@gatech.edu>

Subject: hmm

Attachments: PGP/MIME Versions Identification (12 Bytes), encrypted.asc (3.26 KB)

**From:** L Jean Camp [REDACTED] >  
**Sent on:** Sunday, March 4, 2018 10:59:53 PM  
**To:** Manos Antonakakis <manos@gatech.edu>; dagon <[REDACTED]>  
**Subject:** if you know anyone in Melbourne

Or Sidney? I am here until April 30.

I wanted to get the hell out of the very angry Midwest and hang out with people are less angry and unarmed. Also, I got to skip a good part of winter!

The whole open carry thing has become such a hemorrhoid on midwestern life: rarely dangerous, constantly annoying, and associated with bloody assholes. **Steve Myers was recruited by Apple. He and Cathy had many reasons but one was just not seeing people at the Kroger openly armed.**

Anyway as always looking for interest and funding for either phishing resilience measures, tools to improve resilience, or tools to mitigate risk.

Prof. L. Jean Camp

<http://www.ljean.com>

Research Gate: [https://www.researchgate.net/profile/L\\_Camp](https://www.researchgate.net/profile/L_Camp)

DBLP: <http://dblp.uni-trier.de/pers/hd/c/Camp:L= Jean>

SSRN: [https://papers.ssrn.com/sol3/cf\\_dev/AbsByAuth.cfm?per\\_id=262477](https://papers.ssrn.com/sol3/cf_dev/AbsByAuth.cfm?per_id=262477)

Scholar: <https://scholar.google.com/citations?user=wJPGa2IAAAAJ>

Make a Difference

<http://www.ieeeusa.org/policy/govfel/congfel.asp>

**From:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**Sent on:** Wednesday, August 16, 2017 9:39:05 PM  
**To:** manos@gatech.edu; mikef@kududyn.com  
**CC:** Patel, Tejas (contr-i2o)<tejas.patel.ctr@darpa.mil>  
**Signed by:** KEROMYTIS.ANGELOS.D.1501999799 on Wednesday, August 16, 2017 9:39:05 PM  
**Subject:** interesting article  
**Attachments:** Nameless.txt (193 Bytes)

<https://mobile.nytimes.com/2017/08/16/world/europe/russia-ukraine-malware-hacking-witness.html?>



**From:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**Sent on:** Thursday, November 2, 2017 5:45:20 PM  
**To:** manos@gatech.edu  
**CC:** Patel, Tejas (contr-i2o)<tejas.patel.ctr@darpa.mil>  
**Signed by:** KEROMYTIS.ANGELOS.D.1501999799 on Thursday, November 2, 2017 5:45:20 PM  
**Subject:** interesting article  
**Attachments:** Nameless.txt (243 Bytes)

<https://www.washingtonpost.com/news/the-switch/wp/2017/11/02/what-is-qiwi-and-how-is-it-related-to-russian-election-ads/>

From: Angelos D. Keromytis [REDACTED] >  
Sent on: Sunday, January 21, 2018 2:50:32 AM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: interesting reading

<https://cdn.securelist.com/files/2017/10/Guerrero-Saade-Raiu-VB2017.pdf>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Sunday, April 29, 2018 1:15:56 PM  
To: Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>; tejas@kududyn.com; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Subject: Interesting talk

[https://www.youtube.com/watch?v=u-j4KP\\_Is1Q](https://www.youtube.com/watch?v=u-j4KP_Is1Q)

Do not agree with all he talked about, but he makes several points that are valid.

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, April 25, 2018 12:50:59 AM  
To: tom@ncfta.net  
CC: Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>  
Subject: Introductions and invitation to DARPA EA PI meeting

Hey Tom,

Hope you are doing great!

Allow me to introduce you to the DARPA PM Dr. Angelos Keromytis. Angelos happens to be the PM from one of my projects with focus on attack attribution.

We are having the next PI meeting at Georgia Tech in Atlanta, June 8th. We would be very happy to have you in this meeting, if you want to join us. Angelos can give you more details about what we will be talking about if you ping him on the classified network.

Many thanks!

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Monday, October 29, 2018 5:17:01 PM  
To: rock.a.stevens.mil@mail.mil; Manos Antonakakis <manos@gatech.edu>  
Subject: Introductions

Manos,

Meet MAJ Rock Stevens, stationed in Augusta. He was very interested in the analysis you did back in ~May about the middle eastern botnet and the possibilities for neutralizing it. Chris is on vacation; if you have it handy, could you share it with Rock?

I think you had done some analysis more recently (last week?) at Chris' suggestion?

Rock, Manos is the PI for the Georgia Tech EA project and technical lead/co-PI on their HACCS project.

Best,

-Angelos

From: Antonakakis, Manos <manos@gatech.edu>

Sent on: Friday, April 13, 2018 4:03:14 PM

To: [REDACTED]

CC: Rodney Joffe <rjoffe@centergate.com>

Subject: Intros

Scott please meet Rodney. Rodney, please meet Scott. You two are local, and I think you should get together for lunch or dinner.

Thanks, Manos

---

Typos due to mobile device ...

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, May 17, 2018 10:03:18 PM  
To: Matt.Carothers@cox.com; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
CC: Smith, Jonathan <jonathan.smith@darpa.mil>; Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>  
Subject: Invitation to the upcoming EA PI meeting

Hey Matt,

Per our recent discussion around our attribution work in EA, you are invited to attend the next PI meeting in Atlanta (06/08/2018). The meeting will take place in GTRI's facilities (14th Street) --- more information will be shared as we get closer to June 8th.

Many thanks to the PM team, Dr. Smith and Dr. Keromytis, for granting this invitation.

Please work with Chris to finalize any other information that are necessary for you to attend this meeting.

Many thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Thursday, September 21, 2017 8:56:56 PM  
To: manos@gatech.edu  
CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
Subject: it would be good...

...to get me whatever stuff you have for Case 2 (SB) by tomorrow noon...I'll be meeting those guys in the afternoon.  
-Angelos



From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Wednesday, January 10, 2018 9:44:28 PM  
To: manos@gatech.edu  
CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
Subject: just for giggles

This:

<http://google.com-us3-war2.win-cool-prizes-today.bid/>

Was the target of a malvertisement redirect on NYTimes today! :)

Dr Angelos D. Keromytis  
Program Manager, Information Innovation Office (I2O)  
DARPA  
675 N. Randolph Street  
Arlington, VA 22203

(T) 571-218-4290

Angelos.Keromytis@darpa.mil <mailto:Angelos.Keromytis@darpa.mil> (NIPR)  
Angelos.Keromytis@darpa.smil.mil <mailto:Angelos.Keromytis@darpa.smil.mil> (SIPR)  
Angelos.Keromytis@darpa.ic.gov <mailto:Angelos.Keromytis@darpa.ic.gov> (JWICS)

From: Angelos D. Keromytis <angelos@keromytis.com>  
Sent on: Sunday, January 28, 2018 12:54:30 AM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: just fyi

I'm sure you've tightened everything down, but whatever. You can fast-forward to minute 48 for recommendations:

<https://youtu.be/xxOnWdfmAEc>

<https://github.com/wavestone-cdt/hadoop-attack-library>

-Angelos

From: Angelos D. Keromytis <[REDACTED]>  
Sent on: Wednesday, March 21, 2018 3:04:26 AM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: kai aloga...

<https://www.npr.org/2018/03/19/594839304/escaped-horses-clog-traffic-in-metro-atlanta?sc=tw>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, September 25, 2017 3:54:08 AM  
To: Joffe, Rodney <Rodney.Joffe@team.neustar>  
CC: rjoffe@centergate.com  
Subject: Letter for HACCS  
Attachments: Clarification\_quote\_Neustar.doc (35.5 KB)

Rodney, per our discussion please find the letter attached. I think you can use this a good first draft and build upon it.

What I would like is the final version of this letter alongside a quote for your data.

Cheers,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, May 2, 2018 3:40:42 AM  
To: Smith, Jonathan <jonathan.smith@darpa.mil>; Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>  
CC: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Subject: Local FBI request

Gents, we received a request from the local FBI office to help them with attribution in a case they are working on. Do not have the full details yet (loCs, etc.), but I would like to help them out if the request is not something extreme.

Please let me know if you object to this.

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Friday, December 15, 2017 7:33:13 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
Subject: meeting and stuff

Mano,  
The meeting is being scheduled for February 2 --- I \*assume\* Michael is the one on your side that is talking to Scott and doing the planning.

On a different note, it may be worth having a student look at a malware/botnet that some folks in industry have named ExploderBot.  
-Angelos

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Tuesday, August 14, 2018 4:31:44 PM

To: darin j <[REDACTED]>

CC: brandon@diux.mil; [REDACTED] Scott Taylor <[REDACTED]>;  
angelos.keromytis@darpa.mil

Subject: <no subject>

christopher.schneck.ctr@darpa.mil, jonathan.smith@darpa.mil

Bcc: manos@gatech.edu

Subject: Re: Questions re last visit

Reply-To:

In-Reply-To: [REDACTED] >

Hey Darin,

Thank you for your message. We have been instructed by DARPA to work on other active and very pressing cases. Please work with the PM team to slot this request into our queue.

Again, I would like to thank you for taking a trip down to GT. My lab and my team will always be here for you guys!

Thanks,

--

Manos Antonakakis | manos@gatech.edu

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Monday, July 23, 2018 11:15:37 PM

To: Manos Antonakakis <manos@gatech.edu>; perdisci@gtisc.gatech.edu; Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; Michael.Farrell@gtri.gatech.edu

Subject: Monday site visit

What's the specific location for the HACCS meeting?



From: Rodney Joffe <rodney.joffe@team.neustar>  
Sent on: Tuesday, February 12, 2019 2:06:14 AM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: Neustar Executive Visit to PI meeting March 8th  
Attachments: signature.asc (242 Bytes)

Hello Manos,

As you know Neustar has been very involved in developing and improving our ability to provide capabilities and resources for you based on the apparent success of your EA and HACCS programs, using our data.

As a result, I wonder if it would be possible for me, our CEO Charlie Gottdiener, Venkat Achanta, our Chief Data Officer, and Adm. (Ret) Mike Mullen (past Chairman of the Joint Chiefs) who is a board director of our data subsidiary to visit you during the PI day on March 8th?

I think it would be extremely beneficial for my colleagues to see and understand the impact of our efforts, and to realize just how much of a difference we can make to the country's National Security efforts through GA Tech.

They all obviously understand the sensitivity of the PI briefing and meeting, and would respect and sign whatever attendee documents are required of other sub-contractors on your program.

Respectfully

Rodney

=====  
Rodney Joffe  
SVP, Senior Technologist, and Fellow  
National Security Executive  
Neustar, Inc.  
21575 Ridgetop Circle  
Sterling VA 20166  
USA  
+1 202-533-2900 Direct  
+1 602-418-6471 Cell  
rodney.joffe@team.neustar

**From:** "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
**Sent on:** Friday, March 12, 2021 12:43:53 AM  
**To:** Kline, Allison<allison.kline@darpa.mil>; Rodney Joffe<rodney.joffe@team.neustar>  
**CC:** Schneck, Christopher (contr-i2o)<christopher.schneck.ctr@darpa.mil>  
**Subject:** New DARPA EA PM

Hey Rodney,

Allow me to re-introduce to Allison, who is the new EA PM. I think it would be a great idea for the two of you to get on a call and catch up about the status of things.

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu  
College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, January 28, 2020 9:01:26 PM  
To: Rodney Joffe <rodney.joffe@team.neustar>; Neal, Alexander G <agneal7@gatech.edu>  
CC: Rodney Joffe <rjoffe@centergate.com>  
Subject: NSR data transfer issues

Hey Rodney,

Circled back with my team and it appears that we had some problems with the last few shipments of data from NSR. We do not have any storage problems from our end, so what I would suggest we do is put Alex (CCed) in touch with someone in your team to both: fix the issues we have with the drives you sent to us but also speed up the process (so we can get the remaining data faster).

While I do not think there is a call necessary, happy to jump on a call if you want me to.

Thanks,

—

Manos Antonakakis | Associate Professor | manos@gatech.edu  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, August 22, 2017 7:07:56 PM  
To: Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>; Patel, Tejas H CTR (US) <tejas.patel.ctr@darpa.mil>  
Subject: On site visit update

Folks, if you are willing to have a working breakfast (starting at 8.30am), and a to-go lunch boxes, we can have the update in 4 hours, instead of 8. I know you are busy so every hour counts.

Up to you.

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Thursday, August 23, 2018 6:18:00 PM

To: Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>

CC: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; tejas@kududyn.com

Subject: Operation AppleJeus: Lazarus hits cryptocurrency exchange with fake installer and macOS malware

<https://securelist.com/operation-applejeus/87553/>

—

Manos Antonakakis | manos@gatech.edu

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Paul Vixie <vixie@fsi.io>

Sent on: Thursday, November 9, 2017 11:41:43 PM

To: Manos Antonakakis <manos@gatech.edu>

Subject: ping

i'm in atlanta tonight, having dinner with dagon.

it made me remember that i owe you several apologies, for farsight's insensitivity and rudeness when we were commercializing DNSDB and SIE.

i would like to have an opportunity to hear your grievances against us and answer them. even if it does not result in us working together, i feel a need to clear the air.

--

P Vixie

From: Rodney Joffe <rjoffe@centergate.com>

Sent on: Wednesday, June 6, 2018 9:16:16 PM

To: David Dagon [REDACTED]; David Dagon <dagon@cc.gatech.edu>

Subject: Please call me asap..

**From:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**Sent on:** Thursday, January 4, 2018 7:49:05 PM  
**To:** mikef@kududyn.com; manos@gatech.edu  
**CC:** Patel, Tejas (contr-i2o)<tejas.patel.ctr@darpa.mil>  
**Signed by:** KEROMYTIS.ANGELOS.D.1501999799 on Thursday, January 4, 2018 7:48:57 PM  
**Subject:** probably useful in the near future  
**Attachments:** Nameless.txt (207 Bytes)

<https://carnegieendowment.org/2018/01/04/iran-s-cyber-threat-espionage-sabotage-and-revenges-pub-75134>



From: Rodney Joffe <rodney.joffe@team.neustar>

Sent on: Thursday, August 3, 2017 6:04:35 PM

To: Ryan McGavran <Ryan.McGavran@team.neustar>; Manos Antonakakis <manos@gatech.edu>

Subject: Project agreement

Ryan and Manos,

Meet each other.

Ryan, Manos is the GA Tech professor who is leading the Active DNS project at GA Tech,  
Manos, Ryan is VP of Data strategy at Neustar, and has kindly volunteered to shepherd an agreement with you for the  
AWS/Azure compute for the project.

Over to you two

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Thursday, November 2, 2017 3:40:04 PM

To: manos@gatech.edu

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Thursday, November 2, 2017 3:40:00 PM

Subject: quick call

Attachments: Nameless.txt (32 Bytes)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, January 31, 2018 5:13:02 PM  
To: Angelos D. Keromytis <[REDACTED]>  
Subject: Fw: Daniel

Angele please tell Jonathan that Alenka kill this case internally. The reason was that he works too close to her area (?!?).

My apologies, but I tried.

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Jonathan M. Smith <jms@cis.upenn.edu>  
Sent: Monday, January 29, 2018 2:59 PM  
To: Antonakakis, Manos  
Subject: Daniel

<https://www.cis.upenn.edu/~danielg3/>

-JMS

Jonathan M. Smith  
Pompa Professor, Professor of CIS  
University of Pennsylvania  
Philadelphia, PA 19104

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, November 13, 2017 12:26:51 PM  
To: Joffe, Rodney <Rodney.Joffe@team.neustar>; Rodney Joffe <rodney.joffe@neustar.biz>  
Subject: Fw: EA PI Meeting: 1 December 2017 (Friday) at the DCC --- Response needed by COB on 27 November 2017  
Attachments: DARPA104.pdf (625.72 KB), DARPA60.pdf (636.01 KB)

Rodney, please note the new registration process you have to go through in order to attend the meeting. Let me know if you want to be there.

Cheers,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Monday, November 13, 2017 7:25 AM  
To: fabian@cs.unc.edu; [REDACTED]; Farrell, Michael D; Demar, Jeremy; perdisci@cs.uga.edu; Ahamad, Mustaque; Blough, Douglas M  
Subject: Fw: EA PI Meeting: 1 December 2017 (Friday) at the DCC --- Response needed by COB on 27 November 2017

Folks, please see inline -- the registration process has changed. Let me know if you can make this meeting.

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
Sent: Thursday, November 9, 2017 1:18 PM  
To: Maddern, Thomas (contr-i2o); Patel, Tejas (contr-i2o)  
Cc: [REDACTED]; Antonakakis, Manos; Robert Wright; Neil Costigan; Scott Tenaglia; Vince Urias; Stephen Schwab; Ben Radford  
Subject: EA PI Meeting: 1 December 2017 (Friday) at the DCC --- Response needed by COB on 27 November 2017

All:

The registration process for this PI meeting will be different from previous ones. Rather than going through a registration website, we're requesting that each PI respond to Tom Maddern (thomas.maddern.ctr@darpa.mil) with the names, organizations, and countries of citizenship for each of your team members planning on attending. Please provide this information by COB Monday, November 27th.

Each individual attending will need to bring a completed DARPA Form 104 (attached) along with a government issued ID to the meeting. Non-US citizens will need to submit a DARPA Form 60 (attached) in advance.

Due to a recent DARPA policy change, we are no longer permitted to collect registration fees for covering expenses associated providing with food and beverages at PI meetings. Instead, as shown in the agenda, time will be allowed for lunch and other refreshments to be purchased individually at one of the many local restaurants near DARPA or in the café near the building lobby.

Any questions or concerns you may have about this meeting can be directed to both Tom and myself.

Regards,

Tejas Patel

Systems Engineering and Technical Assistance

DARPA I2O

work: +1 571-218-4936

blackberry: +1 571-239-5912

NIPR: tejas.patel.ctr@arpa.mil

SIPR: tejas.patel.ctr@arpa.smil.mil

JWICS: tejas.patel.ctr@arpa.ic.gov

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, August 1, 2017 6:27:36 PM  
To: Angelos D. Keromytis <[REDACTED]>  
Subject: Fw: From Provost Rafael Bras - New Dean for CoE Announced

---

Manos Antonakakis | manos@gatech.edu  
FF7D 4DFD 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: coe-faculty-announce-request@lists.gatech.edu <coe-faculty-announce-request@lists.gatech.edu> on behalf of Kinard, L K <kay.kinard@coe.gatech.edu>  
Sent: Tuesday, August 1, 2017 1:01 PM  
Subject: [coe-faculty-announce] From Provost Rafael Bras - New Dean for CoE Announced

Dear Colleagues,

I am very pleased to announce that Steven W. McLaughlin, Steve Chaddick School Chair and professor, School of Electrical and Computer Engineering (ECE) has accepted our offer to become the next dean of the College of Engineering. The appointment will become effective Sept. 15.

As you know, Steve has served Georgia Tech for more than 20 years, and in that time, has provided steadfast leadership in a variety of roles. His service includes spearheading the Institute's international initiatives as vice provost, fostering a shared vision for our entrepreneurial programs as the co-founder of CREATE-X, and serving as a distinguished member and school chair of the ECE faculty.

A general announcement with additional detail will be sent to campus tomorrow via the Daily Digest, but given your role in the search, I wanted to give each of you some advance notice. I appreciate your discretion with this information until the public announcement is made.

Searches and transitions of this nature can certainly be grueling and we were successful because of the dedication of many individuals. First, let me thank Larry Jacobs for his leadership as interim dean. I'd also like to thank Julia Kubanek, search committee chair; Jennifer Herazy, search director; Mary Thomas, support staff of the search effort; and our dedicated selection committee and advisory group for their diligent work. Thank you, too, to the entire College of Engineering community for your engagement.

This is an exciting time for Georgia Tech, and I look forward to working with Steve as he assumes the role of dean.

Regards,  
Rafael L. Bras

Sent on behalf of the Provost by:  
Kay Kinard  
Director of Communications  
College of Engineering

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, March 9, 2018 12:13:40 PM  
To: Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>; Tejas Patel <[REDACTED]>  
Subject: Fw: Fully Funded - Prospective PhD CS Applicant (UNCLASSIFIED)

Does the name ring any bells?

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Wenke Lee <[REDACTED]>  
Sent: Thursday, March 8, 2018 10:17 PM  
To: Fuller, Jonathan D CPT USARMY ISEC (US)  
Cc: Kim, Taesoo; Antonakakis, Manos; Ndongi, Elizabeth N; Saltaformaggio, Brendan D  
Subject: Re: Fully Funded - Prospective PhD CS Applicant (UNCLASSIFIED)

Hi Jonathan,

Thank you for your interests in Georgia Tech! I'd be happy to talk to you, and Elizabeth can help schedule for us. I also suggest you to talk to Prof. Kim, Prof. Antonakakis, and Prof. Saltaformaggio (cc'd here). Thanks.

Wenke

On Thu, Mar 8, 2018 at 10:50 AM, Fuller, Jonathan D CPT USARMY ISEC (US) <jonathan.d.fuller.mil@mail.mil> wrote:

CLASSIFICATION: UNCLASSIFIED

Professor Lee,

I am a military service member that was recently award a fellowship allowing me to pursue a PhD in Computer Science on a full time, fully funded basis (3 year completion time) starting Fall 2019. I have an MS in Computer Science and my thesis research focused on investigating a relatively new IoT protocol resulting in several publications. Although my previous research is not specifically related to your current research, my broader interests in networking and security brought me to the IIPS page. Particularly, I am interested in Embedasploit and ROKI but am open to the various other research areas the IIPS provides. Given previous success of military personnel completing a CS PhD in 3 years a GT and the research conducted by the IIPS, I am more convinced of my desire to attend. I was hoping you would be available to discuss potential advising options if accepted and the feasibility of your support to complete in 3 years. Any help you can provide would be greatly appreciated.

V/R,

Jonathan Fuller

Captain, US Army

Jonathan.d.fuller.mil@mail.mil <mailto:Jonathan.d.fuller.mil@mail.mil>



CLASSIFICATION: UNCLASSIFIED



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, May 4, 2018 2:49:41 PM  
To: Patel, Tejas H CTR (US) <tejas.patel.ctr@darpa.mil>; Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>  
CC: Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Subject: Fw: Georgia Tech Global Learning Center (GLC)/Hackathon

OK, Gents. We did some digging around and we found this great deal inline. \$5100 for room, food, coffee, etc, for 4 days.

This is located adjacent to the GT hotel. So, if you want to host the hackathon the week after the PI meeting, it can be done and it can be done relatively cheaply.

The only problem I have with this is that I have to spend money from my foundation account. As JMS and Aneghos can testify, foundation accounts are kind of priceless. However, if this will help the TA2 transition and the synergy around the entire problem, I would be happy to eat this bill.

Angelos, JMS, Tejas; your thoughts please? We have to move fast so we can secure the place for this event. If we end up with a "yes, lets do it", I will need Chris to work with Michael M. in organizing this (invitations, logistics, etc.).

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Mitchell, Michael F  
Sent: Friday, May 4, 2018 9:36 AM  
To: Antonakakis, Manos  
Subject: FW: Georgia Tech Global Learning Center (GLC)/Hackathon

Hey Manos,

I spoke with our planning and events person for ECE about the Hackathon event per our conversation. She reached out to the Global Learning Center to get an estimate on what they charge for things. They responded fairly quickly with a cost of \$85 per day which includes the room, a buffet lunch, continental breakfast (with 1 Hot item) and a continuous snack/food break service from 7pm to 5 pm which I believe includes self serve coffee, but I will need to verify to be sure.

For 15 people per our meeting it would cost about \$5100. You currently have about 18,000 in the foundation account currently. If this is something you want to do I think this is probably the best/easiest way to do it. Since the week before June 9th seems to be filling up with activities, I think the week after would be best.

Let me know what you want to do.

Michael

From: Oliva, Joanna  
Sent: Wednesday, May 2, 2018 6:05 PM  
To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
Subject: Fw: Georgia Tech Global Learning Center (GLC)/Hackathon

Hey Michael,

Please see the quote below from the GLC! Let me know if you would like to move forward or have any questions.

Joanna Oliva  
Event Coordinator  
School of Electrical and Computer Engineering  
Phone: 404.894.9827  
Email: joanna.oliva@ece.gatech.edu <mailto:joanna.oliva@ece.gatech.edu>

---

From: Clement, Crystal D  
Sent: Wednesday, May 2, 2018 4:43:41 PM  
To: Oliva, Joanna  
Subject: Georgia Tech Global Learning Center (GLC)/Hackathon

Hi Joanna,

I received your information about the event in June. I do have availability for both sets of dates. Below is the pricing on a per person basis. Please review and let me know if you have any questions or need anything else from me. We would love to host!

\$85 per person, per day with PeopleSoft #

Full Day Meeting Package with Lunch includes:

- Meeting space – general session room
- Premium Tech AV Package[1] with on-site support
- Buffet Lunch
- BuzzBreak – our continuous food break service provided throughout the duration of your program (7am – 5pm), including a full continental breakfast with one hot item
- Complimentary shuttle service from MARTA station (4 blocks)
- 

Audio visual equipment included in the above package:

Premium Tech AV package includes ceiling mounted LCD projector, built in screens, document camera, lectern with control system touch panel, built in VCR, and laptop connectivity. There will be an hourly charge for set up, personnel, and/or equipment beyond the Premium Tech AV package.

1st or 3rd floor breakout rooms are \$500 per breakout, per day.

Exhibitor Package:

\$75 per exhibit table, per day

6 ft banquet table

Black stretchy linen

Power cord and outlet strip

Chair

Trash can

Thanks!

Crystal Clement

Sales Manager

Georgia Tech Global Learning Center

84 5th St. NW, Atlanta, GA 30308-1031

404-385-1690 | [crystal.clement@pe.gatech.edu](mailto:crystal.clement@pe.gatech.edu) <mailto:crystal.clement@pe.gatech.edu>

LinkedIn <<http://www.linkedin.com/company/georgia-tech-global-learning-center>> |  
[www.gatechcenter.com](http://www.gatechcenter.com) <<http://www.gatechcenter.com/>>

---

[1] Premium Tech AV Package includes: Ceiling mounted LCD projector, built in screens, document camera, lectern with control system touch panel, built in VCR, and laptop connectivity.

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, August 14, 2018 6:59:37 PM  
To: Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>  
Subject: Fw: Important D60: DARPA's 60th Anniversary Symposium Cybersecurity Information

This is just too funny.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Kintis, Panagiotis  
Sent: Tuesday, August 14, 2018 1:56 PM  
To: Antonakakis, Manos  
Subject: Fwd: Important D60: DARPA's 60th Anniversary Symposium Cybersecurity Information

Panagiotis (Panos), Kintis.  
<http://about.me/kintis>

kintis@gatech.edu <<mailto:kintis@gatech.edu>>  
panagiotious@gmail.com <<mailto:panagiotious@gmail.com>>  
P Think before you print!

Begin forwarded message:

From: DARPA60 <DARPA60@darpa.mil <<mailto:DARPA60@darpa.mil>>>  
Subject: Important D60: DARPA's 60th Anniversary Symposium Cybersecurity Information  
Date: July 20, 2018 at 11:45:52 EDT  
Cc: DARPA60 <DARPA60@darpa.mil <<mailto:DARPA60@darpa.mil>>>

All,

Unfortunately hackers are using our DARPA 60th event to target the DoD and others with phishing emails and malware. If you receive an email or have already received one from 60thDARPA[.]net, do not open it and definitely do not click on any attachments or links in emails from this sender.

The only legitimate emails related to our DARPA event will come from our official DARPA60@darpa.mil <<mailto:DARPA60@darpa.mil>> address or when registering you will receive an automated response from event\_registration@bah.com <[mailto:event\\_registration@bah.com](mailto:event_registration@bah.com)>.

Despite this unfortunate incident, we are looking forward to seeing you at D60 in September and if you have any questions about this incident or the event, please contact us at DARPA60@darpa.mil <<mailto:DARPA60@darpa.mil>>.

Sincerely,  
DARPA60

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, March 15, 2018 3:37:15 PM  
To: Joffe, Rodney <Rodney.Joffe@team.neustar>  
Subject: Fw: Interview with Niloofar Howe

Anything I need to know about this?

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Thursday, March 15, 2018 10:36 AM  
To: Riley, Theresa  
Cc: Achanta, Venkat  
Subject: Re: Interview with Niloofar Howe

Theresa, I can only do Friday April 6th between 10-12. This has to be a video call of some sort.

Many thanks,

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Riley, Theresa <Theresa.Riley@team.neustar>  
Sent: Wednesday, March 14, 2018 1:48:25 PM  
To: Antonakakis, Manos  
Cc: Achanta, Venkat  
Subject: Interview with Niloofar Howe

Good afternoon Manos. My name is Theresa Riley, and I am Venkat Achanta's assistant at Neustar. I have been asked to reach out to you for availability to speak with Niloo and discuss Neustar's presence in the security space. The candidate's name is Niloofar (goes by Niloo) Howe. Lisa Hook may have already spoken to you about this person.

Here are some dates/times that I was given by Niloo's office – all times listed are Eastern. Please let me know all dates/times that would work for your schedule and I will get back to you with a confirmation. The preference would be for this to be a video conference.

I have attached her resume to this e-mail.

Thank you,  
Theresa  
(571) 434-5512

Tuesday (March 20th)  
11:00 to 2:30

Monday (April 2nd)

10:00 to 2:30

Wednesday (April 4th)

10:00 to 2:30

Thursday (April 5th)

10:00 to 11:00 AM

12:30 to 2:30 PM

Friday (April 6th)

10:00 to 1:30 PM

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, November 8, 2017 7:53:35 PM  
To: Joffe, Rodney <Rodney.Joffe@team.neustar>  
CC: Rodney Joffe <rodney.joffe@neustar.biz>  
Subject: Fw: Notification HR001117S0051-HACCS-FP-029  
Attachments: Letter 029.pdf (373.62 KB)

Great news Rodney, we got the official notification that we won HACCS! Please relay the news internally to your team.

Cheers,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: HACCS <haccs@darpa.mil>  
Sent: Wednesday, November 8, 2017 12:31 PM  
To: Antonakakis, Manos; Farrell, Michael D  
Cc: HACCS  
Subject: Notification HR001117S0051-HACCS-FP-029

Dear Proposer,

Please see the attached file regarding your proposal submission (HR001117S0051-HACCS-FP-029) that was submitted to the Harnessing Autonomy for Countering Cyberadversary Systems (HACCS) solicitation.

Regards,

DARPA/I2O

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, March 27, 2018 2:53:45 AM  
To: Joffe, Rodney <Rodney.Joffe@team.neustar>  
Subject: Fw: Resume  
Attachments: [REDACTED]\_resume3.pdf (181.99 KB)

If you are looking for a threat researcher, she is a young one that has the potential to grow. She is very close to be done with her undergrad at GT and she is looking for a full time position.

We can talk more if you like her resume.

Again, key point; she is young, but has the potential to grow into something good.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: [REDACTED]  
Sent: Monday, March 26, 2018 8:02 PM  
To: Antonakakis, Manos  
Subject: Resume

Manos,

As we discussed, here's my resume.

Thanks!

[REDACTED]



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, August 21, 2017 10:51:40 PM  
To: Angelos D. Keromytis [REDACTED] >  
Subject: Fw: Sal Stolfo visit

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Lee, Wenke  
Sent: Monday, August 21, 2017 5:46 PM  
To: Ahamad, Mustaque; Orso, Alessandro; Antonakakis, Manos; Fortnow, Lance J  
Subject: Sal Stolfo visit

Hi Mustaque, Alex, Lance, and Manos,

Sal will be here 9/18-20 for RAID and he likes to visit, e.g., gives a talk and talks to folks. Can we have a SCS seminar? Just so you know, he wants to move and he is exploring and giving talks at a few places.

Best wishes,

Wenke

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, October 26, 2017 3:32:10 AM  
To: fabian@cs.unc.edu; mdbailey@illinois.edu; Angelos D. Keromytis <[REDACTED]>  
Subject: Fw: VMware Systems Research Award: Request for Nominations - Due November 3

Folks, can I count on your recommendations for this award? Will be buying drinks next time we meet.

Cheers,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Beyah, Raheem A  
Sent: Wednesday, October 25, 2017 6:53 PM  
To: Antonakakis, Manos  
Cc: Romberg, Justin; Howard, Ayanna M  
Subject: Fwd: VMware Systems Research Award: Request for Nominations - Due November 3

Manos,

We'd like to nominate you for this. Doesn't seem like a heavy lift. Interested?

thx!

Raheem

—  
Nomination process:

- \* Nominations may be submitted by the department chair (one per department chair).
- \* Each submission should include a proposed citation of at most 20 words, contact information for three references, and a one-page summary statement concerning the originality, impact, and future potential of the nominee's research.
- \* Nominations must be submitted via email to sysaward@vmware.com <<mailto:sysaward@vmware.com>>

Begin forwarded message:

From: "McLaughlin, Steven W" <swm@coe.gatech.edu<mailto:swm@coe.gatech.edu>>  
Subject: Fwd: VMware Systems Research Award: Request for Nominations  
Date: October 25, 2017 at 5:48:10 PM EDT  
To: "Beyah, Raheem A" <rbeyah@ece.gatech.edu<mailto:rbeyah@ece.gatech.edu>>, "Romberg, Justin" <jrom@ece.gatech.edu<mailto:jrom@ece.gatech.edu>>

Fyi - assume you will send out

Get Outlook for iOS <<https://aka.ms/o0ukef>>

---

From: Chris Ramming <chrisramming@vmware.com<mailto:chrisramming@vmware.com>>  
Sent: Wednesday, October 25, 2017 5:24:17 PM  
To: McLaughlin, Steven W

Subject: RE: VMware Systems Research Award: Request for Nominations

Dear Prof. McLaughlin,

In the event you and your colleagues are considering a nomination, may I offer a respectful reminder that the deadline is November 3 next week?

Sincerely,

Chris

From: Chris Ramming

Sent: Wednesday, September 27, 2017 2:22 PM

To: 'swm@ece.gatech.edu <mailto:swm@ece.gatech.edu>' <swm@ece.gatech.edu <mailto:swm@ece.gatech.edu>>

Subject: VMware Systems Research Award: Request for Nominations

Dear Prof. McLaughlin,

In 2016 we initiated a new annual award that celebrates an exceptional early-career faculty member conducting computer science systems research. The award provides USD \$100,000 in support of his/her research. Eligible faculty are those within five years of their first tenure-track appointment. For full details of the award please visit

<http://www.vmware.com/company/sysaward.html>. In 2016, this award went to Professor Matei Zaharia <

<https://www.vmware.com/radius/systems-research-award-2016/>> of Stanford University.

We are pleased to open the nomination window for 2017 and request nominations by November 3, 2017. Nominations are limited to one per department chair (or equivalent).

VMware traces its roots to academic research, and we feel a special responsibility to support the growth and vitality of this important community. We hope you and your colleagues will consider nominating someone whose early-career systems research you believe most role-models originality, impact, and future promise.

For questions, or to submit a nomination, please email [sysaward@vmware.com](mailto:sysaward@vmware.com) <<mailto:sysaward@vmware.com>>.

Sincerely,

Chris

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Sunday, October 29, 2017 5:56:58 PM  
To: fabian@cs.unc.edu; Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>; perdisci@cs.uga.edu  
Subject: Fw: VMware Systems Research Award: Request for Nominations - Due November 3  
Attachments: ManosAntonakakis.pdf (48.77 KB)

FYI- Gents. Thanks for taking time to write the letter for me. What I am pushing here is the reputation system I build back in the day. For its time it was the first dynamic reputation system for Internet DNS infrastructure.

Not sure when/if they will reach out.

Cheers,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Sunday, October 29, 2017 12:53 PM  
To: Beyah, Raheem A  
Cc: Romberg, Justin; Howard, Ayanna M  
Subject: Re: VMware Systems Research Award: Request for Nominations - Due November 3

Hey Raheem,

You need the following from me:

- 1) A proposed citation of at most 20 words
  - Antonakakis, Perdisci, Dagon, Lee and Feamster. "Building a Dynamic Reputation System for DNS", In the 19th USENIX Security Symposium.
- 2) Contact information for three references:
  - Dr. Fabian Monrose, Kenan Distinguished Professor in the Computer Science department at the University of North Carolina at Chapel Hill, fabian@cs.unc.edu
  - Dr. Angelos Keromytis, DARPA Manager and Associate Professor Department of Computer Science, Columbia University, New York, angelos.keromytis@darpa.mil
  - Dr. Roberto Perdisci, Associate Professor, Department of Computer Science, University of Georgia, perdisci@cs.uga.edu
- 3) A one-page summary statement concerning the originality, impact, and future potential of the nominee's research.
  - Attached.

Please let me know if you need anything more.

Cheers,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Beyah, Raheem A  
Sent: Friday, October 27, 2017 4:26:14 PM  
To: Antonakakis, Manos

Cc: Romberg, Justin; Howard, Ayanna M

Subject: Re: VMware Systems Research Award: Request for Nominations - Due November 3

Yup. Thx.

On Oct 25, 2017, at 10:25 PM, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Happy to apply Raheem. I should be able to have everything ready before I fly out for CCS on Monday morning. Would that work?

Cheers,

—

Manos Antonakakis | manos@gatech.edu<<mailto:manos@gatech.edu>>

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Beyah, Raheem A

Sent: Wednesday, October 25, 2017 6:53:43 PM

To: Antonakakis, Manos

Cc: Romberg, Justin; Howard, Ayanna M

Subject: Fwd: VMware Systems Research Award: Request for Nominations - Due November 3

Manos,

We'd like to nominate you for this. Doesn't seem like a heavy lift. Interested?

thx!

Raheem

—

Nomination process:

\* Nominations may be submitted by the department chair (one per department chair).

\* Each submission should include a proposed citation of at most 20 words, contact information for three references, and a one-page summary statement concerning the originality, impact, and future potential of the nominee's research.

\* Nominations must be submitted via email to [sysaward@vmware.com](mailto:sysaward@vmware.com) <

<mailto:sysaward@vmware.com>> <<mailto:sysaward@vmware.com>>

Begin forwarded message:

From: "McLaughlin, Steven W" <[swm@coe.gatech.edu](mailto:swm@coe.gatech.edu)<mailto:swm@coe.gatech.edu>> <<mailto:swm@coe.gatech.edu>>>

Subject: Fwd: VMware Systems Research Award: Request for Nominations

Date: October 25, 2017 at 5:48:10 PM EDT

To: "Beyah, Raheem A" <[rbeyah@ece.gatech.edu](mailto:rbeyah@ece.gatech.edu)<mailto:rbeyah@ece.gatech.edu>> <<mailto:rbeyah@ece.gatech.edu>>> ,

"Romberg, Justin" <[jrom@ece.gatech.edu](mailto:jrom@ece.gatech.edu)<mailto:jrom@ece.gatech.edu>> <<mailto:jrom@ece.gatech.edu>>>

Fyi - assume you will send out

Get Outlook for iOS <<https://aka.ms/o0ukef>>

---

From: Chris Ramming

<[chrisramming@vmware.com](mailto:chrisramming@vmware.com)<mailto:chrisramming@vmware.com>> <<mailto:chrisramming@vmware.com>>>



**From:** Rodney Joffe<rjoffe@centergate.com>  
**Sent on:** Monday, September 17, 2018 10:01:27 AM  
**To:** Manos Antonakakis<manos@gatech.edu>  
**Subject:** Fwd: [cw general] Change of Affiliation

One of yours?

Useful?

Begin forwarded message:

**From:** Paul Pearce <[pearce@cs.berkeley.edu](mailto:pearce@cs.berkeley.edu)>  
**Subject:** [cw general] Change of Affiliation  
**Date:** September 15, 2018 at 3:04:12 PM EDT  
**To:** "~~~~ CrimeWare ~~~~" <[cw-general@ops-trust.net](mailto:cw-general@ops-trust.net)>

Hello all,

I recently completed my PhD at UC Berkeley and have joined Georgia Tech as a professor of computer science.

I plan to keep doing the same type of research (abuse, cybercrime, APTs, censorship) and hope re-connect with you all at future events!

Aside: I am spending the next 10mo at Facebook as a visiting researcher with Site Integrity, but I am not representing them in any capacity, nor am I an appropriate contact for the company.

-Paul

--

[[ trident ]]: All message content remains the property of the author and must not be forwarded or redistributed without explicit permission.

**From:** Rodney Joffe<rodney.joffe@team.neustar>  
**Sent on:** Tuesday, April 3, 2018 11:29:02 PM  
**To:** Manos Antonakakis<manos@gatech.edu>  
**Subject:** Fwd: [EXTERNAL] Internet of Things - Neustar - Georgia Institute of Technology (Atlanta, GA)  
**Attachments:** 2016\_1117\_CDAIT\_Flyer.pdf (6.02 MB)

Thoughts?

Begin forwarded message:

**From:** "Hook, Lisa" <[lisa.hook@team.neustar](mailto:lisa.hook@team.neustar)>  
**Subject:** Fwd: [EXTERNAL] Internet of Things - Neustar - Georgia Institute of Technology (Atlanta, GA)  
**Date:** April 3, 2018 at 4:05:38 PM EDT  
**To:** "Joffe, Rodney" <[Rodney.Joffe@team.neustar](mailto:Rodney.Joffe@team.neustar)>

Should we do this? I don't know cost yet

Lisa A. Hook  
Neustar, Inc./President and Chief Executive Officer  
120 SW 8th Street, Miami, FL 33130  
Office: 571/434-5630. Mobile:202/907-5672  
[Lisa.Hook@team.neustar](mailto:Lisa.Hook@team.neustar)/[www.neustar.biz](http://www.neustar.biz)

Begin forwarded message:

**From:**"Louchez, Alain" <[Alain.Louchez@gtri.gatech.edu](mailto:Alain.Louchez@gtri.gatech.edu)>  
**To:**"Hook, Lisa" <[lisa.hook@team.neustar](mailto:lisa.hook@team.neustar)>  
**Subject:**[EXTERNAL] Internet of Things - Neustar - Georgia Institute of Technology (Atlanta, GA)

Dear Ms. Hook,  
The Georgia Institute of Technology ("Georgia Tech") has recently established a global sponsor-funded Internet of Things (IoT) Center, i.e., Center for the Development and Application of Internet of Things Technologies([CDAIT](#), pronounced "sedate").

In short, CDAIT could be viewed as a technological think tank (some might say a "think-and-do tank", i.e., action-oriented) focused on both engineering and business IoT dimensions, and composed of premier multinational companies (\*), widely recognized as leading the deployment of the Internet of Things.

Given the increasing importance of Internet of Things technologies to Neustar, we'd be delighted and honored to have the Company become a member of CDAIT (see attached flyer).

Please let me know if this is of interest.

Respectfully,

Alain

(\*) CDAIT members currently are (parent company's HQ (outside the US) in parentheses):**3M, AIG, AT&T, Boehringer Ingelheim**(Germany), **Cisco, Coca-Cola, Comcast,Eaton**(Ireland),**Georgia Pacific, Honeywell, IBM, Intel, Landis+Gyr** (Switzerland),**Michelin**(France),**Stanley Black and Decker, UPS, Verizon,and VMware.**



Alain Louchez  
Managing Director  
Center for the Development and Application  
of Internet-of-Things Technologies (CDAIT)  
75 5<sup>th</sup> Street, NW, Suite 900  
Atlanta, Georgia 30308  
PHONE: 404.407.8280  
EMAIL: [alain.louchez@gtri.gatech.edu](mailto:alain.louchez@gtri.gatech.edu)  
WEBSITE: [www.cdait.gatech.edu](http://www.cdait.gatech.edu)



The information contained in this transmission may contain privileged and confidential information. It is intended only for the use of the person(s) named above. If you are not the intended recipient, you are hereby notified that any review, dissemination, distribution or duplication of this communication is strictly prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.

**From:** Angelos D. Keromytis<[REDACTED]>  
**Sent on:** Monday, June 26, 2017 12:52:23 AM  
**To:** Manos Antonakakis<manos@gatech.edu>  
**CC:** Elizabeth Keromytis<[REDACTED]>  
**Subject:** Fwd: American Airlines Boarding Pass(es).  
**Attachments:** JXYSIU.pdf (53.01 KB)

Mano, can you print this for Elizabeth?

Note that she doesn't have TSA Pre flying back for some reason.  
-Angelos

Begin forwarded message:

**From:** [americanairlines@aa.com](mailto:americanairlines@aa.com)  
**Subject:** American Airlines Boarding Pass(es).  
**Date:** June 25, 2017 at 7:49:11 PM EDT  
**To:** [REDACTED]

You must print all attached boarding pass(es) before proceeding to the airport. This is not a valid mobile boarding pass.

Gate and terminal may change. Check airport monitors when you arrive or visit [flight status](#)

Thank you for choosing American Airlines.

If you are having trouble viewing the attachment, be sure that you have the appropriate software (Adobe Acrobat Reader). Adobe Reader versions for MS Windows, MS Windows NT, OS/2, Macintosh, and Unix platforms. [Download Adobe Reader](#)



From: Rodney Joffe <rodney.joffe@team.neustar>

Sent on: Friday, February 19, 2021 12:35:03 AM

To: Manos Antonakakis <manos@gatech.edu>

Subject: Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)

Attachments: An Invitation from Georgia Institute of Technology (Payments via ACHEFT).eml (59.55 KB)

Manos,

Could you please confirm that this is legitimate?

Thanks

Rodney

**From:** "Antonakakis, Manos" </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e6b0afc581e477db35a37c3a3a79aeb-Antonakakis>  
**Sent on:** Friday, February 19, 2021 12:52:45 AM  
**To:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>; Rodney Joffe<rodney.joffe@team.neustar>  
**Subject:** Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)  
**Attachments:** An Invitation from Georgia Institute of Technology (Payments via ACHEFT).eml (59.55 KB)

Michael, is this legitimate?

Thanks, Manos

**From:** Rodney Joffe <rodney.joffe@team.neustar>  
**Sent:** Thursday, February 18, 2021 19:35  
**To:** Antonakakis, Manos  
**Subject:** Fwd: An Invitation from Georgia Institute of Technology (Payments via ACH/EFT)  
Manos,

Could you please confirm that this is legitimate?

Thanks  
Rodney

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Friday, November 17, 2017 7:07:28 PM  
**To:** Angelos Keromytis<angelos.keromytis@darpa.mil>; Tejas Patel<tejas.patel.ctr@darpa.mil>  
**Subject:** Fwd: DoD Employee looking for contact info (Cyber Attribution Team)


How should I handle this?

---

Typos due to mobile device ...  
Begin forwarded message:

**From:** "Keen, Kayla (CIV)" <[knkeen@nps.edu](mailto:knkeen@nps.edu)>  
**Date:** November 17, 2017 at 12:42:16 EST  
**To:** "[manos@gatech.edu](mailto:manos@gatech.edu)" <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Subject:** RE: DoD Employee looking for contact info (Cyber Attribution Team)

Professor Antonakakis,  
My name is Kayla Keen. I am a DoD civilian employee, currently pursuing my PhD in Computer Science at the Naval Postgraduate School (NPS). I am trying to narrow down a topic for my dissertation research and am particularly interested in attribution information gained from binaries. I found your research in my deep dive, and was interested in learning more. Please let me know if you are interested in collaborating; I would be happy to set up a short meeting.

R,  
Kayla  
Kayla Keen  
  
[knkeen@nps.edu](mailto:knkeen@nps.edu)  
[kayla.keen@navy.mil](mailto:kayla.keen@navy.mil)

---

**From:** Toon, John D [[john.toon@comm.gatech.edu](mailto:john.toon@comm.gatech.edu)]  
**Sent:** Thursday, November 16, 2017 6:00 PM  
**To:** Keen, Kayla (CIV)  
**Cc:** [kayla.keen@navy.mil](mailto:kayla.keen@navy.mil)

**Subject:** RE: DoD Employee looking for contact info (Cyber Attribution Team)

Hi Kayla,  
Thanks for your interest. I might suggest you contact Manos Antonakakis. He's a professor in our School of Electrical Engineering and one of the principal researchers involved in the work.  
[manos@gatech.edu](mailto:manos@gatech.edu)

---

**From:** Keen, Kayla (CIV) [<mailto:knkeen@nps.edu>]  
**Sent:** Thursday, November 16, 2017 7:59 PM  
**To:** Toon, John D <[john.toon@comm.gatech.edu](mailto:john.toon@comm.gatech.edu)>  
**Cc:** [kayla.keen@navy.mil](mailto:kayla.keen@navy.mil)

**Subject:** DoD Employee looking for contact info (Cyber Attribution Team)  
John,

I saw you listed as a POC in the following article: <http://www.rh.gatech.edu/news/584327/17-million-contract-will-help-establish-science-cyber-attribution>

My name is Kayla Keen. I am a DoD civilian employee, currently pursuing my PhD in Computer Science at the Naval Postgraduate School (NPS).

I am trying to narrow down a topic for my dissertation research and am particularly interested in security aspects of computing, including attribution.

Specifically, I was hoping you could provide contact information for Michael Farrell (<https://iisp.gatech.edu/michael-farrell>) or another POC on the Attribution team.

Thanks!

R,

Kayla

Kayla Keen

[REDACTED]

[knkeen@nps.edu](mailto:knkeen@nps.edu)

[kayla.keen@navy.mil](mailto:kayla.keen@navy.mil)

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Friday, June 8, 2018 2:44:24 AM  
**To:** Rodney Joffe<rjoffe@centergate.com>  
**Subject:** Fwd: Engineered Biosystems Building

The meeting location for tomorrow morning. My talk starts at 10.30am.

---

Typos due to mobile device ...

Begin forwarded message:

**From:** "Farrell, Michael" <[Michael.Farrell@gtri.gatech.edu](mailto:Michael.Farrell@gtri.gatech.edu)>  
**Date:** June 7, 2018 at 17:51:52 EDT  
**To:** "Antonakakis, Emmanouil K" <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Subject:** **Engineered Biosystems Building**

[Engineered Biosystems Building](#)  
[950 Atlantic Dr NW, Atlanta, GA 30332](#)

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Wednesday, November 8, 2017 7:29:26 PM  
**To:** [REDACTED]  
**Subject:** Fwd: Family member tuition waiver

FYI

---

Typos due to mobile device ...  
Begin forwarded message:

**From:** "Mitchell, Michael F" <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>  
**Date:** November 8, 2017 at 14:07:02 EST  
**To:** "Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Subject:** RE: Family member tuition waiver

[REDACTED] and I reached out to HR regarding if there were any benefits like this. Unfortunately the only tuition exemptions are for employees only (TAP program).

M

-----Original Message-----

From: Antonakakis, Manos

Sent: Thursday, November 2, 2017 9:37 PM

To: Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>

Subject: Family member tuition waiver

Michael, can you please research something for me? Does GT offer faculty family members (i.e., if my wife wanted to take a class.) any tuition waiver/exemption?

Thanks,

-

Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668





**From:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**Sent on:** Thursday, July 26, 2018 9:06:36 PM  
**To:** Manos Antonakakis<manos@gatech.edu>; tejas@kududyn.com  
**CC:** Schneck, Christopher (contr-i2o)<christopher.schneck.ctr@darpa.mil>  
**Subject:** Fwd: Lazarus Activity - RFI  
**Attachments:** catch22.txt (748 Bytes)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Friday, November 30, 2018 4:40:52 PM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: Fwd: Message Notification

Begin forwarded message:

From: Mail Delivery System <MAILER-DAEMON@mailgate3.darpa.mil<mailto:MAILER-DAEMON@mailgate3.darpa.mil>>  
Date: November 30, 2018 at 11:38:03 EST  
To: <jonathan.smith@darpa.mil<mailto:jonathan.smith@darpa.mil>>,  
<angelos.keromytis@darpa.mil<mailto:angelos.keromytis@darpa.mil>>,  
<christopher.schneck.ctr@darpa.mil<mailto:christopher.schneck.ctr@darpa.mil>>  
Subject: Message Notification

Dear ITS Customer:

We regret that an email message sent to you from "Antonakakis, Manos" <manos@gatech.edu<mailto:manos@gatech.edu>> with a subject of Final slide deck for PI meeting could not be delivered as it exceeds the 40MB email attachment limit on the DARPA Unclassified Network.

Please request that the sender deliver the file to you via another method.

If you have any questions or concerns or require assistance with other methods to deliver the file, please contact the ITS Help Desk at (703) 527-5527 (Toll-free 1-888-562-6742) or send a message to Action@darpa.mil<<mailto:Action@darpa.mil>>.

Respectfully,

ITS Customer Support

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Friday, August 25, 2017 6:00:02 PM  
To: manos@gatech.edu  
Subject: Fwd: Nomination

I told them no, but the timing of this is funny given our recent conversation :)  
-Angelos

Begin forwarded message:

From: "Stony Brook University CEAS - Chair, Department of Computer Science"  
<SBU.ChairCS@russellreynolds.com<mailto:SBU.ChairCS@russellreynolds.com>>  
Subject: Nomination  
Date: August 24, 2017 at 4:14:21 PM EDT  
To: "angelos.keromytis@darpa.mil<mailto:angelos.keromytis@darpa.mil>"  
<angelos.keromytis@darpa.mil<mailto:angelos.keromytis@darpa.mil>>

Dear Dr. Keromytis,

On behalf of the Search Committee for the next Chair of the Department of Computer Science at Stony Brook University, we are delighted to inform you that you have been nominated as a candidate for this important leadership position. The Search Committee has solicited nominations from individuals for whom they have high regard, and your name has been suggested to us with great enthusiasm as one who would be an outstanding chair.

An academic unit of the College of Engineering and Applied Sciences, the Department of Computer Science (CS) is ranked within the top tier (#40) of national universities by U.S. News and World Report, and the National Research Council ranks CS among the top 10% of computer science graduate programs in the U.S. In the most recent Gourman report of undergraduate computer science programs, Stony Brook was ranked 15th in the U.S. and second in New York State. The Computer Science department has seen a substantial increase in majors as enrollment has grown from 678 undergraduates in 2012 to over 1,100 today. Computer Science is now the third largest undergraduate major on campus. With annual research expenditures of approximately \$8 million, the department is home to 42 tenured and tenure-track faculty members, 10 teaching and research faculty, and 500 graduate students (200 of which are Ph.D. students). Many of the faculty are engaged in multidisciplinary research with colleagues in Stony Brook's School of Medicine and the nearby Brookhaven National Laboratory and Cold Spring Harbor Lab.

In 2015, the department opened a 70,000 square-foot, state-of-the-art building to accelerate growth in collaborative research. In June 2017, the College of Engineering and Applied Sciences was awarded two grants totalling \$4.5 million to recruit and retain exceptional individuals that strengthen the University's research productivity in two high economic opportunity areas of state and national significance – artificial intelligence (AI) and cybersecurity. These hires will also accelerate the development of the emergent Institute for AI-Driven Discovery & Innovation.

Reporting to the Dean, the Department Chair will provide vision and leadership for the CS department to advance its national and international reputation. Interested candidates should have a Ph.D. in computer science or a related field, as well as an outstanding record in research with a strong funding record. The successful candidate must qualify to be a Full Professor with tenure.

Click here <<https://russellreynoldsassociates.sharefile.com/d-sd167ba864ab43048>> to view the Position Specification. If you are interested in considering the opportunity, please send a copy of your CV (and any supporting materials you deem relevant), so that we may share it with the Search Committee on a strictly confidential basis. All materials should be submitted electronically to SBU.ChairCS@russellreynolds.com<mailto:SBU.ChairCS@russellreynolds.com>. If you have questions about the opportunity or process, we would be delighted to schedule a conversation with you. Alternatively, you may email your questions.

We look forward to hearing from you.

Best,

Jett

Jett Pihakis

Russell Reynolds Associates

1700 New York Avenue, NW | Suite 400 | Washington, DC | 20006-5208

T: +1-202-654-7870 | Jett's bio <<http://www.russellreynolds.com/consultants/jett-pihakis>>

RussellReynolds.com <<http://www.russellreynolds.com/>>

Executive Assistant: Christina Richards

T: +1-202-654-7837

christina.richards@russellreynolds.com <<mailto:christina.richards@russellreynolds.com>>

---

This email may contain confidential information. If you are not the intended recipient, you should notify the sender and delete the email and any attachment.

All emails sent and received by members of Russell Reynolds Associates are scanned for viruses and may be monitored centrally.

If you have sent personal information to Russell Reynolds Associates, please read our Privacy Policy by clicking <http://www.russellreynolds.com/content/privacy-policy>

**From:** Angelos D. Keromytis <[REDACTED]>  
**Sent on:** Thursday, February 1, 2018 4:26:26 AM  
**To:** Manos Antonakakis <manos@gatech.edu>  
**Subject:** Fwd: offer - finally!  
**Attachments:** Angelos final offer.pdf (556.82 KB)

Begin forwarded message:

**From:** "Beyah, Raheem A" <[rbeyah@ece.gatech.edu](mailto:rbeyah@ece.gatech.edu)>  
**Subject:** offer - finally!  
**Date:** January 31, 2018 at 2:30:32 PM EST  
**To:** "Angelos D. Keromytis" <[REDACTED]>

Hi Angelos,

We finally received all of the approvals! Please find the offer letter attached. Please let me know if you have any questions. We look forward to you joining us.

Best,

Raheem

---

Raheem A. Beyah, Ph.D.  
Interim Steve W. Chaddick School Chair  
Motorola Foundation Professor  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
Van Leer Building, Suite 215  
777 Atlantic Ave  
Atlanta, GA 30332-0250 USA

Phone: +1 404-894-4468  
Twitter: @GeorgiaTech\_ECE

**From:** Angelos D. Keromytis <[REDACTED]>  
**Sent on:** Wednesday, November 29, 2017 2:49:17 AM  
**To:** Manos Antonakakis <manos@gatech.edu>  
**Subject:** Fwd: offer letter - draft  
**Attachments:** angelos offer - updated.pdf (72.31 KB)

Thoughts?

Begin forwarded message:

**From:** "Beyah, Raheem A" <[rbeyah@ece.gatech.edu](mailto:rbeyah@ece.gatech.edu)>  
**Subject:** **Re: offer letter - draft**  
**Date:** November 28, 2017 at 9:00:26 PM EST  
**To:** "Angelos D. Keromytis" <[REDACTED]>

Angelos,

Please find an updated draft letter attached. I've tried to address your concerns. I've highlighted the areas that I modified. Please let me know if you'd like to discuss this.

Best,

Raheem

> On Nov 25, 2017, at 4:00 PM, Angelos D. Keromytis <[REDACTED]> wrote:

>

> Raheem, this looks appropriate and mostly in line with the previous discussions with Steve, but misses the cluster hire aspect; to quote from the previous drafts:

>

> · Cluster hire in cybersecurity: As a School we are committed to grow our strength in cybersecurity and the vision you have for your activities is well aligned with this. We are currently preparing a GT-wide plan to hire 8-10 new tenure-track and research faculty in the next 6-8 years. In that plan, at least 4 of those positions will be in ECE, and these and many of the others may be joint across the Ivan Allen College and Colleges of Engineering and Computing. We will need you to play a major role in realizing that strategy.

>

> The other item I'd like to raise has to do with space: I don't particularly mind \*where\* space for staff and students will be, but I want it to be contiguous and sufficient to host the whole security cluster (both existing faculty and planned hires). I'd like this captured somehow in the letter; perhaps something along these lines:

>

> - To the extent possible, the location of such space [for staff and students] will be in close proximity to existing faculty members and groups in the same research area, and sufficient to accommodate future hires.

>

> Cheers,

> -Angelos

>

>

>

>> On Nov 21, 2017, at 8:45 AM, Beyah, Raheem A <[rbeyah@ece.gatech.edu](mailto:rbeyah@ece.gatech.edu)> wrote:

>>

>> Hi Angelos,

>>

>> Please find a draft of your offer letter attached. I believe it captures the parameters that you and Steve agreed on. Let's chat some time next week. Have a Happy Thanksgiving!

>>

>> Best,

>>

>> Raheem

>>

>>

>> -----

>> Raheem A. Beyah, Ph.D.

>> Interim Steve W. Chaddick School Chair

>> Motorola Foundation Professor

>> School of Electrical and Computer Engineering

>> Georgia Institute of Technology

>> Van Leer Building, Suite 215

>> 777 Atlantic Ave

>> Atlanta, GA 30332-0250 USA

>>

>> Phone: +1 404-894-4468

>> Twitter: @GeorgiaTech\_ECE

>>

>>

>>

>>

>> <angelos offer.pdf>

>



**From:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**Sent on:** Monday, January 29, 2018 7:18:54 PM  
**To:** Manos Antonakakis<manos@gatech.edu>  
**Signed by:** KEROMYTIS.ANGELOS.D.1501999799 on Monday, January 29, 2018 7:18:53 PM  
**Subject:** Fwd: Petabyte:  
**Attachments:** Nameless.txt (3.93 KB)

Begin forwarded message:

**From:** "Smith, Jonathan" <[jonathan.smith@darpa.mil](mailto:jonathan.smith@darpa.mil)>  
**Date:** January 29, 2018 at 13:39:52 EST  
**To:** "Keromytis, Angelos" <[angelos.keromytis@darpa.mil](mailto:angelos.keromytis@darpa.mil)>, "Patel, Tejas (contr-i2o)" <[tejas.patel.ctr@darpa.mil](mailto:tejas.patel.ctr@darpa.mil)>  
**Subject: FW: Petabyte:**

SuperStorage Server 6048R-E1CR90L

My System December 17th, 8:57 pm EST

Configured Price: \$92,861.00

Selection Summary

Barebone

Supermicro SuperStorage Server 6048R-E1CR90L - 90x SATA/SAS - LSI 3008 12G SAS - Quad 10-Gigabit SFP+ - 1000W Redundant

Processor

2 x Twenty-Two-Core Intel Xeon Processor E5-2699A v4 2.40GHz 55MB Cache (145W)

Memory

8 x 64GB PC4-19200 2400MHz DDR4 ECC Registered DIMM

Boot Drive

128GB SATA 6.0Gb/s Disk on Module (MLC) (Vertical)

Storage Drive

90 x 12TB SAS 3.0 12.0Gb/s 7200RPM - 3.5" - Hitachi Ultrastar He12 (512e)

Optical Drive

No Optical Drive Support

Controller Card

2 x Integrated LSI 3008 SAS 3.0 12Gb/s 8-port Host Bus Adapter

I/O Modules - Networking

Supermicro SIOM 10-Gigabit Ethernet Adapter AOC-MTG-i4SM (4x SFP+)

Operating System

No Operating System

Warranty

3 Year Depot Warranty (Return for Repair)

Tech Specs

Barebone

Memory Technology

DDR4 ECC Reg

Chipset

Intel C612

Form Factor

4U

Color

Black

Memory Slots

8x 288-pin DIMM Sockets

Graphics

ASPEED AST2400 BMC

Ethernet

Quad LAN with Intel XL710 10G SFP+

SIOM card for multiple IO options

Power

1000W Redundant Titanium Level Power Supplies with PMBus

External Bays

90x 3.5" Hot-swap SAS3/SATA3 drive bays

2x 2.5" rear Hot-swap SATA3 drive bays

Front Panel

Power On/Off button

Unit Identification (UID) button

Power status LED

Hard drive activity LED

Network activity LEDs

System information LED

Power fail LED

Back Panel

2x USB 3.0 ports

2x USB 2.0 ports

4x 10G SFP+ LAN ports

1x RJ45 Dedicated IPMI LAN port

1x VGA

1x serial port

SAS 12Gbps Controller

LSI 3008

SAS 12Gbps Ports

16

SATA 6Gbps AHCI Controller

Intel C612

SATA 6Gbps AHCI Ports

SATA 6Gbps SCU Controller

sSATA

SATA 6Gbps SCU Ports

4

Processor

Product Line

Xeon E5-2600 v4

Socket

LGA2011-v3

Clock Speed

2.40 GHz

QuickPath Interconnect

9.6 GT/s

Smart Cache

55MB

Cores/Threads

22C / 44T

Intel Virtualization Technology

Yes

Intel Hyper-Threading

Yes

Wattage

145W

Memory

Technology

DDR4

Type

288-pin DIMM

Capacity

8 x 64 GB

Speed

2400 MHz

Error Checking

ECC

Signal Processing

Registered

Boot Drive

Storage Capacity

128GB

Interface

6.0Gb/s Serial ATA

Storage Drive

Storage Capacity

90 x 12.0TB

Interface

12.0Gb/s SAS

Rotational Speed

7200RPM

Cache

256MB

Format

512e

Controller Card

Product Type

SAS Host Bus Adapter

Data Transfer Rate

12Gb/s SAS

Internal Ports

2 x 8 Ports

External Ports

2 x 0 Ports

I/O Processor

LSI SAS3008

RAID Levels

0, 1, 10, JBOD

Max Devices

128

I/O Modules - Networking

Speed

10Gb Ethernet

Connector

SFP+

Interface

Super I/O Module (SIOM) Form Factor



TX/RX Streams

Tx/Rx IP

Product Page:

<https://www.thinkmate.com/system/superstorage-server-6048r-e1cr90l/247659>

Thinkmate's Homepage:

<https://www.thinkmate.com/>

All prices subject to change.

**From:** Angelos D. Keromytis <[REDACTED]>  
**Sent on:** Saturday, January 20, 2018 4:32:55 PM  
**To:** Manos Antonakakis <manos@gatech.edu>  
**Subject:** Fwd: PhD student  
**Attachments:** CV Karakatsanis.pdf (180.5 KB)

If he's applied to GaTech...

Begin forwarded message:

**From:** Konstantinos Karakatsanis <[REDACTED]>  
**Subject:** Re: PhD student  
**Date:** January 20, 2018 at 10:01:14 AM EST  
**To:** "Angelos D. Keromytis" <[REDACTED]>  
**Cc:** Diomidis Spinellis <[dds@aueb.gr](mailto:dds@aueb.gr)>

Dear Mr. Keromytis,

I attach to you a short resume of mine.

At your disposal for any additional information or clarification.  
Yours sincerely,  
Konstantinos Karakatsanis

---



Virus-free. [www.avast.com](http://www.avast.com)

2018-01-19 4:24 GMT+02:00 Angelos D. Keromytis <[REDACTED]> >:  
Diomidi, thank you.

Konstantine, pleased to meet you. Do you have a CV? It's getting kinda late in the season to apply.  
Best,  
-Angelos

> On Jan 17, 2018, at 5:25 AM, Diomidis Spinellis <[dds@aueb.gr](mailto:dds@aueb.gr)> wrote:  
>  
> Hi Angele,  
>  
> I'm writing to introduce to you Konstantinos Karakatsanis (Cc'd), one of the best students graduating out department this year. He's looking at the possibility of doing a PhD in the US. Based on the interest you have expressed to bringing you in contact with such students I think it would be mutually beneficial to get in touch.  
>  
> Kind regards,  
>  
> Diomidis  
>

**From:** Angelos D. Keromytis <[REDACTED]>  
**Sent on:** Thursday, January 25, 2018 7:29:53 PM  
**To:** Manos Antonakakis <manos@gatech.edu>  
**Subject:** Fwd: PhD student

Begin forwarded message:

**From:** Konstantinos Karakatsanis <[REDACTED]>  
**Date:** January 25, 2018 at 12:42:41 EST  
**To:** "Angelos D. Keromytis" <[REDACTED]>  
**Cc:** Diomidis Spinellis <[dds@aueb.gr](mailto:dds@aueb.gr)>  
**Subject: Re: PhD student**

Dear Dr. Keromytis,

I decided to apply for the PhD program at Georgia Tech, but I saw that the deadline for the PhD admissions is on December the 15th. May I still apply for the PhD program or is it too late?

Yours sincerely,  
Konstantinos Karakatsanis

Στις 21 Ιαν 2018 21:13, ο χρήστης "Angelos D. Keromytis" <[REDACTED]>  
έγραψε:

Interesting.

Why are you applying for MSc? There aren't many opportunities for stipend-supported MS admissions; most faculty (myself included) look for PhD students who will commit to the ~5 year program. If you do apply to the MS program, you'll probably get admitted but you'll have to pay your way.

If you do stick with Columbia (MS or PhD), I suggest reaching out to Steve Bellovin or Roxana Geambasu — they'll probably be good fits for your interests.

If you're up for doing a PhD at Georgia Tech, then go ahead and apply; Manos Antonakakis and I would end up co-advising you.

Best,  
-Angelos

> On Jan 21, 2018, at 1:56 PM, Konstantinos Karakatsanis <[REDACTED]>  
> wrote:

>

> Dear Dr. Keromytis,

>

> I have begun my application for the MS in Computer Science at the Columbia University but I have not submitted it yet. I have already applied for the MS programs in Computer

Science at the following universities: Stanford, Carnegie Mellon, Princeton, UCLA, Imperial, ETH and EPFL. I attach to you my statement for the Columbia University as I have formed it until now.

>

> As far as my research interests are concerned, I am really interested in Software Engineering and how to build secure and maintainable software systems. In addition, in our days where big data and social media overwhelm us, I am very interested in how to protect these data and people's privacy. Finally, I am interested in IoT security, and especially in automotive security, which is more crucial than ever with the advent of autonomous cars.

>

> Your opinion and advice is of great importance to me.

>

> Yours sincerely,

> Konstantinos Karakatsanis

>

> Virus-free. [www.avast.com](http://www.avast.com)

>

> 2018-01-20 18:32 GMT+02:00 Angelos D. Keromytis <[REDACTED]>:

> Konstantine, what do you want to do, research wise? Do you have a statement? Have you applied for grad school?

>

> I have left Columbia and will be joining Georgia Tech in January 2019. I would be looking to recruit students there.

> -Angelos

>

>

> > On Jan 20, 2018, at 10:01 AM, Konstantinos Karakatsanis <[REDACTED]> wrote:

> >

> > Dear Mr. Keromytis,

> >

> > I attach to you a short resume of mine.

> >

> > At your disposal for any additional information or clarification.

> >

> > Yours sincerely,

> > Konstantinos Karakatsanis

> >

> > Virus-free. [www.avast.com](http://www.avast.com)

> >

> > 2018-01-19 4:24 GMT+02:00 Angelos D. Keromytis <[REDACTED]>:

> > Diomidi, thank you.

> >

> > Konstantine, pleased to meet you. Do you have a CV? It's getting kinda late in the season to apply.

> > Best,

> > -Angelos

> >

> >

> > > On Jan 17, 2018, at 5:25 AM, Diomidis Spinellis <[dds@aueb.gr](mailto:dds@aueb.gr)> wrote:

> > >

> > > Hi Angele,

> > >

> > > I'm writing to introduce to you Konstantinos Karakatsanis (Cc'd), one of the best students graduating out department this year. He's looking at the possibility of doing a PhD in the US. Based on the interest you have expressed to bring you in contact with such students I think it would be mutually beneficial to get in touch.

> > >

> > > Kind regards,

> > >

> > > Diomidis

> > >

> >

> >

> > <CV Karakatsanis.pdf>

>

>

> <Statement of Purpose Karakatsanis.pdf>

**From:** Antonakakis, Manos<manos@gatech.edu>

**Sent on:** Friday, January 19, 2018 3:11:52 PM

**To:** [REDACTED]

**Subject:** Fwd: Quick follow up

---

Typos due to mobile device ...

Begin forwarded message:

**From:** "Ahamad, Mustaque" <[mustaq@cc.gatech.edu](mailto:mustaq@cc.gatech.edu)>

**Date:** January 19, 2018 at 09:34:14 EST

**To:** Stelios Sidiroglou-Douskos <[stelios@csail.mit.edu](mailto:stelios@csail.mit.edu)>

**Subject:** Quick follow up

Stelios,

Thanks for getting your letters to us. I am getting great feedback from everyone you met and we should be able to get our faculty meeting and vote all wrapped up in the next two weeks. Based on feedback so far, I do hope we will be able to plan a second visit to Atlanta by you and your family in mid-February.

Please do not hesitate to give me a call at my mobile at [REDACTED] if you have any questions at all. I hate to spam you too many times but I am trying to quickly get everything done at this end so we can move forward to next steps.

I understand you will meet Vivek next week at a PI meeting. He will be able to answer questions as well.

Mustaque

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Wednesday, July 10, 2019 8:28:24 PM  
**To:** Ian Crone<ian.crone@darpa.mil>  
**BCC:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** [Fwd: Fw: connection for briefing on Enhanced Attribution]

This is the email. In this context I am reading the "program die" as the transition actually being killed (due to the entire context of this thread).

Maybe I am just reading into this too much.

----- Forwarded Message -----

From: "Antonakakis, Manos" <manos@gatech.edu>  
To: Ian Crone <ian.crone@darpa.mil>  
Subject: Fw: connection for briefing on Enhanced Attribution  
Date: Wed, 3 Jul 2019 08:37:52 -0400

FYI-

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: McConnell, Kirk (Armed Services) <Kirk\_McConnell@armed-services.senate.gov>  
Sent: Saturday, June 29, 2019 10:17 AM  
To: Rodney Joffe  
Cc: Antonakakis, Manos  
Subject: Re: connection for briefing on Enhanced Attribution

I believe that Farrell would rather see the program die than work with Congress.

Sent from my iPhone

On Jun 29, 2019, at 12:39 AM, Rodney Joffe <rjoffe@centergate.com<mailto:rjoffe@centergate.com>> wrote:

Jeez

What a piece of work! Glad you don't have any influence with DARPA's budget that Michael relies on.

Manos?

On Jun 29, 2019, at 12:31 AM, McConnell, Kirk (Armed Services) <Kirk\_McConnell@armed-services.senate.gov<mailto:Kirk\_McConnell@armed-services.senate.gov>> wrote:

Well, Michael is quite a guy isn't he?

Sent from my iPhone

Begin forwarded message:

From: "Farrell, Michael" <michael.farrell@iisp.gatech.edu<mailto:michael.farrell@iisp.gatech.edu>>  
Date: June 28, 2019 at 4:41:00 PM EDT  
To: "McConnell, Kirk (Armed Services)" <Kirk\_McConnell@armed-services.senate.gov<mailto:Kirk\_McConnell@armed-services.senate.gov>>  
Cc: Ian Crone <ian.crone@darpa.mil<mailto:ian.crone@darpa.mil>>, "lisa.heyeshes@darpa.mil<mailto:lisa.heyeshes@darpa.mil>" <lisa.heyeshes@darpa.mil<mailto:lisa.heyeshes@darpa.mil>>  
Subject: Re: connection for briefing on Enhanced Attribution

Kirk,

Thanks for your interest in Georgia Tech research. However, we (GT) have no comment or position on the below. In fact, going forward please contact DARPA directly about any and all issues or questions or comments related to the enhanced attribution program. The DARPA congressional liaison and program manager are copied on this message and can respond, as needed. The Georgia Tech/GTRI PI and Co-PIs on this research program are not the appropriate POCs for any questions, comments, or concerns.

The government, not GT, makes decisions related to funding and transition from research at DARPA to other entities. The focus of Manos, myself and other Co-PIs is completely on doing impactful research. We follow contractual requirements and relevant policies for our part of this program (and GT is only one part), and devote our energy to 'creating the next' in cyber security.

Best,

Michael

On Jun 25, 2019, at 12:24, McConnell, Kirk (Armed Services) <Kirk\_McConnell@armed-services.senate.gov<mailto:Kirk\_McConnell@armed-services.senate.gov>> wrote:

FYI. Andy is on the SAC-D staff. Andrew Pahutski from SCO is seeking approval from us on the Hill to shift some SCO money to Enhanced Attribution.

From: McConnell, Kirk (Armed Services)  
Sent: Tuesday, June 25, 2019 12:22 PM  
To: Heyes, Lisa (lisa.heyeshes@darpa.mil<mailto:lisa.heyeshes@darpa.mil>) <lisa.heyeshes@darpa.mil<mailto:lisa.heyeshes@darpa.mil>>; Vanlandingham, Andy (Appropriations) <Andy\_Vanlandingham@appro.senate.gov<mailto:Andy\_Vanlandingham@appro.senate.gov>>  
Subject: connection for briefing on Enhanced Attribution

Lisa –

Andy Vanlandingham is interested in learning more about DARPA's Enhanced Attribution cybersecurity program. It turns out that a current SCO program manager whom we know well is moving over to Cyber Command to help with the transition of this DARPA program to CYBERCOM. Thanks, Kirk

--

Manos Antonakakis | Associate Professor | manos@gatech.edu  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668



**From:** <baseball-bounces@centergate.com> on behalf of Alexander Dupuy<alexdupuy@google.com>  
**Sent on:** Friday, April 20, 2018 2:01:41 AM  
**To:** Rodney Joffe<rjoffe@centergate.com>; Puneet Sood<puneets@google.com>  
**CC:** baseball@centergate.com  
**Subject:** [DNS Inside Baseball 2017] Nominations  
**Attachments:** Nameless.txt (992 Bytes)

My colleague Puneet Sood <[puneets@google.com](mailto:puneets@google.com)>, who attended the meeting in San Francisco last October, would like to attend again this year (if possible, depending on date and location). I recall asking during the meeting about adding him to this list, but it seems to have somewhat slipped through the cracks and it didn't happen. At any rate, if there are no objections, I hope it would be possible to add him to this mailing list.

**I supported the nomination after last year's meeting to add Brian Hartvigsen from OpenDNS, and was glad to see that either he or someone else from OpenDNS/Umbrella is likely to attend this year's event.** Since last year's meeting there have been several new entrants in the public resolver area. CloudFlare is already represented, but I would also suggest that we invite someone from Quad9 as well; John Todd <[jtodd@quad9.net](mailto:jtodd@quad9.net)> would be the most likely choice.

---

Alexander Dupuy | Software Engineer | [alexdupuy@google.com](mailto:alexdupuy@google.com) | +1 646-462-3568

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Thursday, March 15, 2018 2:37:15 PM  
**To:** Joffe, Rodney<Rodney.Joffe@team.neustar>  
**Subject:** Fw: Interview with Niloofar Howe

Anything I need to know about this?

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Thursday, March 15, 2018 10:36 AM  
To: Riley, Theresa  
Cc: Achanta, Venkat  
Subject: Re: Interview with Niloofar Howe

Theresa, I can only do Friday April 6th between 10-12. This has to be a video call of some sort.

Many thanks,

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668


---

From: Riley, Theresa <Theresa.Riley@team.neustar>  
Sent: Wednesday, March 14, 2018 1:48:25 PM  
To: Antonakakis, Manos  
Cc: Achanta, Venkat  
Subject: Interview with Niloofar Howe

Good afternoon Manos. My name is Theresa Riley, and I am Venkat Achanta's assistant at Neustar. I have been asked to reach out to you for availability to speak with Niloo and discuss Neustar's presence in the security space. The candidate's name is Niloofar (goes by Niloo) Howe. Lisa Hook may have already spoken to you about this person.

Here are some dates/times that I was given by Niloo's office – all times listed are Eastern. Please let me know all dates/times that would work for your schedule and I will get back to you with a confirmation. The preference would be for this to be a video conference.

I have attached her resume to this e-mail.

Thank you,  
Theresa  


Tuesday (March 20th)  
11:00 to 2:30

Monday (April 2nd)  
10:00 to 2:30

Wednesday (April 4th)  
10:00 to 2:30

Thursday (April 5th)

10:00 to 11:00 AM

12:30 to 2:30 PM

Friday (April 6th)

10:00 to 1:30 PM

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Thursday, February 1, 2018 3:15:22 PM  
**To:** Hook, Lisa<lisa.hook@team.neustar>  
**CC:** Joffe, Rodney<Rodney.Joffe@team.neustar>  
**Subject:** Fw: Introductions Neustar <=> GT COE

Hey Lisa,

Just finished a long meeting with Steve. I expressed to him how important this collaboration is for GT. He suggested that you two could meet the next time you are in Atlanta. Unfortunately, for reasons I can explain over the phone, he does not travel very often.

I suspect that Steve (among other things) wants see if you would be interested in a Board position at the College of Engineering.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Thursday, February 1, 2018 10:09 AM  
To: Hook, Lisa; McLaughlin, Steven W  
Cc: Joffe, Rodney  
Subject: Introductions Neustar <=> GT COE

Hey Lisa,

Allow me to introduce you the Dean and Southern Company Chair Dr. Steve McLaughlin. Steve, let me introduce you to the President and Chief Executive Officer of Neustar Lisa Hook.

Over the last two years Lisa and Rodney (the Founder of UltraDNS, and Senior Vice President and Fellow of Neustar) have been helping GT to perform again the major DoD project we have. As Neustar is aligned to the success of our research in this (and likely other future) project(s), perhaps it would make sense for you two to meet, next time Lisa is in town.

It would make a lot of sense to figure out how the collaboration between Neustar and GT can become stronger over the coming years.

Many thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Tuesday, March 27, 2018 1:53:45 AM  
**To:** Joffe, Rodney<Rodney.Joffe@team.neustar>  
**Subject:** Fw: Resume  
**Attachments:** allison\_sommers\_resume3.pdf (181.99 KB)

If you are looking for a threat researcher, she is a young one that has the potential to grow. She is very close to be done with her undergrad at GT and she is looking for a full time position.

We can talk more if you like her resume.

Again, key point; she is young, but has the potential to grow into something good.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Sommers, Allison K  
Sent: Monday, March 26, 2018 8:02 PM  
To: Antonakakis, Manos  
Subject: Resume

Manos,

As we discussed, here's my resume.

Thanks!  
Alli

Microsoft Exchange Server;converted from html;

**From:** Allen, Lucretia<lucretia.allen@ece.gatech.edu> on behalf of Allen, Lucretia  
**Sent on:** Tuesday, July 31, 2018 8:37:53 PM  
**To:** Lee, Terri T<terri.lee@gatech.edu>  
**Subject:** FW: RPT CV Corrections: Antonakakis  
**Attachments:** ManosAntonakakis\_cv.pdf (197.8 KB)

Hi Terri,

Will Manos's second point make a difference?

Thanks,

Lucretia

Just smile, it's all good!

-----Original Message-----

From: Antonakakis, Manos

Sent: Saturday, July 28, 2018 10:23 AM

To: Allen, Lucretia <lucretia.allen@ece.gatech.edu>

Cc: Blough, Douglas M <doug.blough@ece.gatech.edu>

Subject: Re: RPT CV Corrections: Antonakakis

Hey Lucretia,

Please find attached the two revised documents. A couple of clarifications regarding the comments I received from the Dean's office.

First, on the pending journals. I have none, simply because they have no impact to my community. So the NO DATA statement is correct.

Second, on the point about describing my talks, I will have to include abstracts to make the talk descriptions meaningful. That sounds like something that would make the CV unreadable, and in all honesty, I might not have all these abstracts in my records anymore. I decided to not do this because this is a non-trivial task.

Please let me know if you need anything more from my side.

Thanks,

—

Manos Antonakakis | manos@gatech.edu

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Allen, Lucretia

Sent: Friday, July 27, 2018 2:28:21 PM

To: Antonakakis, Manos

Cc: Blough, Douglas M; Allen, Lucretia

Subject: RE: RPT CV Corrections: Antonakakis

Hi Manos,

I have attached your original CV for correcting. Also, can you provide a clean Statement of Completeness? The one attached is hard to read. Terri said you can electronically sign the form.

The date on your Statement of Completeness should have the same date as on your CV, which is June 15, 2018 so please update the Statement of Completeness with the appropriate date before you send back.

Let me know if you have any questions.

Thanks,

Lucretia

[Image result for sunshine smile]

Just smile, it's all good!

From: Allen, Lucretia

Sent: Friday, July 27, 2018 2:10 PM

To: Antonakakis, Manos <manos@gatech.edu>

Cc: Blough, Douglas M <doug.blough@ece.gatech.edu>; Allen, Lucretia <lucretia.allen@ece.gatech.edu>

Subject: RPT CV Corrections: Antonakakis

Hello Professor,

Terri Lee from the Deans Office has reviewed your resume for proper formatting and posted a few comments on the CV that need correcting.

Please review and correct the items highlighted and send back to me.

Thanks,

Lucretia

[Image result for sunshine smile]

Just smile, it's all good!

Microsoft Exchange Server;converted from html;

**From:** Allen, Lucretia<lucretia.allen@ece.gatech.edu> on behalf of Allen, Lucretia  
**Sent on:** Wednesday, September 12, 2018 12:57:14 PM  
**To:** Lee, Terri T<terri.lee@gatech.edu>  
**Subject:** FW: RPT Package  
**Attachments:** RPT Package- Antonakakis.pdf (3.02 MB), RPT Package- Raychowdhury.pdf (1.7 MB)

Hi Terri,

Here are the last two.

Can you check these too?

Also with Antonakakis, for some reason I cannot bookmark "Education" within his CV.

I tried six times.

Can you see if you can do it?

Still missing-

- Dean Letter
- College Committee Letter
- School Chair Letter
- School Committee Letter

---

**From:** Allen, Lucretia  
**Sent:** Friday, September 7, 2018 3:06 PM  
**To:** Lee, Terri T <terri.lee@gatech.edu>  
**Subject:** RE: RPT Package- Sarioglu

Hi Terri,

Here's one more.

Also, the coversheets are not complete.

Will do once they complete the votes.

- Dean Letter
- College Committee Letter
- School Chair Letter (Should have by Tuesday)
- School Committee Letter (Should have by Tuesday)

Thanks,

Lucretia

---

**From:** Allen, Lucretia  
**Sent:** Friday, September 7, 2018 2:35 PM  
**To:** Lee, Terri T <[HYPERLINK "mailto:terri.lee@gatech.edu" terri.lee@gatech.edu](mailto:terri.lee@gatech.edu)>  
**Subject:** RPT Package- Zhang

Hi Terri,

Can you take a look at this one?

Missing from the package:

- Dean Letter
- College Committee Letter
- School Chair Letter (Should have by Tuesday)
- School Committee Letter (Should have by Tuesday)

Thanks,

Lucretia



Microsoft Exchange Server;converted from html;

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos

**Sent on:** Friday, June 8, 2018 1:44:24 AM

**To:** Rodney Joffe<rjoffe@centergate.com>

**Subject:** Fwd: Engineered Biosystems Building

The meeting location for tomorrow morning. My talk starts at 10.30am.

---

Typos due to mobile device ...

Begin forwarded message:

**From:** "Farrell, Michael" <[HYPERLINK "mailto:Michael.Farrell@gtri.gatech.edu" Michael.Farrell@gtri.gatech.edu](mailto:Michael.Farrell@gtri.gatech.edu)>

**Date:** June 7, 2018 at 17:51:52 EDT

**To:** "Antonakakis, Emmanouil K" <[HYPERLINK "mailto:manos@gatech.edu" manos@gatech.edu](mailto:manos@gatech.edu)>

**Subject: Engineered Biosystems Building**

[Engineered Biosystems Building](#)  
[950 Atlantic Dr NW, Atlanta, GA 30332](#)

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Friday, May 18, 2018 12:45:39 AM  
**To:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>; Hall, John<John.Hall@team.neustar>  
**CC:** Joffe, Rodney<Rodney.Joffe@team.neustar>  
**Subject:** HACCS add on for Neustar

Michael, please work with John to make sure that Neustar gets the add on that we discussed.

John, Michael will be working with Allison (from DARPA) to make everything happen for Neustar. Michael will also navigate the internal GT process on your behalf. Please work with him, as he needs more information from you. Please, follow Michael's lead.

Rodney, GT is closing the fiscal year. This will have to wait until the new fiscal year kicks in (Michael, is this June or July 1st?).

Thanks,

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Thursday, February 1, 2018 3:09:15 PM  
**To:** Hook, Lisa<lisa.hook@team.neustar>; McLaughlin, Steven W<swm@gatech.edu>  
**CC:** Joffe, Rodney<Rodney.Joffe@team.neustar>  
**Subject:** Introductions Neustar <=> GT COE

Hey Lisa,

Allow me to introduce you the Dean and Southern Company Chair Dr. Steve McLaughlin. Steve, let me introduce you to the President and Chief Executive Officer of Neustar Lisa Hook.

Over the last two years Lisa and Rodney (the Founder of UltraDNS, and Senior Vice President and Fellow of Neustar) have been helping GT to perform again the major DoD project we have. As Neustar is aligned to the success of our research in this (and likely other future) project(s), perhaps it would make sense for you two to meet, next time Lisa is in town.

It would make a lot of sense to figure out how the collaboration between Neustar and GT can become stronger over the coming years.

Many thanks,

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Friday, April 13, 2018 3:03:14 PM  
**To:** scotttaylor31415@gmail.com  
**CC:** Rodney Joffe<rjoffe@centergate.com>  
**Subject:** Intros

Scott please meet Rodney. Rodney, please meet Scott. You two are local, and I think you should get together for lunch or dinner.

Thanks, Manos

---

Typos due to mobile device ...

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Monday, September 17, 2018 11:50:00 AM  
**To:** Rodney Joffe<rjoffe@centergate.com>  
**Subject:** Re: [cw general] Change of Affiliation

Long story.

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Rodney Joffe <rjoffe@centergate.com>  
Sent: Monday, September 17, 2018 5:01:27 AM  
To: Antonakakis, Manos  
Subject: Fwd: [cw general] Change of Affiliation

One of yours?

Useful?

Begin forwarded message:

From: Paul Pearce <pearce@cs.berkeley.edu<mailto:pearce@cs.berkeley.edu>>  
Subject: [cw general] Change of Affiliation  
Date: September 15, 2018 at 3:04:12 PM EDT  
To: "~~~~ CrimeWare ~~~~" <cw-general@ops-trust.net<mailto:cw-general@ops-trust.net>>

Hello all,

I recently completed my PhD at UC Berkeley and have joined Georgia Tech as a professor of computer science.

I plan to keep doing the same type of research (abuse, cybercrime, APTs, censorship) and hope re-connect with you all at future events!

Aside: I am spending the next 10mo at Facebook as a visiting researcher with Site Integrity, but I am not representing them in any capacity, nor am I an appropriate contact for the company.

-Paul

--

[[ trident ]]: All message content remains the property of the author and must not be forwarded or redistributed without explicit permission.

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Thursday, February 1, 2018 3:24:41 PM  
**To:** Hook, Lisa<lisa.hook@team.neustar>  
**CC:** Joffe, Rodney<Rodney.Joffe@team.neustar>  
**Subject:** Re: [EXTERNAL] Fw: Introductions Neustar <=> GT COE

No Lisa, let me clarify.

Steve is the Dean of the College of Engineering. To put things into perspective, being the Dean of the College of Engineering makes him number 4 in the overall hierarchy of Georgia Tech, under the President, the Provost and the Executive Vice President of Research.

At the same time the Southern Company have created a life-long (and very prestigious) Endowed Chair for him at Georgia Tech. As you can imagine he is in very good terms with the highest people in the Southern Company. I do think the Southern Company has a presence in the Board of the College of Engineering.

Hope this is more clear.

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Hook, Lisa <lisa.hook@team.neustar>  
Sent: Thursday, February 1, 2018 10:16:37 AM  
To: Antonakakis, Manos  
Cc: Joffe, Rodney  
Subject: Re: [EXTERNAL] Fw: Introductions Neustar <=> GT COE

Is Steve dean of the school of engineering AND chairman of Southern Companies?

Lisa A. Hook  
Neustar Inc/ President & Chief Executive Officer  
120 SW 8th Street, Miami FL 33130  
Office: 571.434.5630 Mobile: 202.907.5672  
lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>/www.neustar.biz<http://www.neustar.biz>

On Feb 1, 2018, at 10:15, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Hey Lisa,

Just finished a long meeting with Steve. I expressed to him how important this collaboration is for GT. He suggested that you two could meet the next time you are in Atlanta. Unfortunately, for reasons I can explain over the phone, he does not travel very often.

I suspect that Steve (among other things) wants see if you would be interested in a Board position at the College of Engineering.

Thanks,

---

Manos Antonakakis | manos@gatech.edu<mailto:manos@gatech.edu>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos  
Sent: Thursday, February 1, 2018 10:09 AM  
To: Hook, Lisa; McLaughlin, Steven W  
Cc: Joffe, Rodney  
Subject: Introductions Neustar <=> GT COE

Hey Lisa,

Allow me to introduce you the Dean and Southern Company Chair Dr. Steve McLaughlin. Steve, let me introduce you to the President and Chief Executive Officer of Neustar Lisa Hook.

Over the last two years Lisa and Rodney (the Founder of UltraDNS, and Senior Vice President and Fellow of Neustar) have been helping GT to perform again the major DoD project we have. As Neustar is aligned to the success of our research in this (and likely other future) project(s), perhaps it would make sense for you two to meet, next time Lisa is in town.

It would make a lot of sense to figure out how the collaboration between Neustar and GT can become stronger over the coming years.

Many thanks,

—  
Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)<<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Thursday, January 18, 2018 4:56:57 PM  
**To:** Hook, Lisa<lisa.hook@team.neustar>  
**CC:** Joffe, Rodney<Rodney.Joffe@team.neustar>; Naperkoski, Valerie<Valerie.Naperkoski@team.neustar>; Gregory, Liebe<Liebe.Gregory@team.neustar>  
**Subject:** Re: [EXTERNAL] Re: Friday

Lisa, I am usually at the office by 8.00am. Anytime that works for you.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Hook, Lisa <lisa.hook@team.neustar>  
Sent: Thursday, January 18, 2018 11:55:40 AM  
To: Antonakakis, Manos  
Cc: Joffe, Rodney; Naperkoski, Valerie; Gregory, Liebe  
Subject: Re: [EXTERNAL] Re: Friday

Can we move forward to 9?

Lisa A. Hook  
Neustar Inc/ President & Chief Executive Officer  
120 SW 8th Street, Miami FL 33130  
Office: 571.434.5630 Mobile: 202.907.5672  
lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>/www.neustar.biz<http://www.neustar.biz>

On Jan 17, 2018, at 17:26, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Hey Lisa, absolutely!

My office is at the Klaus Advance Computing Building, 3rd floor, Room 3364. I can send you the visitor parking direction if you will be driving in.

My cell is [REDACTED], in case you need to call me.

Many thanks,

Manos

---  
Typos due to mobile device ...

On Jan 17, 2018, at 20:04, Hook, Lisa <lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>> wrote:

Manos,

I am in Atlanta for meetings on Friday and am wondering if you are in town and free at 9:30 to meet at school. Would love to catch up.

Best,

Lisa



Lisa A. Hook

Neustar, Inc./President and Chief Executive Officer

120 SW 8th Street, Miami, FL 33130

Office: 571/434-5630. Mobile:202/907-5672

Lisa.Hook@team.neustar<mailto:Lisa.Hook@team.neustar>/www.neustar.biz<http://www.neustar.biz>

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Thursday, January 18, 2018 5:04:43 PM  
**To:** Hook, Lisa<lisa.hook@team.neustar>  
**CC:** Joffe, Rodney<Rodney.Joffe@team.neustar>; Naperkoski, Valerie<Valerie.Naperkoski@team.neustar>; Gregory, Liebe<Liebe.Gregory@team.neustar>  
**Subject:** Re: [EXTERNAL] Re: Friday

Fantastic --- looking forward to it Lisa!

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Hook, Lisa <lisa.hook@team.neustar>  
Sent: Thursday, January 18, 2018 12:03:39 PM  
To: Antonakakis, Manos  
Cc: Joffe, Rodney; Naperkoski, Valerie; Gregory, Liebe  
Subject: Re: [EXTERNAL] Re: Friday

Thanks. Will see you at 9! I don't have any agenda -- just want to meet, catch up.

Lisa A. Hook  
Neustar Inc/ President & Chief Executive Officer  
120 SW 8th Street, Miami FL 33130  
Office: 571.434.5630 Mobile: 202.907.5672  
lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>/www.neustar.biz<http://www.neustar.biz>

On Jan 18, 2018, at 08:57, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Lisa, I am usually at the office by 8.00am. Anytime that works for you.

Thanks,

---

Manos Antonakakis | manos@gatech.edu<mailto:manos@gatech.edu>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Hook, Lisa <lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>>  
Sent: Thursday, January 18, 2018 11:55:40 AM  
To: Antonakakis, Manos  
Cc: Joffe, Rodney; Naperkoski, Valerie; Gregory, Liebe  
Subject: Re: [EXTERNAL] Re: Friday

Can we move forward to 9?

Lisa A. Hook  
Neustar Inc/ President & Chief Executive Officer  
120 SW 8th Street, Miami FL 33130  
Office: 571.434.5630 Mobile: 202.907.5672  
lisa.hook@team.neustar<mailto:lisa.hook@team.neustar><mailto:lisa.hook@team.neustar>/www.neustar.biz<http://www.n

On Jan 17, 2018, at 17:26, Antonakakis, Manos

<manos@gatech.edu<mailto:manos@gatech.edu><mailto:manos@gatech.edu>> wrote:

Hey Lisa, absolutely!

My office is at the Klaus Advance Computing Building, 3rd floor, Room 3364. I can send you the visitor parking direction if you will be driving in.

My cell is [REDACTED], in case you need to call me.

Many thanks,

Manos

---

Typos due to mobile device ...

On Jan 17, 2018, at 20:04, Hook, Lisa

<lisa.hook@team.neustar<mailto:lisa.hook@team.neustar><mailto:lisa.hook@team.neustar>> wrote:

Manos,

I am in Atlanta for meetings on Friday and am wondering if you are in town and free at 9:30 to meet at school. Would love to catch up.

Best,

Lisa

Lisa A. Hook

Neustar, Inc./President and Chief Executive Officer

120 SW 8th Street, Miami, FL 33130

Office: 571/434-5630. Mobile:202/907-5672

Lisa.Hook@team.neustar<mailto:Lisa.Hook@team.neustar><mailto:Lisa.Hook@team.neustar>/www.neustar.biz<http://ww

**From:** Sussmann, Michael A. (Perkins Coie)<MSussmann@perkinscoie.com>  
**Sent on:** Thursday, April 12, 2018 4:01:46 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** Lisa Hook<lisa.hook@team.neustar>; Rodney Joffe<rodney.joffe@team.neustar>  
**Subject:** Re: [EXTERNAL] Re: Intro

Manos,

Rodney is helping me prepare a proposal and description of the commercial services that you plan to offer in July or thereafter. Rodney is tied up today, but has time to help me this evening. I was merely reaching out to you on the chance that you had some time today to help get started and thereby make my work with Rodney this evening go quicker. I'll connect with Rodney later, and one of us will let you know if we need anything from you in this regard.

Safe travels, and thanks for your responsiveness. I look forward to meeting you.

Michael

On Apr 12, 2018, at 11:53 AM, Rodney Joffe <rodney.joffe@team.neustar> wrote:

Hi Manos,

Glad to know that you are on your way to DC.

Let's try meet up while you are here, you, me and Michael.

Then we can talk through everything :-). Better than email.

What is your DC schedule?

> On Apr 12, 2018, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Lisa, I just boarded a flight to DC, where I will spend the rest of my day with meetings at DARPA. Tomorrow, my entire day will be spent at the HACCs kickoff meeting where I will be presenting the 4 years research agenda of the program.

>

> Michael, nice to meet you. I can get on a call today between 17.00 and 18.00, tomorrow after 20.00 and over the weekend anytime you want. All times are EST.

>

> To be totally honest, I would like to clarify what the request is here as a first step. What I sent Rodney was discoveries of malicious activities in the AU networks as part of technology we are creating for the USG. This is not technology that is related with Neustar — beyond the fact that we used your data.

>

> Could Neustar offer something similar? Sure, since you have the data. :) However, what GT is doing (the technology we are generating) is for the USG (DoD to be precise).

>

> Thanks and hopefully this message clarifies things a bit.

>

> Manos

> ---

> Typos due to mobile device ...

>

>> On Apr 12, 2018, at 11:39, Hook, Lisa <lisa.hook@team.neustar> wrote:

>>

>> Manos meet Michael,

>>

>> Michael is our longtime outside counsel on national security and other issues. He is working with Rodney on a proposal to provide analytics similar to what you are doing in Australia.

>>

>> Rodney is closed off right now and Michael needs someone to speak to for more details on the service we provide so he can write up a proposal.

>>

>> Hoping you two can jump on the phone asap.

>>

>> Thanks -- Lisa

>>

>>

>> Lisa A. Hook

>> Neustar Inc/ President & Chief Executive Officer

>> 120 SW 8th Street, Miami FL 33130

>> Office: 571.434.5630 Mobile: 202.907.5672 [lisa.hook@team.neustar/www.neustar.biz](mailto:lisa.hook@team.neustar/www.neustar.biz)

---

NOTICE: This communication may contain privileged or other confidential information. If you have received it in error, please advise the sender by reply email and immediately delete the message and any attachments without copying or disclosing the contents. Thank you.

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Tuesday, July 3, 2018 6:27:35 PM  
**To:** Ahamad, Mustaque<mustaq@cc.gatech.edu>  
**Subject:** Re: Adjunct appointment/renewal for Manos Antonakakis  
**Attachments:** ManosAntonakakis\_cv.pdf (118 KB)

Here you go, Mustaque.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

**From:** Ahamad, Mustaque  
**Sent:** Tuesday, July 3, 2018 2:14:06 PM  
**To:** Antonakakis, Manos  
**Subject:** FW: Adjunct appointment/renewal for Manos Antonakakis

Manos,

Please send me a copy of your CV and I will take care of the rest.

Mustaque

**From:** "Prvulovic, Milos" <milos@cc.gatech.edu>  
**Date:** Tuesday, July 3, 2018 at 1:04 PM  
**To:** "wenke@cc.gatech.edu" <wenke@cc.gatech.edu>, Mustaque Ahamad <mustaq@cc.gatech.edu>  
**Subject:** Adjunct appointment/renewal for Manos Antonakakis

Hi Wenke and Mustaque,

the SCS records indicate that Manos was appointed as adjunct faculty more than three years ago, but apparently we have no record of who his faculty sponsor was then. Technically, this appointment has expired, but since we didn't consider it for renewal at the time when it was about to expire (I don't even know when that was) I think it should be treated as a renewal now. Please let me know if you think differently (just treat it as expired?), but if it is to be renewed we will need the same information as for other renewals - two SCS sponsors, Manos's CV, and the renewal form.

Also, we have Steve Cross among our "don't know when the appointment was supposed to expire but it was a while ago" adjunct faculty, so if one of you was his contact or know who was, please let me know...

Thanks,

Milos

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Thursday, August 30, 2018 8:47:49 PM  
**To:** Riley, Theresa<Theresa.Riley@team.neustar>; Joffe, Rodney<Rodney.Joffe@team.neustar>  
**Subject:** Re: Availability for tomorrow with Venkat

Theresa, I can do 15.00-16.00 ET tomorrow.

Thanks,

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Riley, Theresa <Theresa.Riley@team.neustar>  
Sent: Thursday, August 30, 2018 4:46:34 PM  
To: Antonakakis, Manos; Joffe, Rodney  
Subject: Availability for tomorrow with Venkat

Good afternoon gentlemen. Venkat would like to have a call either from 2:00 – 3:00 p.m. Eastern or 3:00 – 4:00 p.m. Eastern. Would you be able to accommodate either of those times tomorrow?

Please let me know and I will send out a calendar invite.

Thanks,  
Theresa

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Friday, September 27, 2019 2:05:53 AM  
**To:** Dillon, Linda<linda.dillon@ece.gatech.edu>  
**CC:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>  
**Subject:** Re: CV  
**Attachments:** ManosAntonakakis\_cv.pdf (118 KB)

Linda, let me know if the attached will work.

Thanks,

---

Manos Antonakakis | Associate Professor | manos@gatech.edu  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Dillon, Linda <linda.dillon@ece.gatech.edu>  
Sent: Thursday, September 26, 2019 8:02 AM  
To: Antonakakis, Manos  
Cc: Mitchell, Michael F  
Subject: CV

Hi Manos,

Can you please send a current copy of your CV to me?

Thank you,  
Linda

Linda Dillon  
Assistant Director of Administrative Operations  
Georgia Institute of Technology  
School of Electrical and Computer Engineering  
Office Phone: 404.894.7574  
Email: linda.dillon@ece.gatech.edu<mailto:linda.dillon@ece.gatech.edu>



**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Monday, December 2, 2019 5:17:26 PM  
**To:** Kimberly Templeton<kimberly.templeton@agbsearch.com>  
**Subject:** Re: CV  
**Attachments:** AGBSearch-Logo+Tagline-2C.png (72.44 KB), ManosAntonakakis\_cv\_2019.pdf (110.36 KB)

Kimberly, the last time I updated my CV was almost a year ago when I went up for tenure. Did a few quick updates (between meetings) and I am sending it to you. However, please keep in mind that it does not contains all up to date information.

Thanks,

—  
Manos Antonakakis | Associate Professor | manos@gatech.edu  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Kimberly Templeton <kimberly.templeton@agbsearch.com>  
Sent: Monday, December 2, 2019 10:29 AM  
To: Antonakakis, Manos  
Subject: CV

Hi Manos:

Might you be able to send me your CV so I can share it with Nadya and Kyle?

Best,

Kimberly

Kimberly Templeton, J.D.

Principal

AGB Search  
202.776.0820 Office

540.761.9494 Mobile

1133 20th Street NW, Suite 300, Washington, DC 20036

kimberly.templeton@agbsearch.com<mailto:kimberly.templeton@agbsearch.com>

[AGBSearch-Logo+Tagline-2C.png]

**From:** Rodney Joffe<rodney.joffe@team.neustar>  
**Sent on:** Friday, February 12, 2021 7:57:09 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>  
**Subject:** Re: Data subscription extension

Hi Manos and Michael,

We think we have accurately completed the registration form. Please let me know if there is anything else needed.

Thanks!  
Rodney

> On Feb 12, 2021, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> OK, let start asap. I cannot go back to DARPA and say that I cannot do this because GT is not moving fast enough. I will lose face.

>  
>  
>  
> Manos

>  
>  
>  
> From: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
> Date: Friday, February 12, 2021 at 11:31 AM  
> To: Antonakakis, Manos <manos@gatech.edu>, Rodney Joffe <rodney.joffe@team.neustar>  
> Subject: RE: Data subscription extension

>  
> Manos,  
>  
>  
>  
> It really depends on how quickly the subsidiary is able to get registered in the system (outside of our control), send us the quote, and how responsive they are to the inquiries and requests for documentation that procurement needs. I would say probably 3 weeks on the short side accounting for some back and forth between supplier and contracting officer.

>  
>  
>  
> Rodney,  
>  
>  
>  
> Would you please have the new company register as a vendor in our system. No action on our part can be completed until we have the quote and the new company's registration is done. This link will allow for a new account to be set up, including routing details for payments on future invoices. A new PO will be issued.

>  
>  
>  
>  
> <https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwd5.myworkdaysite.com%2Fsupplier%2Fgatech%2F>

>  
>  
>  
> Let me know if you have questions!

>  
>  
>  
> M

>  
>  
>  
>

>  
> From: Antonakakis, Manos <manos@gatech.edu>  
> Sent: Friday, February 12, 2021 9:29 AM  
> To: Rodney Joffe <rodney.joffe@team.neustar>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
> Subject: Re: Data subscription extension

>  
>  
>  
> Rodney this makes sense.

>  
>  
>  
> Michael, can I get an ETA on this being one?

>  
>  
>  
> Thanks, Manos

>  
> From: Rodney Joffe <rodney.joffe@team.neustar>  
> Date: Thursday, February 11, 2021 at 9:39 PM  
> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
> Cc: Antonakakis, Manos <manos@gatech.edu>  
> Subject: Re: Data subscription extension

>  
> Hello Michael,

>  
> Thank you for the opportunity.

>  
> I will have the quote prepared for you by Monday. It will be a new quote, with the same general terms and conditions as the original contract. However, it will cover 3 months, and it will confirm that if needed, an additional PO for the remainder of 2021 will be valid at the same rate and terms.

>  
> Will this work for your purposes, or will you need any other changes?

>  
> One point from Neustar's side - we now contract for all sensitive contracts through our Government Subsidiary, ERP Services, Inc, a wholly owned subsidiary of Neustar, Inc. I assume this will also not be an issue for you?

>  
> Regards

> Rodney

> =====

> Rodney Joffe

> SVP, and Fellow

> National Security Executive

> Neustar, Inc.

> 45980 Center Oak Plaza

> Sterling VA 20166

> USA

> +1 202-533-2900 Direct

> +1 602-418-6471 Cell

> rodney.joffe@team.neustar

>  
>> On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>>  
>> Good Afternoon Rodney,

>>  
>> I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

>>  
>> Thanks,

>>  
>> Michael Mitchell

>>  
>> Research Operations Program Manager

> > GEORGIA Institute  
> > of TECHNOLOGY  
> > School of Electrical and Computer Engineering  
> > 777 Atlantic Drive NW  
> > Atlanta, GA 30332-0765  
> > Office: 404-385-8122  
> > Mobile: 770-655-8039  
>  
>  
>  
>

**From:** Rodney Joffe<rodney.joffe@team.neustar>  
**Sent on:** Friday, February 12, 2021 2:39:00 AM  
**To:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>  
**CC:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Re: Data subscription extension

Hello Michael,

Thank you for the opportunity.

I will have the quote prepared for you by Monday. It will be a new quote, with the same general terms and conditions as the original contract. However, it will cover 3 months, and it will confirm that if needed, an additional PO for the remainder of 2021 will be valid at the same rate and terms.

Will this work for your purposes, or will you need any other changes?

One point from Neustar's side - we now contract for all sensitive contracts through our Government Subsidiary, ERP Services, Inc, a wholly owned subsidiary of Neustar, Inc. I assume this will also not be an issue for you?

Regards

Rodney

=====

Rodney Joffe  
SVP, and Fellow  
National Security Executive  
Neustar, Inc.  
45980 Center Oak Plaza  
Sterling VA 20166  
USA  
+1 202-533-2900 Direct  
+1 602-418-6471 Cell  
rodney.joffe@team.neustar

> On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>

> Good Afternoon Rodney,

>

> I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

>

> Thanks,

>

> Michael Mitchell

>

> Research Operations Program Manager

> GEORGIA Institute

> of TECH nology

> School of Electrical and Computer Engineering

> 777 Atlantic Drive NW

> Atlanta, GA 30332-0765

> Office: 404-385-8122

> Mobile: 770-655-8039

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Tuesday, May 19, 2020 10:16:07 PM  
**To:** Nemeth, Jacqueline L<jackie.nemeth@ece.gatech.edu>  
**Subject:** Re: Dean's Professorship  
**Attachments:** ManosAntonakakis\_cv\_2019.pdf (110.36 KB)

Thank you Jackie. Attached is an older CV with does not include three new research papers, two new students and \$10M in research funding that I was awarded the last two weeks. Inline please find my long Bio. Please let me know if you need anything else.

Dr. Manos Antonakakis (PhD'12), is an Associate Professor in the School of Electrical and Computer Engineering (ECE), and co-Director of the Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS) at Georgia Tech ECE. Dr. Antonakakis currently also serve's as the co-chair of the Academic Committee for the Messaging Anti-Abuse Working Group (MAAWG). He is responsible for the Astrolavos Lab, where students conduct research in the areas of attack attribution, network security and privacy, intrusion detection, and data mining.

Throughout his six year tenure at Georgia Tech, Antonakakis has raised more than \$53M in research funding from government agencies and the private sector. In April of 2018 he received the Outstanding Achievement in Research Development award from the Georgia Institute of Technology. He is the author of multiple U.S. patents in the areas of security and machine learning, and the author of more than 35 academic publications that have been featured at international, peer-reviewed conferences. In May 2012, he received his Ph.D. in Computer Science from the Georgia Institute of Technology. His PhD thesis considered the seminal work in DNS Security and DNS-based Statistical learning, and it is the first PhD thesis worldwide on statistical learning in DNS security.

Prior to joining Georgia Tech as faculty, Antonakakis served as chief scientist at Damballa, where his research supported early threat detection and prevention tools. Prior to joining Damballa, he worked for IBM/ISS and was a guest researcher at the National Institute of Standards and Technology - US Department of Commerce.

He served multiple times as a program committee member for all tier-one information security conferences. He also have received two distinguished reviewer awards for his service to these premier academic venues (RAID 2016 and IEEE S&P 2019). His service to the Department of Defense (DoD), Intelligence Community (IC) and law enforcement organizations (LEOs) spans nearly a decade. In his most recent recognition, Dr. Antonakakis received the Certificate of Appreciation for service provided to the 2nd Cyber Protection Battalion of the U.S. Army at Fort Gordon.

---

Manos Antonakakis | Associate Professor | manos@gatech.edu  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Nemeth, Jacqueline L <jackie.nemeth@ece.gatech.edu>  
Sent: Tuesday, May 19, 2020 5:40 PM  
To: Antonakakis, Manos  
Subject: Re: Dean's Professorship

Hi Manos,

I will start working on the announcement for your professorship tomorrow. Would you please send me a recent short bio and CV that I can work from? I'll put together a draft and will send it to you to review. Once we're both happy with it, I'll send the announcement to Magnus to review and then send to the ECE community on behalf of himself and Steve McLaughlin.

Thanks and congratulations again — I am very happy for you! ☐☐

Jackie  
\*\*\*\*\*  
Jackie Nemeth

Georgia Institute of Technology  
School of Electrical and Computer Engineering  
Atlanta, GA 30332-0250  
Phone: 404-894-2906  
Email: jackie.nemeth@ece.gatech.edu<mailto:jackie.nemeth@ece.gatech.edu>

On May 14, 2020, at 9:33 AM, Nemeth, Jacqueline L  
<jackie.nemeth@ece.gatech.edu<mailto:jackie.nemeth@ece.gatech.edu>> wrote:

Hi Manos,

I'll be in touch with you early next week about this announcement. I'm in the midst of reviewing promotion and tenure paperwork, and I hope to be finished with it by the end of this week.

Congratulations again on this well-deserved professorship!

Jackie

\*\*\*\*\*

Jackie Nemeth  
Georgia Institute of Technology  
School of Electrical and Computer Engineering  
Atlanta, GA 30332-0250  
Phone: 404-894-2906  
Email: jackie.nemeth@ece.gatech.edu<mailto:jackie.nemeth@ece.gatech.edu>

On May 14, 2020, at 9:17 AM, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Thank you Jackie!

Please tell me what you need from me, and I will send it your way asap.

Thanks,

—  
Manos Antonakakis | Associate Professor | manos@gatech.edu<mailto:manos@gatech.edu>  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Nemeth, Jacqueline L <jackie.nemeth@ece.gatech.edu<mailto:jackie.nemeth@ece.gatech.edu>>  
Sent: Thursday, May 14, 2020 8:47 AM  
To: Egerstedt, Magnus  
Cc: Antonakakis, Manos  
Subject: Re: Dean's Professorship

Hi Magnus,

Sure, will do! Congratulations, Manos, on this terrific achievement; you deserve this very much. I'll be in touch with you as soon as I can to work on this announcement.

Best regards,

Jackie

\*\*\*\*\*

Jackie Nemeth

Georgia Institute of Technology

School of Electrical and Computer Engineering

Atlanta, GA 30332-0250

Phone: 404-894-2906

Email: jackie.nemeth@ece.gatech.edu<mailto:jackie.nemeth@ece.gatech.edu><mailto:jackie.nemeth@ece.gatech.edu>

On May 14, 2020, at 7:37 AM, Egerstedt, Magnus

<magnus.egerstedt@ece.gatech.edu<mailto:magnus.egerstedt@ece.gatech.edu><mailto:magnus.egerstedt@ece.gatech.edu>  
wrote:

Hello Jackie; Manos has been awarded the Dean's Professorship, effective July 1 and I would like to send out a congratulatory email to this effect. This professorship resides in the College and after talking to Steve about the announcement, we agreed that I should send it out (like we normally do) but on behalf of both myself and Steve.

Can you please work with Manos to produce the announcement?

Thanks! / Magnus

—

Magnus Egerstedt, Ph.D.

Steve W. Chaddick School Chair and Professor

School of Electrical and Computer Engineering

Georgia Institute of Technology

[www.ece.gatech.edu](http://www.ece.gatech.edu)<<http://www.ece.gatech.edu/>><<http://www.ece.gatech.edu/>>

[www.ece.gatech.edu/~magnus](http://www.ece.gatech.edu/~magnus)<<http://www.ece.gatech.edu/~magnus>><<http://www.ece.gatech.edu/~magnus>>

Georgia Tech ECE: Dreaming, Designing, and Getting it Done!



**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Wednesday, April 21, 2021 1:39:47 PM  
**To:** Baki Yilmaz<baki@aetherargus.com>  
**CC:** Angelos D. Keromytis<angelos@aetherargus.com>  
**Subject:** Re: Green Card Recommendation Letter (A. Keromytis)  
**Attachments:** recommendation\_letter\_baki\_yilmaz.pdf (32.76 KB), ManosAntonakakis\_cv.pdf (161.55 KB)

Here you go, Baki. Let me know if you need anything else.

Good luck!

Manos

---

From: Baki Yilmaz <baki@aetherargus.com>  
Sent: Wednesday, April 21, 2021 9:00 AM  
To: Antonakakis, Manos  
Cc: Angelos D. Keromytis  
Subject: Green Card Recommendation Letter (A. Keromytis)

Dear Professor Manos Antonakakis,

I hope you are doing well. My name is Baki Yilmaz and I am working for a company that Angelos Keromytis leads. I am writing this email for the recommendation letter of the green card petition. I think Dr Keromytis contacted you one months ago about the matter.

I have attached my CV, a complete recommendation letter and my papers that I mentioned in the letter. I have tried to fill the parts about you based on the information on your website.

I would kindly request for your signature in my recommendation letter. I will really appreciate it if you sign my recommendation letter and send your CV. You can make any changes on the recommendation letter as you wish. Please let me know if you need any more information.

--

Kind regards,  
Baki Yilmaz

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Friday, May 18, 2018 7:08:14 PM  
**To:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>; Hall, John<John.Hall@team.neustar>  
**CC:** Joffe, Rodney<Rodney.Joffe@team.neustar>; Lamb, Lewis<Lewis.Lamb@team.neustar>  
**Subject:** Re: HACCS add on for Neustar

You do not need me in this meeting.

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Mitchell, Michael F  
Sent: Friday, May 18, 2018 3:07:36 PM  
To: Hall, John; Antonakakis, Manos  
Cc: Joffe, Rodney; Lamb, Lewis  
Subject: RE: HACCS add on for Neustar

Hey John,

My schedule is very flexible on Monday so how about 10AM, 11AM, or 1PM?

Michael Mitchell

Research Operations Program Manager  
GEORGIA Institute  
of TECH nology  
School of Electrical and Computer Engineering  
777 Atlantic Drive NW  
Atlanta, GA 30332-0765  
Phone: 404-385-8122

-----Original Message-----

From: Hall, John <John.Hall@team.neustar>  
Sent: Friday, May 18, 2018 2:10 PM  
To: Antonakakis, Manos <manos@gatech.edu>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
Cc: Joffe, Rodney <Rodney.Joffe@team.neustar>; Lamb, Lewis <Lewis.Lamb@team.neustar>  
Subject: Re: HACCS add on for Neustar

Thanks Manos.

Hi Michael. Are you available for a call to discuss this on Monday?  
Please send a couple of times that work for you.

Thanks in advance,

John W Hall  
Neustar, Inc. / Sr. Director - Federal Business  
[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

---

The information contained in this e-mail message is intended only for the use of the recipient(s) named above and may contain confidential and/or privileged information. If you are not the intended recipient you have received this e-mail

message in error and any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately and delete the original message

---

On 5/17/18, 8:45 PM, "Antonakakis, Manos" <manos@gatech.edu> wrote:

>Michael, please work with John to make sure that Neustar gets the add  
>on that we discussed.

>

>John, Michael will be working with Allison (from DARPA) to make  
>everything happen for Neustar. Michael will also navigate the internal  
>GT process on your behalf. Please work with him, as he needs more  
>information from you. Please, follow Michael's lead.

>

>Rodney, GT is closing the fiscal year. This will have to wait until the  
>new fiscal year kicks in (Michael, is this June or July 1st?).

>

>Thanks,

>

>

>Manos Antonakakis | manos@gatech.edu

>Georgia Institute of Technology

>FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Saturday, May 19, 2018 1:53:02 AM  
**To:** Hall, John<John.Hall@team.neustar>  
**Subject:** Re: HACCS add on for Neustar

Likewise, John.

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Hall, John <John.Hall@team.neustar>  
Sent: Friday, May 18, 2018 4:49:13 PM  
To: Antonakakis, Manos  
Subject: Re: HACCS add on for Neustar

Ack. Have a nice weekend

John W Hall  
Neustar, Inc. / Sr. Director – Federal Business  
[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

---

The information contained in this e-mail message is intended only for the use of the recipient(s) named above and may contain confidential and/or privileged information. If you are not the intended recipient you have received this e-mail message in error and any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately and delete the original message

---

On 5/18/18, 3:08 PM, "Antonakakis, Manos" <manos@gatech.edu> wrote:

>You do not need me in this meeting.

>

>—

>Manos Antonakakis | manos@gatech.edu  
>Georgia Institute of Technology  
>FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

>

---

>From: Mitchell, Michael F  
>Sent: Friday, May 18, 2018 3:07:36 PM



>  
>  
>On 5/17/18, 8:45 PM, "Antonakakis, Manos" <manos@gatech.edu> wrote:  
>  
>>Michael, please work with John to make sure that Neustar gets the add  
>>on that we discussed.  
>>  
>>John, Michael will be working with Allison (from DARPA) to make  
>>everything happen for Neustar. Michael will also navigate the internal  
>>GT process on your behalf. Please work with him, as he needs more  
>>information from you. Please, follow Michael's lead.  
>>  
>>Rodney, GT is closing the fiscal year. This will have to wait until the  
>>new fiscal year kicks in (Michael, is this June or July 1st?).  
>>  
>>Thanks,  
>>  
>><  
>>Manos Antonakakis | manos@gatech.edu  
>>Georgia Institute of Technology  
>>FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>>  
>

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Monday, July 23, 2018 8:28:51 PM  
**To:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>; Hall, John<John.Hall@team.neustar>  
**CC:** Joffe, Rodney<Rodney.Joffe@team.neustar>  
**Subject:** Re: HACCS program updates

Michael, many thanks for the update. Per our discussion, I would like to be CCed on all further communications you have with Neustar about both EA or HACCS issues. I would suggest you include Rodney on these emails too.

Thanks,

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Mitchell, Michael F  
Sent: Monday, July 23, 2018 2:49:32 PM  
To: Hall, John  
Cc: Antonakakis, Manos  
Subject: HACCS program updates

Hey John,

I just got off the phone with Dan Sible, who is the contracting contact for Georgia Tech in charge of the HACCS program. I have briefed him on the situation and how time sensitive it is and the difficulties involved for everyone. He has agreed to push the addendum in front of his leadership team to try and accelerate the negotiations between GT and DARPA. I have requested that he update me as quickly as possible on this, and I in turn will update you as things happen.

My apologies for the confusion on this. I hope to have some additional information for you shortly.

Thanks!

Michael Mitchell

Research Operations Program Manager  
GEORGIA Institute  
of TECH nology  
School of Electrical and Computer Engineering  
777 Atlantic Drive NW  
Atlanta, GA 30332-0765  
Phone: 404-385-8122

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Wednesday, July 31, 2019 1:17:13 AM  
**To:** Rodney Joffe<rjoffe@packetforensics.com>; Lily Kim<Lily.Kim@microsoft.com>  
**CC:** Kirk McConnell<Kirk\_McConnell@armed-services.senate.gov>; Victor Oppleman<victor@packetforensics.com>; Ashfia Rahman<asrahma@microsoft.com>; Christian Cook<Christian.Cook@microsoft.com>; Lisa Patel<lpatel@centergate.com>  
**BCC:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Re: introduction

Kirk, thanks for the intros.

Lily, pleased to meet you!

This Friday works for me. The week after the next I will be hosting a hackathon at GT for DARPA, so my schedule will be less flexible. If you come up with a date, I will try to make it work but I cannot promise that I will be able to.

Many thanks,

--

Manos Antonakakis | Associate Professor | manos@gatech.edu  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668



**From:** Antonakakis, Manos<manos@gatech.edu>

**Sent on:** Friday, August 2, 2019 4:42:00 PM

**To:** Ashfia Rahman<asrahma@microsoft.com>; Rodney Joffe<rjoffe@packetforensics.com>; William Chappell<William.Chappell@microsoft.com>

**CC:** Victor Oppleman<victor@packetforensics.com>; Christian Cook<Christian.Cook@microsoft.com>; Lisa Patel<lpatel@centergate.com>

**BCC:** Antonakakis, Manos<manos@gatech.edu>

**Subject:** Re: introduction

On Fri, 2019-08-02 at 16:35 +0000, Ashfia Rahman wrote:

> I can make 4pm work. Will it work for you @Manos Antonakakis ?

Both slots work for me, yes.

--

Manos Antonakakis | Associate Professor | manos@gatech.edu

School of Electrical and Computer Engineering

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

**From:** NANOG<nanog-bounces@nanog.org> on behalf of Suzanne Woolf<suzworldwide@gmail.com>  
**Sent on:** Tuesday, October 16, 2018 2:11:25 AM  
**To:** Rodney Joffe<rjoffe@centergate.com>  
**CC:** NANOG<nanog@nanog.org>  
**Subject:** Re: It's been 20 years today (Oct 16, UTC). Hard to believe.

> On Oct 15, 2018, at 10:00 PM, Rodney Joffe <rjoffe@centergate.com> wrote:

>

> At NANOG two weeks ago, we had an interesting discussion at one of the lunch tables. One of the subjects we discussed was the original IANA, and RFC Editor, Jon Postel.

>

> Seven of the ten people at the table had never heard of him. Maybe these days it no longer matters who he was, and what he meant to where we are today.

>

> <Sigh>

>

> For those who care about the history of the Internet, and routing and addressing. And protocols...

And the principles that make it “the Internet”, not just “some internets.”

>

> <https://tools.ietf.org/html/rfc2468>

>

Suzanne

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Tuesday, May 1, 2018 2:19:28 PM  
**To:** Chung, Diana (contr-i2o)<diana.chung.ctr@darpa.mil>  
**Subject:** Re: Need CV ASAP by 1pm EST  
**Attachments:** ManosAntonakakis-CV-050118.pdf (113.21 KB)

Hey Diana, please let me know if the attached will suffice.

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Chung, Diana (contr-i2o) <diana.chung.ctr@darpa.mil>  
Sent: Tuesday, May 1, 2018 8:46:15 AM  
To: Antonakakis, Manos  
Subject: Re: Need CV ASAP by 1pm EST

Thanks!

Diana

> On May 1, 2018, at 8:45 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Yes, Diana. I will send you my CV the moment I am done driving into Georgia Tech.

>

> Many thanks for nominating me :)

>

> ---

> Typos due to mobile device ...

>

>> On May 1, 2018, at 08:42, Chung, Diana (contr-i2o) <diana.chung.ctr@darpa.mil> wrote:

>>

>> Hi!

>>

>> JMS wanted to nominate you for the DARPA risers but he did not forward me your updated CV and full contact info (name, email, address, phone number).

>>

>> Can you get that to me by 1pm today? Your package is incomplete if I don't have that information!

>>

>> Thanks,

>> Diana

>>

**From:** Antonakakis, Manos<fvirgil6@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Tuesday, February 12, 2019 4:10:03 AM  
**To:** Rodney Joffe<rodney.joffe@team.neustar>; Christopher Schneck<christopher.schneck.ctr@darpa.mil>  
**BCC:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Re: Neustar Executive Visit to PI meeting March 8th

Thanks you Rodney for the email.

For you guys to attend the site visit I will need to get the green light from Chris. Chris, can you please check and let us know if you have any issues with this?

Thanks, Manos

---  
Typos due to mobile device ...

> On Feb 11, 2019, at 21:06, Rodney Joffe <rodney.joffe@team.neustar> wrote:

>  
> Hello Manos,  
>  
> As you know Neustar has been very involved in developing and improving our ability to provide capabilities and resources for you based on the apparent success of your EA and HACCS programs, using our data.  
>  
> As a result, I wonder if it would be possible for me, our CEO Charlie Gottdiener, Venkat Achanta, our Chief Data Officer, and Adm. (Ret) Mike Mullen (past Chairman of the Joint Chiefs) who is a board director of our data subsidiary to visit you during the PI day on March 8th?  
>  
> I think it would be extremely beneficial for my colleagues to see and understand the impact of our efforts, and to realize just how much of a difference we can make to the country's National Security efforts through GA Tech.  
>  
> They all obviously understand the sensitivity of the PI briefing and meeting, and would respect and sign whatever attendee documents are required of other sub-contractors on your program.  
>  
> Respectfully  
>  
> Rodney  
>  
> =====  
> Rodney Joffe  
> SVP, Senior Technologist, and Fellow  
> National Security Executive  
> Neustar, Inc.  
> 21575 Ridgetop Circle  
> Sterling VA 20166  
> USA  
> +1 202-533-2900 Direct  
> +1 602-418-6471 Cell  
> rodney.joffe@team.neustar  
>

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Tuesday, May 29, 2018 4:25:50 PM  
**To:** Pearson, Christina T<christina.pearson@dev.gatech.edu>  
**CC:** Corcoran, Sean<sean.corcoran@team.neustar>; Joffe, Rodney<Rodney.Joffe@team.neustar>  
**Subject:** Re: Neustar update & visit to Atlanta (and campus) next week

Many thanks Christina.

Sean, very pleased to meet you! Rodney is very much aware of my tremendously hectic schedule next week. I would love to meet you, but I will be hosting a very big and important event (that actually directly impacts Neustar in major ways) and my time is almost non excitant during normal hours.

Rodney, I can make myself available for dinner, if that works for you and Sean. I would like to hear more about the "Neustar Labs" idea --- sounds really intriguing. :)

Many thanks,

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Pearson, Christina T  
Sent: Tuesday, May 29, 2018 12:11:44 PM  
To: Antonakakis, Manos  
Cc: Corcoran, Sean  
Subject: Neustar update & visit to Atlanta (and campus) next week

Hi Manos,

Sean Corcoran, VP of Corporate Development at Neustar (and GT alumnus – also cc'd above), reached out to me requesting to set up a few meetings on campus next week between June 4th-7th. Neuster will have several executives in town and because they are extremely pleased with the work that your lab has done, they wish to explore more ways that Neustar could expand their presence across the GT campus. (see list below)

They will also be reaching out to you directly to schedule some time for these Neustar executives to meet with your team, but they will not necessarily attach this to their visit to campus. Stay tuned for an email from Rodney or Sean.

Just wanted to give you a quick heads up....and feel free to reach back out with any questions.

Thanks,  
Christina

Neustar visitors:  
Venkat Achanta, Chief Data and Analytics Officer  
Rodney Joffe, SVP and Neustar Fellow  
Sean Corcoran, VP of Corporate Development

Areas of interest across campus (3 hours):

- (1) Intro to new ECE Chair – Magnus Egerstedt
- (2) “Neustar Labs” – possibly establishing an Innovation Lab on/near campus – Greg King
- (3) VentureLab – meet/greet and short tour – would like to possibly leverage GT technologies/companies going forward – individual TBD (Keith McGreggor, or other?)

Christina T. Pearson  
Director of Corporate Relations  
Georgia Institute of Technology  
Office of Development  
Atlanta, GA 30332-0220

Phone: 404.894.6007  
cpearson@gatech.edu

**From:** Rodney Joffe<rodney.joffe@team.neustar>  
**Sent on:** Tuesday, March 16, 2021 7:02:01 PM  
**To:** Kline, Allison<allison.kline@darpa.mil>  
**CC:** Chris Schneck<christopher.schneck.ctr@darpa.mil>; Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Re: New DARPA EA PM

> On Mar 11, 2021, at 7:43 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> Hey Rodney,  
>  
> Allow me to re-introduce to Allison, who is the new EA PM. I think it would be a great idea for the two of you to get on a call and catch up about the status of things.

Thanks Manos,

Hello again Allison.

Let me know when.

Regards  
Rodney

=====

Rodney Joffe  
SVP, and Fellow  
National Security Executive  
Neustar, Inc.  
45980 Center Oak Plaza  
Sterling VA 20166  
USA  
+1 202-533-2900 Direct  
+1 602-418-6471 Cell  
rodney.joffe@team.neustar

>  
> Thanks,  
>  
> —  
> Manos Antonakakis, Ph.D. | manos@gatech.edu  
> College of Engineering Dean's Professorship Chair and Associate Professor  
> Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
> School of Electrical and Computer Engineering | Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

**From:** Rodney Joffe<rodney.joffe@neustar.biz>  
**Sent on:** Tuesday, September 20, 2016 9:27:20 PM  
**To:** Noland, Yvonne<yvonne.noland@ohr.gatech.edu>  
**CC:** Cameron, Yolonda L<yolonda.cameron@legal.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Many thanks, Yvonne.

> On Sep 20, 2016, at 3:48 PM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

>

> Hi Rodney,

>

> Attached please find the fully executed NDA.

>

> Thank you,

>

> Yvonne Noland

> Legal Services Coordinator

> Georgia Institute of Technology

> Office of Legal Affairs

> Atlanta, GA 30332-0495

> Email: Yvonne.Noland@legal.gatech.edu

> Phone: 404-894-4812

> Fax: 404-894-3120

>

>

> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

>

>

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Thursday, September 08, 2016 12:29 PM

> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>

> Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Almost there :-)

>

>

> Begin forwarded message:

>

> From: Contracts <Contracts@neustar.biz>

> Date: September 8, 2016 at 12:26:19 PM EDT

> To: "Joffe, Rodney" <Rodney.Joffe@neustar.biz>, Contracts <Contracts@neustar.biz>

> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Attached is the partially executed NDA for The Board of Regents of University System of Georgia, by and behalf of Georgia Institute of Tehnology. Once it has been countersigned, please forward a fully executed copy to Contracts for our files.

>

> Thanks,

> Samantha

> -----Original Message-----

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Wednesday, September 07, 2016 9:01 PM

> To: Contracts <Contracts@neustar.biz>

> Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)



>  
> Over to you to execute.  
>  
> Thanks  
> Rodney  
>  
>  
>  
> Begin forwarded message:  
>  
> From: "Noland, Yvonne" <yvonne.noland@legal.gatech.edu>  
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)  
> Date: September 7, 2016 at 10:41:46 AM EDT  
> To: Rodney Joffe <rodney.joffe@neustar.biz>  
> Cc: "Antonakakis, Emmanouil K" <manos@gatech.edu>, "Cameron, Yolonda L"  
> <yolonda.cameron@legal.gatech.edu>  
> Resent-From: <rodney.joffe@neustar.biz>  
>  
> Hi Rodney,  
>  
> Attached is a final document for signature, reflecting the change from 14 to 20 days in Section 3. Please return a signed copy to me at your earliest convenience. I will route for countersignature and return a fully executed copy to you.  
>  
> Thank you,  
> Yvonne  
>  
> -----Original Message-----  
> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]  
> Sent: Wednesday, September 07, 2016 10:17 AM  
> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>  
> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>  
> Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)  
>  
> Hi Yvonne,  
>  
> OK on these points. Do you have a final for us to sign?  
>  
> On Sep 6, 2016, at 2:28 PM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:  
>  
> Hi Rodney,  
>  
> I've updated the effective date of the document and accepted all mutually agreed upon edits in the attached document.  
>  
> The GIT signatory will not agree to the requested revisions in Section 3. All information disclosed to GIT must be marked in accordance with the original language in Section 3, but we can agree to extend the 14-day period for non-written disclosures to 20 days.  
>  
> Sincerely,  
>  
> Yvonne Noland  
> Legal Services Coordinator  
> Georgia Institute of Technology  
> Office of Legal Affairs  
> Atlanta, GA 30332-0495  
> Email: Yvonne.Noland@legal.gatech.edu  
> Phone: 404-894-4812  
> Fax: 404-894-3120  
>  
>  
> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any

response to it may be subject to public disclosure.

>  
>  
> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]  
> Sent: Tuesday, September 06, 2016 11:20 AM  
> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>  
> Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

> Hi Yvonne,

> This is the correct email.

> Apparently all edits are OK except for the comments below. Could you please confirm?

> Thanks

> Rodney

> =====  
> Rodney Joffe  
> SVP, Senior Technologist, and Fellow  
> Neustar, Inc. (NYSE:NSR)  
> 1775 Pennsylvania Ave. NW  
> Suite 400  
> Washington DC 20006  
> +1 202-533-2900 Direct  
> +1 602-418-6471 Cell

> From: Contracts

> Sent: Tuesday, September 06, 2016 11:06 AM  
> To: Joffe, Rodney <Rodney.Joffe@neustar.biz>; Contracts <Contracts@neustar.biz>  
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

> Hi Rodney,

> All the counter-edits are acceptable with the exception of the Confidential Information marking.

> Through discussions or written information disclosed, it would be somewhat difficult to have to “mark” all proprietary/confidential information as “Confidential”. In the event that there are times that such information is not marked or otherwise indicated verbally during ongoing communication, we want to ensure that, although not marked as “Confidential”, that it is protected under the NA,

> Samantha Ellis  
> NeuStar, Inc. | Contracts Manager  
> 571.434.3421

> From: Noland, Yvonne [mailto:yvonne.noland@legal.gatech.edu]  
> Sent: Tuesday, September 06, 2016 10:14 AM  
> To: Joffe, Rodney <Rodney.Joffe@neustar.biz>; Contracts <Contracts@neustar.biz>  
> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>  
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

> Good morning – please advise regarding the status of this matter at your earliest convenience. Thank you.

> From: Noland, Yvonne

> Sent: Thursday, August 04, 2016 12:38 PM

> To: 'Rodney Joffe' <rodney.joffe@neustar.biz>; 'Contracts@neustar.biz' <Contracts@neustar.biz>

> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>

> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Hi Rodney,

>

> Attached please find our additional comments and revisions for review by your legal department.

>

> Regards,

>

> Yvonne Noland

> Legal Services Coordinator

> Georgia Institute of Technology

> Office of Legal Affairs

> Atlanta, GA 30332-0495

> Email: Yvonne.Noland@legal.gatech.edu

> Phone: 404-894-4812

> Fax: 404-894-3120

>

>

> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

>

>

>

>

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Wednesday, August 03, 2016 12:52 PM

> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>

> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>

> Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Hello Yvonne,

>

>

> Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.

>

>

> Regards

> Rodney

>

>

>

>

>

>

>

> On Aug 3, 2016, at 7:30 AM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

>

> Good morning,

>

> Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

>

> As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

>

> Sincerely,

>  
> Yvonne Noland  
> Legal Services Coordinator  
> Georgia Institute of Technology  
> Office of Legal Affairs  
> Atlanta, GA 30332-0495  
> Email: Yvonne.Noland@legal.gatech.edu  
> Phone: 404-894-4812  
> Fax: 404-894-3120

>  
>  
> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

>  
>  
> <Neustar Inc. (NDA-4406).docx>  
> <Neustar Inc. - GT review 9-6-16 (NDA-4406).docx>  
>  
> <Neustar, Inc. (NDA-4406).pdf>

Microsoft Exchange Server;converted from html;

**From:** Noland, Yvonne<fvirgil6@gatech.edu> on behalf of Noland, Yvonne  
**Sent on:** Wednesday, August 3, 2016 5:16:25 PM  
**To:** Rodney Joffe<rodney.joffe@neustar.biz>  
**Subject:** RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

[Worked that time – thank you very much](#)

---

**From:** Rodney Joffe [mailto:rodney.joffe@neustar.biz]  
**Sent:** Wednesday, August 03, 2016 1:13 PM  
**To:** Noland, Yvonne <yvonne.noland@legal.gatech.edu>  
**Subject:** Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Yvonne,

Does this work?

The email below also includes our legal group contract info.

Thanks

Rodney

Begin forwarded message:

**From:** Contracts <[HYPERLINK "mailto:Contracts@neustar.biz" Contracts@neustar.biz](mailto:Contracts@neustar.biz)>  
**Date:** August 3, 2016 at 9:38:02 AM PDT  
**To:** "Joffe, Rodney" <[HYPERLINK "mailto:Rodney.Joffe@neustar.biz" Rodney.Joffe@neustar.biz](mailto:Rodney.Joffe@neustar.biz)>  
**Cc:** "Konde, Alex" <[HYPERLINK "mailto:alex.konde@neustar.biz" alex.konde@neustar.biz](mailto:alex.konde@neustar.biz)>, Contracts <[HYPERLINK "mailto:Contracts@neustar.biz" Contracts@neustar.biz](mailto:Contracts@neustar.biz)>  
**Subject:** RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Rodney,

Legal has reviewed the attached and have made a few edits. Please let me know if you have any questions or concerns.

Regards,

Samantha

**Samantha Ellis**

**NeuStar, Inc.** | Contracts Manager

571.434.3421

---

**Resent-From:** <[HYPERLINK "mailto:rodney.joffe@neustar.biz" rodney.joffe@neustar.biz](mailto:rodney.joffe@neustar.biz)>  
**From:** "Noland, Yvonne" <[HYPERLINK "mailto:yvonne.noland@legal.gatech.edu" yvonne.noland@legal.gatech.edu](mailto:yvonne.noland@legal.gatech.edu)>  
**Date:** August 3, 2016 at 7:30:34 AM PDT  
**To:** "[HYPERLINK "mailto:Rodney.Joffe@neustar.biz" Rodney.Joffe@neustar.biz](mailto:Rodney.Joffe@neustar.biz)" <[HYPERLINK "mailto:Rodney.Joffe@neustar.biz" Rodney.Joffe@neustar.biz](mailto:Rodney.Joffe@neustar.biz)>  
**Cc:** "Antonakakis, Emmanouil K" <[HYPERLINK "mailto:manos@gatech.edu" manos@gatech.edu](mailto:manos@gatech.edu)>, "Cameron, Yolonda L" <[HYPERLINK "mailto:yolonda.cameron@legal.gatech.edu" yolonda.cameron@legal.gatech.edu](mailto:yolonda.cameron@legal.gatech.edu)>  
**Subject:** PIA - Neustar Inc./Georgia Tech (NDA-4406)

Good morning,

Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information.

However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal

department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

Sincerely,

**Yvonne Noland**

Legal Services Coordinator

Georgia Institute of Technology

Office of Legal Affairs

Atlanta, GA 30332-0495

Email: [Yvonne.Noland@legal.gatech.edu](mailto:Yvonne.Noland@legal.gatech.edu)

Phone: 404-894-4812

Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

Dear Professor Antonakakis:

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos

**Sent on:** Saturday, June 19, 2021 1:11:19 PM

The Promotion and Tenure Committee of the University of Illinois Chicago (UIC) Department of Computer Science is preparing to consider Dr. Jason Polakis for promotion to the rank of Associate Professor with

**To:** Sloan, Robert Hal<rsloan@uic.edu>  
**CC:** Antonakakis, Manos<eamtonakak3@gatech.edu>

**Subject:** Re: Reference request for Jason Polakis

**Attachments:** Manos Antonakakis, we would prefer (161.89 KB)  
To assist us in evaluating his work, we would prefer much like to have your appraisal of his scholarship.

The University of Illinois Chicago wishes to be sure that the referees are as impartial as possible. Therefore, University guidelines require us to ask if you have a **past or current relationship with the candidate that may give the perception of an influence, or gives you a stake in the outcome of the case.**

Such relationships may include but are not limited to:

- You have served as the candidate's Mentor (e.g., Ph.D. supervisor; dissertation committee member; post-doctoral advisor; clinical supervisor)
- You have served as the candidate's Trainee (e.g., student; post-doctoral fellow)
- You have had a **substantial collaboration** with the candidate in the relatively recent past (non-substantive collaborations include providing and/or sharing supplies, equipment, facilities, co-organizing professional meetings, etc.)

If any of these circumstances apply, kindly let us know and we shall discontinue the process of asking you for an evaluation. If you have any questions about the University's standards for conflict of interest, please do not hesitate to contact us.

Please be aware that, according to UIC policies, all correspondence connected with a promotion and tenure case becomes part of the records, **including responses to a letter such as this one.** Therefore, I ask you, please to confine your response to the two issues of (a) your willingness to serve as a referee and (b) any possible conflict of interest. If you have any past or current relationship with the candidate, please describe this in your letter, even if you believe it does not pose a conflict of interest.

If you agree to provide an appraisal, every effort will be made to maintain the confidentiality of your report. Dr. Polakis will not see even an edited version of your letter. The members of our unit's promotion and tenure committee will have access to your letter, as will University committee and administrative officers involved in the promotion process. However, I must add that in light of a Supreme Court decision (*EEOC vs. University of Pennsylvania*) such reports may be subject to involuntary disclosure in legal proceedings.

Please let me know at your earliest convenience if you are willing and able to prepare an evaluation. I shall then send to you a URL from which to download copies of Dr. Polakis's work, published or accepted for publication. The material that we shall ask you to review comprises three to five papers, a short research statement, and the candidate's CV. We shall need your report by Monday, September 20.

In addition, I will appreciate your sending me a recent curriculum vitae, which will allow us to fulfill our requirement to submit a biographical sketch of each referee. The members of our institutional review committees represent diverse interests, and this information is useful to them. Information of the sort needed is not always easy to acquire from standard sources.

When providing your evaluation, please consider the potential broad impact of the COVID-19 pandemic on the candidate's recent activities, which may include (but not be limited to) reduced or delayed publications, canceled speaking invitations and conferences, extensive coursework revisions, and/or reduced work hours.

I realize that requests of this kind impose a burden on people who have attained a position of leadership in their field, as you have, but we are very eager to have your evaluation and hope that you will be able to help us reach a decision.

We appreciate your help in this regard.



Microsoft Exchange Server;converted from html;

**From:** Allen, Lucretia <lucretia.allen@ece.gatech.edu> on behalf of Allen, Lucretia  
**Sent on:** Friday, July 27, 2018 6:28:21 PM

**To:** Antonakakis, Manos <manos@gatech.edu>

**CC:** Blough, Douglas M <doug.blough@ece.gatech.edu>; Allen, Lucretia <lucretia.allen@ece.gatech.edu>

**Subject:** RE: RPT CV Corrections: Antonakakis

**Attachments:** 14 CV - Antonakakis.pdf (196.94 KB), 16 Statement of Completeness.pdf (51.96 KB)

Hi Manos,

I have attached your original CV for correcting. Also, can you provide a clean Statement of Completeness? The one attached is hard to read. Terri said you can electronically sign the

form.

The date on your Statement of Completeness should have the same date as on your CV, which is June 15, 2018 so please update the Statement of Completeness with the appropriate date

before you send back.

Let me know if you have any questions.

Thanks,

Lucretia



Just smile, it's all good!

**From:** Allen, Lucretia

**Sent:** Friday, July 27, 2018 2:10 PM

**To:** Antonakakis, Manos <manos@gatech.edu>

**Cc:** Blough, Douglas M <doug.blough@ece.gatech.edu>; Allen, Lucretia <lucretia.allen@ece.gatech.edu>

**Subject:** RPT CV Corrections: Antonakakis

Hello Professor,

Terri Lee from the Deans Office has reviewed your resume for proper formatting and posted a few comments

on the CV that need correcting.

Please review and correct the items highlighted and send back to me.

Thanks,

Lucretia



Just smile, it's all good!

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Saturday, July 28, 2018 2:22:42 PM  
**To:** Allen, Lucretia<lucretia.allen@ece.gatech.edu>  
**CC:** Blough, Douglas M<doug.blough@ece.gatech.edu>  
**Subject:** Re: RPT CV Corrections: Antonakakis  
**Attachments:** image004.jpg (1.17 KB), image002.jpg (1.17 KB), Statement\_of\_Completeness.pdf (118.21 KB), ManosAntonakakis\_cv.pdf (197.8 KB)

Hey Lucretia,

Please find attached the two revised documents. A couple of clarifications regarding the comments I received from the Dean's office.

First, on the pending journals. I have none, simply because they have no impact to my community. So the NO DATA statement is correct.

Second, on the point about describing my talks, I will have to include abstracts to make the talk descriptions meaningful. That sounds like something that would make the CV unreadable, and in all honesty, I might not have all these abstracts in my records anymore. I decided to not do this because this is a non-trivial task.

Please let me know if you need anything more from my side.

Thanks,

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Allen, Lucretia  
Sent: Friday, July 27, 2018 2:28:21 PM  
To: Antonakakis, Manos  
Cc: Blough, Douglas M; Allen, Lucretia  
Subject: RE: RPT CV Corrections: Antonakakis

Hi Manos,

I have attached your original CV for correcting. Also, can you provide a clean Statement of Completeness? The one attached is hard to read. Terri said you can electronically sign the form. The date on your Statement of Completeness should have the same date as on your CV, which is June 15, 2018 so please update the Statement of Completeness with the appropriate date before you send back.

Let me know if you have any questions.

Thanks,  
Lucretia

[Image result for sunshine smile]  
Just smile, it's all good!

---

From: Allen, Lucretia  
Sent: Friday, July 27, 2018 2:10 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Cc: Blough, Douglas M <doug.blough@ece.gatech.edu>; Allen, Lucretia <lucretia.allen@ece.gatech.edu>  
Subject: RPT CV Corrections: Antonakakis

Hello Professor,

Terri Lee from the Deans Office has reviewed your resume for proper formatting and posted a few comments on the CV that need correcting.

Please review and correct the items highlighted and send back to me.

Thanks,

Lucretia

[Image result for sunshine smile]

Just smile, it's all good!

**From:** Allen, Lucretia<lucretia.allen@ece.gatech.edu> on behalf of Allen, Lucretia  
**Sent on:** Wednesday, August 1, 2018 2:36:11 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** Blough, Douglas M<doug.blough@ece.gatech.edu>  
**Subject:** RE: RPT CV Corrections: Antonakakis  
**Attachments:** ManosAntonakakis\_cv.pdf (197.8 KB), Statement\_of\_Completeness.pdf (118.21 KB)

Hi Manos,

Thanks for the corrections.  
Does your Statement of Completeness read 6/17?  
If so, can you change it 6/15 to match your CV date?

Thanks,  
Lucretia

Just smile, it's all good!

-----Original Message-----

From: Antonakakis, Manos  
Sent: Saturday, July 28, 2018 10:23 AM  
To: Allen, Lucretia <lucretia.allen@ece.gatech.edu>  
Cc: Blough, Douglas M <doug.blough@ece.gatech.edu>  
Subject: Re: RPT CV Corrections: Antonakakis

Hey Lucretia,

Please find attached the two revised documents. A couple of clarifications regarding the comments I received from the Dean's office.

First, on the pending journals. I have none, simply because they have no impact to my community. So the NO DATA statement is correct.

Second, on the point about describing my talks, I will have to include abstracts to make the talk descriptions meaningful. That sounds like something that would make the CV unreadable, and in all honesty, I might not have all these abstracts in my records anymore. I decided to not do this because this is a non-trivial task.

Please let me know if you need anything more from my side.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Allen, Lucretia  
Sent: Friday, July 27, 2018 2:28:21 PM  
To: Antonakakis, Manos  
Cc: Blough, Douglas M; Allen, Lucretia  
Subject: RE: RPT CV Corrections: Antonakakis

Hi Manos,

I have attached your original CV for correcting. Also, can you provide a clean Statement of Completeness? The one attached is hard to read. Terri said you can electronically sign the form.  
The date on your Statement of Completeness should have the same date as on your CV, which is June 15, 2018 so please

update the Statement of Completeness with the appropriate date before you send back.

Let me know if you have any questions.

Thanks,  
Lucretia

[Image result for sunshine smile]  
Just smile, it's all good!

From: Allen, Lucretia  
Sent: Friday, July 27, 2018 2:10 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Cc: Blough, Douglas M <doug.blough@ece.gatech.edu>; Allen, Lucretia <lucretia.allen@ece.gatech.edu>  
Subject: RPT CV Corrections: Antonakakis

Hello Professor,

Terri Lee from the Deans Office has reviewed your resume for proper formatting and posted a few comments on the CV that need correcting.  
Please review and correct the items highlighted and send back to me.

Thanks,  
Lucretia  
[Image result for sunshine smile]

Just smile, it's all good!

Microsoft Exchange Server;converted from html;

**From:** Lee, Wenke<wenke@cc.gatech.edu> on behalf of Lee, Wenke  
**Sent on:** Tuesday, February 2, 2016 2:54:51 PM  
**To:** Cox, Ann<Ann.Cox@HQ.DHS.GOV>; Dewhurst, Jeffrey (CTR)<jeffrey.dewhurst@hq.dhs.gov>  
**CC:** David Dagon<dagon@sudo.sh>  
**Subject:** Re: slides for the PI meeting  
**Attachments:** PI Meeting Feb 2016 Brifing Georgia Tech.pptx (28.74 MB)

Ann,

Sorry. Attached are the slides in the proper format. David will probably have to skip a few details per presentation time limit. Thanks.

Wenke

**From:** Cox, Ann <Ann.Cox@HQ.DHS.GOV>  
**Sent:** Tuesday, February 2, 2016 9:11 AM  
**To:** Lee, Wenke; Dewhurst, Jeffrey (CTR)  
**Cc:** David Dagon  
**Subject:** RE: slides for the PI meeting

Wenke,

Your slides are not in the correct format and don't contain the requested information. Please follow the template attached.

You need to tie in the original proposal to the work presented in the slides. There is a great gap- on title slide that is from the proposal, then- where did this come from?????

We are very short on time to get these done. Please update the slide deck today if possible, tomorrow at the latest.

Cheers,

Ann

**Ann Cox, PhD**

Program Manager

Cyber Security Division (CSD)

Homeland Security Advanced Research Projects Agency (HSARPA)

Science and Technology Directorate (S&T)

Department of Homeland Security (DHS)

[Ann.Cox@hq.dhs.gov](mailto:Ann.Cox@hq.dhs.gov)

Office: (202) 254-6198

BB: (202) 557-9248

---

**From:** Lee, Wenke [mailto:wenke@cc.gatech.edu]

**Sent:** Tuesday, February 02, 2016 8:38 AM

**To:** Cox, Ann; Dewhurst, Jeffrey (CTR)

**Cc:** David Dagon

**Subject:** slides for the PI meeting

Ann,

Attached are the slides (this time from Office 365 - Gmail puts attachment greater than 25 MB in size to Google Drive). Hopefully it works this time. Thanks.

Wenke

**From:** Rodney Joffe<rjoffe@centergate.com>  
**Sent on:** Thursday, September 8, 2016 1:00:19 AM  
**To:** Kountouras, Athanasios<kountouras@gatech.edu>  
**CC:** Manos Antonakakis<antonakakis@gmail.com>  
**Subject:** Re: Submission of Active DNS RAID paper to student competition conference

Hello Thanos

Happy for you to do whatever you want related to this :-)

You have my approval.

Thanks  
Rodney

> On Sep 6, 2016, at 3:26 PM, Athanasios Kountouras <kountouras@gatech.edu> wrote:

>

> Hello Rodney,

>

> I would like to let you know that I am planning to submit the Active DNS paper to a student competition focused on cyber security awareness.

> You can find out more about the event here: <https://csaw.engineering.nyu.edu>

> More about the published work competition here: <https://csaw.engineering.nyu.edu/research>

>

> Since you are one of the authors I would like to know if submitting the paper there, would be ok with you as your name will also be in the paper.

>

> We will submit the exact same version that was submitted to RAID.

> The event is mostly about awareness and promotion of student publications in the cyber security space, and it is only accepting already published papers. That's why we will be submitting the same version that was accepted to RAID 2016.

> I would like to thank you again about your contribution to the paper and your collaboration. It has been very valuable to me as a new student.

>

> Thanos

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Friday, September 7, 2018 2:57:24 AM  
**To:** Rodney Joffe<rjoffe@centergate.com>  
**Subject:** Re: Touch base

You assume too much. That is not true. I was planning to tell him about the proposal.

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Rodney Joffe <rjoffe@centergate.com>  
Sent: Thursday, September 6, 2018 10:56:14 PM  
To: Antonakakis, Manos  
Subject: Re: Touch base

Then why did you invite him to call for unofficial news? That implies you have something different to Angelos. You will regret it because now he will start in on you again... and keep pushing. And you invited it ☐☐

> On Sep 6, 2018, at 10:52 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> I was not planing to, because that is the only hard facts I have.

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

> From: Rodney Joffe <rjoffe@centergate.com>  
> Sent: Thursday, September 6, 2018 10:50:48 PM  
> To: Antonakakis, Manos  
> Subject: Re: Touch base

> DONT TELL HIM ANYTHING DIFFERENT TO ANGELOS After Oct 1 new fiscal year.

>> On Sep 6, 2018, at 10:35 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>> Venkat, nothing official at the moment. We are in waiting mode. If you want some unofficial news, you can give me a quick call.

>> Thanks,

---

>> Manos Antonakakis | manos@gatech.edu  
>> Georgia Institute of Technology  
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

>> From: Achanta, Venkat <Venkat.Achanta@team.neustar>  
>> Sent: Thursday, September 6, 2018 10:30:34 PM  
>> To: Antonakakis, Manos  
>> Cc: Joffe, Rodney  
>> Subject: Touch base



>>

>> Manos,

>>

>> Do you have any other information from DARPA program managers chasing possible path for this fiscal funding ?

>>

>> Thank you.

>>

>> Venkat.

>

**From:** Rodney Joffe<rjoffe@centergate.com>  
**Sent on:** Thursday, March 18, 2021 12:20:28 AM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Surprise!  
**Attachments:** Stavros-W.png.gpg (1.97 MB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Saturday, August 5, 2017 9:39:25 PM  
To: Rodney Joffe <rjoffe@centergate.com>  
Subject: Quick note about a recent data outage

Hey Rodney,

Not sure if your team has realized this already (I suspect you have), but there is a 40 hours or so outage on the datasets we are getting from you starting on 08/02/2017.

I am writing this email for two reasons. Primarily, I would like to know if this could happen again. Such a long outage going unnoticed by your team makes me very skeptical about the long-term quality of your datasets. How such a major issue doesn't get remediated in the first few hours of the outage? Allow me to remind you that this is a 4.5 years project we are working on. Should I be implementing mechanisms that will give *your* team a heads up when something goes wrong? Sounds like not the right thing to be doing (as you are the provider of the datasets not me), but this project needs to be successful for all of us --- me as GT and you as Neustar.

This gives me the right context to bring up the second reason I am writing this email. We are working with a USG partner, where we are statistically monitor the movement of an unknown (to date) threat actor targeting sensitive USG networks. This almost 2 days gap of your data will create a huge gap in our statistical reasoning. In other words, we will have to disclose that for those two days, we have little idea what the actor did due to a failure of the underline data sources. This will be a black mark for Neustar. It is a shame that besides the USG partner, this report will be likely attract the interest of the people in the highest levels of DARPA and likely DoD.

All in all, I would like to remind you that, while we are appreciative of the data you are sharing with us, not providing a reliable service would likely cause both; the project to be less successful but also a significant financial damage to Neustar at the end of the day. This is mainly because through our analysis Neustar would appear as a less than reliable (for the capabilities we develop at GT) data source. I do not think that Neustar would like GT to build unique new capabilities for the USG and then the USG to try to seek a more reliable sources of data to apply our algorithms over. That sounds like a unique opportunity lost for Neustar.

I would appreciate some official feedback from Neustar on this.

Best regards,

—

Manos Antonakakis | manos@gatech.edu  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Tuesday, April 17, 2018 4:35:35 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Smith, Jonathan <jonathan.smith@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, April 17, 2018 4:35:34 PM

Subject: Re: .army and .navy TLDs are running phish

Attachments: Nameless.txt (1.16 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Tuesday, April 17, 2018 5:22:30 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Smith, Jonathan <jonathan.smith@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, April 17, 2018 5:22:29 PM

Subject: Re: .army and .navy TLDs are running phish

Attachments: Nameless.txt (2.53 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Tuesday, April 17, 2018 4:34:02 PM

To: Smith, Jonathan <jonathan.smith@darpa.mil>

CC: Antonakakis, Manos <manos@gatech.edu>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, April 17, 2018 4:34:01 PM

Subject: Re: .army and .navy TLDs are running phish

Attachments: Nameless.txt (1.43 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, April 17, 2018 4:00:14 PM  
To: Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>  
Subject: Re: .army and .navy TLDs are running phish

And, it turns out there is a dynamic DNS service (!!!!) running under dns[.]army and dns[.]navy through here:

<https://dynv6.com/>

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Tuesday, April 17, 2018 10:39:41 AM  
To: Keromytis, Angelos D CIV DARPA (US); Smith, Jonathan  
Subject: .army and .navy TLDs are running phish

Gents, evidently Rightside / Demand Media took over these two TLDs (and .airforce) and they are evidence of phishing campaigns out of them.

<https://www.virustotal.com/en/domain/dns.army/information/>

<https://www.virustotal.com/en/domain/dns.navy/information/>

Is there any interest in running this down from the attribution point of view?

Thanks,

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Tuesday, April 17, 2018 3:30:11 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Smith, Jonathan <jonathan.smith@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, April 17, 2018 3:30:10 PM

Subject: Re: .army and .navy TLDs are running phish

Attachments: Nameless.txt (652 Bytes)



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, September 17, 2018 12:50:00 PM  
To: Rodney Joffe <rjoffe@centergate.com>  
Subject: Re: [cw general] Change of Affiliation

Long story.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Rodney Joffe <rjoffe@centergate.com>  
Sent: Monday, September 17, 2018 5:01:27 AM  
To: Antonakakis, Manos  
Subject: Fwd: [cw general] Change of Affiliation

One of yours?

Useful?

Begin forwarded message:

From: Paul Pearce <pearce@cs.berkeley.edu<mailto:pearce@cs.berkeley.edu>>  
Subject: [cw general] Change of Affiliation  
Date: September 15, 2018 at 3:04:12 PM EDT  
To: "~~~~ CrimeWare ~~~~" <cw-general@ops-trust.net<mailto:cw-general@ops-trust.net>>

Hello all,

I recently completed my PhD at UC Berkeley and have joined Georgia Tech as a professor of computer science.

I plan to keep doing the same type of research (abuse, cybercrime, APTs, censorship) and hope re-connect with you all at future events!

Aside: I am spending the next 10mo at Facebook as a visiting researcher with Site Integrity, but I am not representing them in any capacity, nor am I an appropriate contact for the company.

-Paul

--

[[ trident ]]: All message content remains the property of the author and must not be forwarded or redistributed without explicit permission.

From: Rodney Joffe <rjoffe@centergate.com>  
Sent on: Tuesday, September 18, 2018 2:45:33 AM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: Re: [cw general] Change of Affiliation

OK. tell me when you have time ;-)

> On Sep 17, 2018, at 7:50 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Long story.

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_

> From: Rodney Joffe <rjoffe@centergate.com>

> Sent: Monday, September 17, 2018 5:01:27 AM

> To: Antonakakis, Manos

> Subject: Fwd: [cw general] Change of Affiliation

>

> One of yours?

>

> Useful?

>

>

> Begin forwarded message:

>

> From: Paul Pearce <pearce@cs.berkeley.edu<mailto:pearce@cs.berkeley.edu>>

> Subject: [cw general] Change of Affiliation

> Date: September 15, 2018 at 3:04:12 PM EDT

> To: "~~~~ CrimeWare ~~~~" <cw-general@ops-trust.net<mailto:cw-general@ops-trust.net>>

>

> Hello all,

>

> I recently completed my PhD at UC Berkeley and have joined Georgia

> Tech as a professor of computer science.

>

> I plan to keep doing the same type of research (abuse, cybercrime,

> APTs, censorship) and hope re-connect with you all at future events!

>

> Aside: I am spending the next 10mo at Facebook as a visiting

> researcher with Site Integrity, but I am not representing them in any

> capacity, nor am I an appropriate contact for the company.

> -Paul

> --

> [[ trident ]]: All message content remains the property of the author

> and must not be forwarded or redistributed without explicit permission.

>

>

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Saturday, July 29, 2017 1:19:46 AM  
To: Rodney Joffe <rodney.joffe@team.neustar>; DeJong, Steve <Steve.DeJong@team.neustar>  
Subject: Re: [EXTERNAL] ActiveDNS cloud pricing

Rodney, I think what Steve is doing here is giving you a point of reference. In order to scale the scanning from multiple points, we will need way more than \$100K.

We will do our best with whatever resources we end up getting.

Folks, when can we start? I need to organize my team to get the ball rolling.

—  
Manos Antonakakis | manos@gatech.edu  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Rodney Joffe <rodney.joffe@team.neustar>  
Sent: Friday, July 28, 2017 8:16:04 PM  
To: Antonakakis, Manos; DeJong, Steve  
Subject: Re: [EXTERNAL] ActiveDNS cloud pricing

Steve,

So Am i right in understanding that this is the choice between \$19,200 a year or \$50,400. Both of which are pure noise?

Manos, you had estimated \$100k a year, what are we missing on our side? If I knew it was onl \$19,200 a year I would have paid it myself on my credit card yesterday....

> On Jul 28, 2017, at 9:37 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Gentlemen, does Neustar has a preference between Azure and AWS? If not, I would suggest we go with AWS because that is the path with the least amount of unknowns.

>

> I want these data to make a difference in Neustar. Thus, lets not waste any time with porting/cloud compatibility issues, unless we absolutely have to.

>

> Thanks,

>

> —

> Manos Antonakakis | manos@gatech.edu  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

>

> From: DeJong, Steve <Steve.DeJong@team.neustar>

> Sent: Thursday, July 27, 2017 12:48:47 AM

> To: Antonakakis, Manos; Joffe, Rodney

> Subject: ActiveDNS cloud pricing

>

> I spoke with Chaz briefly regarding the cloud computing needs for the ActiveDNS project. He indicated that all that was really needed was compute resources to run the docker containers - there was no real need for additional cloud services such as redshift or kinesis or things of that nature.

>

- > As I understand the project proposal the DNS "client" containers need to have public addresses and need to be geographically diverse so as to get different responses worldwide. With that in mind I have used the AWS and Azure pricing calculators to estimate 2 client machines per region. I also assumed 50Gb/month of network bandwidth.
- >
- > 2 CPU, ~4 Gb RAM.
- >
- > AWS provides 14 regions - 2 East, 2 West, 1 Canada, 3 Europe, 5 APAC, 1 South America
- > Azure provides 28 regions with more presence in every region including a large presence in India. (26 if you take out the German locations and associated restrictions)
- >
- > AWS will run around \$110/region/month or around \$1600 / month
- > Azure will run around \$160/region/month or \$4200 / month for 26 regions
- >
- > There is some risk that the public address space for cloud services may be generic - eg all Azure addresses map to Redmond - but most geo provides have gotten those things straightened out.
- >
- > Hope this helps
- > Steve
- >
- > Steve De Jong: Neustar, Inc.
- > +1.206.604.3353
- >
- >
- >

From: Rodney Joffe <rodney.joffe@team.neustar>  
Sent on: Saturday, July 29, 2017 1:22:41 AM  
To: Manos Antonakakis <manos@gatech.edu>  
CC: DeJong, Steve <Steve.DeJong@team.neustar>  
Subject: Re: [EXTERNAL] ActiveDNS cloud pricing

Manos, I don't understand. Steve, please explain to me. Feel free to skype me or facetime me.

> On Jul 28, 2017, at 8:19 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Rodney, I think what Steve is doing here is giving you a point of reference. In order to scale the scanning from multiple points, we will need way more than \$100K.

>

> We will do our best with whatever resources we end up getting.

>

> Folks, when can we start? I need to organize my team to get the ball rolling.

>

> —

> Manos Antonakakis | manos@gatech.edu

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_

> From: Rodney Joffe <rodney.joffe@team.neustar>

> Sent: Friday, July 28, 2017 8:16:04 PM

> To: Antonakakis, Manos; DeJong, Steve

> Subject: Re: [EXTERNAL] ActiveDNS cloud pricing

>

> Steve,

>

> So Am i right in understanding that this is the choice between \$19,200 a year or \$50,400. Both of which are pure noise?

>

> Manos, you had estimated \$100k a year, what are we missing on our side? If I knew it was onl \$19,200 a year I would have paid it myself on my credit card yesterday....

>

>> On Jul 28, 2017, at 9:37 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>

>> Gentlemen, does Neustar has a preference between Azure and AWS? If not, I would suggest we go with AWS because that is the path with the least amount of unknowns.

>>

>> I want these data to make a difference in Neustar. Thus, lets not waste any time with porting/cloud compatibility issues, unless we absolutely have to.

>>

>> Thanks,

>>

>> —

>> Manos Antonakakis | manos@gatech.edu

>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>

>>

>> \_\_\_\_\_

>> From: DeJong, Steve <Steve.DeJong@team.neustar>

>> Sent: Thursday, July 27, 2017 12:48:47 AM

>> To: Antonakakis, Manos; Joffe, Rodney

>> Subject: ActiveDNS cloud pricing

>>

>> I spoke with Chaz briefly regarding the cloud computing needs for the ActiveDNS project. He indicated that all that was really needed was compute resources to run the docker containers - there was no real need for additional cloud services such as redshift or kinesis or things of that nature.

>>

>> As I understand the project proposal the DNS "client" containers need to have public addresses and need to be geographically diverse so as to get different responses worldwide. With that in mind I have used the AWS and Azure pricing calculators to estimate 2 client machines per region. I also assumed 50Gb/month of network bandwidth.

>>

>> 2 CPU, ~4 Gb RAM.

>>

>> AWS provides 14 regions - 2 East, 2 West, 1 Canada, 3 Europe, 5 APAC, 1 South America

>> Azure provides 28 regions with more presence in every region including a large presence in India. (26 if you take out the German locations and associated restrictions)

>>

>> AWS will run around \$110/region/month or around \$1600 / month

>> Azure will run around \$160/region/month or \$4200 / month for 26 regions

>>

>> There is some risk that the public address space for cloud services may be generic - eg all Azure addresses map to Redmond - but most geo provides have gotten those things straightened out.

>>

>> Hope this helps

>> Steve

>>

>> Steve De Jong: Neustar, Inc.

>> +1.206.604.3353

>>

>>

>>

>

From: Rodney Joffe <rjoffe@centergate.com>  
Sent on: Saturday, September 2, 2017 4:58:29 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: [EXTERNAL] Changes in my team

Maybe I could have paid it?

> On Sep 2, 2017, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Everything under control, Rodney. Nothing to worry about.

>

> He wants a way higher salary, now. I sadly cannot give him that. He will find it in industry.

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_

> From: Rodney Joffe <rjoffe@centergate.com>

> Sent: Saturday, September 2, 2017 11:45:20 AM

> To: Antonakakis, Manos

> Subject: Re: [EXTERNAL] Changes in my team

>

> Fuck

>

> We should talk.

>

>> On Sep 2, 2017, at 11:44 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>

>> Folks,

>>

>> This is a heads up on an upcoming change in my team. Yacin will be leaving to go and work in the industry (I suspect Google or Facebook). Sadly, I cannot compete with industry level salaries, as you can imagine.

>>

>> That being said, I am bringing on a very trusted, very talented and very senior person that was working under me back in my Damballa days. When he accepts the offer and gives his two week notice, I will announce his name to you. He will be your POC for the next n-years of our DOD projects.

>>

>> For now, please inform your teams that for any issue at all you can contact me, Dave or my senior sysadmin, William (cced).

>>

>> Nothing really changes, this is just a heads up.

>>

>> Cheers,

>>

>> —

>> Manos Antonakakis | manos@gatech.edu

>> Georgia Institute of Technology

>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Saturday, September 2, 2017 4:51:23 PM  
To: Rodney Joffe <rjoffe@centergate.com>  
Subject: Re: [EXTERNAL] Changes in my team

Everything under control, Rodney. Nothing to worry about.

He wants a way higher salary, now. I sadly cannot give him that. He will find it in industry.

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Rodney Joffe <rjoffe@centergate.com>  
Sent: Saturday, September 2, 2017 11:45:20 AM  
To: Antonakakis, Manos  
Subject: Re: [EXTERNAL] Changes in my team

Fuck

We should talk.

> On Sep 2, 2017, at 11:44 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Folks,

>

> This is a heads up on an upcoming change in my team. Yacin will be leaving to go and work in the industry (I suspect Google or Facebook). Sadly, I cannot compete with industry level salaries, as you can imagine.

>

> That being said, I am bringing on a very trusted, very talented and very senior person that was working under me back in my Damballa days. When he accepts the offer and gives his two week notice, I will announce his name to you. He will be your POC for the next n-years of our DOD projects.

>

> For now, please inform your teams that for any issue at all you can contact me, Dave or my senior sysadmin, William (cced).

>

> Nothing really changes, this is just a heads up.

>

> Cheers,

>

> —

> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>



From: Rodney Joffe <rjoffe@centergate.com>  
Sent on: Saturday, September 2, 2017 4:45:20 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: [EXTERNAL] Changes in my team

Fuck

We should talk.

> On Sep 2, 2017, at 11:44 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Folks,

>

> This is a heads up on an upcoming change in my team. Yacin will be leaving to go and work in the industry (I suspect Google or Facebook). Sadly, I cannot compete with industry level salaries, as you can imagine.

>

> That being said, I am bringing on a very trusted, very talented and very senior person that was working under me back in my Damballa days. When he accepts the offer and gives his two week notice, I will announce his name to you. He will be your POC for the next n-years of our DOD projects.

>

> For now, please inform your teams that for any issue at all you can contact me, Dave or my senior sysadmin, William (cced).

>

> Nothing really changes, this is just a heads up.

>

> Cheers,

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Saturday, September 2, 2017 5:02:12 PM  
To: Rodney Joffe <rjoffe@centergate.com>  
Subject: Re: [EXTERNAL] Changes in my team

He is looking for \$300K working out of Atlanta, ideally. He does not worth it, and I would not advise you to hire him remotely for what you want to do (given his personality).

He will go out for a year, he will not like it, and he will come back to the lab.

He is young, he will learn.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Rodney Joffe <rjoffe@centergate.com>  
Sent: Saturday, September 2, 2017 11:58:29 AM  
To: Antonakakis, Manos  
Subject: Re: [EXTERNAL] Changes in my team

Maybe I could have paid it?

> On Sep 2, 2017, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Everything under control, Rodney. Nothing to worry about.

>

> He wants a way higher salary, now. I sadly cannot give him that. He will find it in industry.

>

> —

> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_  
> From: Rodney Joffe <rjoffe@centergate.com>  
> Sent: Saturday, September 2, 2017 11:45:20 AM  
> To: Antonakakis, Manos  
> Subject: Re: [EXTERNAL] Changes in my team

>

> Fuck

>

> We should talk.

>

>> On Sep 2, 2017, at 11:44 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>

>> Folks,

>>

>> This is a heads up on an upcoming change in my team. Yacin will be leaving to go and work in the industry (I suspect Google or Facebook). Sadly, I cannot compete with industry level salaries, as you can imagine.

>>

>> That being said, I am bringing on a very trusted, very talented and very senior person that was working under me back in my Damballa days. When he accepts the offer and gives his two week notice, I will announce his name to you. He will be your POC for the next n-years of our DOD projects.

>>

>> For now, please inform your teams that for any issue at all you can contact me, Dave or my senior sysadmin, William (cced).

>>

>> Nothing really changes, this is just a heads up.

>>

>> Cheers,

>>

>> —

>> Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)

>> Georgia Institute of Technology

>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>

>

From: Rodney Joffe <rodney.joffe@team.neustar>

Sent on: Monday, November 13, 2017 3:16:24 PM

To: Manos Antonakakis <manos@gatech.edu>

Subject: Re: [EXTERNAL] Fw: EA PI Meeting: 1 December 2017 (Friday) at the DCC --- Response needed by COB on 27 November 2017

Got it.

> The registration process for this PI meeting will be different from previous ones. Rather than going through a registration website, we're requesting that each PI respond to Tom Maddern (thomas.maddern.ctr@darpa.mil) with the names, organizations, and countries of citizenship for each of your team members planning on attending. Please provide this information by COB Monday, November 27th.

Rodney Joffe  
Neustar  
United States

>

> Each individual attending will need to bring a completed DARPA Form 104 (attached) along with a government issued ID to the meeting. Non-US citizens will need to submit a DARPA Form 60 (attached) in advance. I have downloaded, and will bring printed copy with me.

From: Rodney Joffe <rodney.joffe@team.neustar>  
Sent on: Wednesday, November 8, 2017 7:59:06 PM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: Re: [EXTERNAL] Fw: Notification HR001117S0051-HACCS-FP-029

Damn awesome!!!!  
I will tell them now.

> On Nov 8, 2017, at 2:53 PM, Antonakakis, Manos <manos@gatech.edu> wrote:  
>  
> Great news Rodney, we got the official notification that we won HACCS! Please relay the news internally to your team.  
>  
> Cheers,  
>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>  
>  
> \_\_\_\_\_  
> From: HACCS <haccs@darpa.mil>  
> Sent: Wednesday, November 8, 2017 12:31 PM  
> To: Antonakakis, Manos; Farrell, Michael D  
> Cc: HACCS  
> Subject: Notification HR001117S0051-HACCS-FP-029  
>  
> Dear Proposer,  
>  
> Please see the attached file regarding your proposal submission (HR001117S0051-HACCS-FP-029) that was submitted to the Harnessing Autonomy for Countering Cyberadversary Systems (HACCS) solicitation.  
>  
> Regards,  
>  
> DARPA/I2O  
> <Letter 029.pdf>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, April 3, 2018 11:37:37 PM  
To: Rodney Joffe <rodney.joffe@team.neustar>  
Subject: Re: [EXTERNAL] Internet of Things - Neustar - Georgia Institute of Technology (Atlanta, GA)  
Attachments: cross-talk-1-3%255b1%255d.pdf (167.81 KB), IOT-MA.pdf (217.1 KB)

You are already working with the experts in the space --- my lab. See attached articles that will be published next month in the GT Research Horizons (<http://www.rh.gatech.edu/>).

Not sure what extra value you will be getting through this. I am sure they are happy to take your money, but the only thing they do is come up with meetings and workshop. If this is your cup of tea, go ahead. If not, then there is no value, IMHO.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Rodney Joffe <rodney.joffe@team.neustar>  
Sent: Tuesday, April 3, 2018 6:29:02 PM  
To: Antonakakis, Manos  
Subject: Fwd: [EXTERNAL] Internet of Things - Neustar - Georgia Institute of Technology (Atlanta, GA)

Thoughts?

Begin forwarded message:

From: "Hook, Lisa" <lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>>  
Subject: Fwd: [EXTERNAL] Internet of Things - Neustar - Georgia Institute of Technology (Atlanta, GA)  
Date: April 3, 2018 at 4:05:38 PM EDT  
To: "Joffe, Rodney" <Rodney.Joffe@team.neustar<mailto:Rodney.Joffe@team.neustar>>

Should we do this? I don't know cost yet

Lisa A. Hook  
Neustar, Inc./President and Chief Executive Officer  
120 SW 8th Street, Miami, FL 33130  
Office: 571/434-5630. Mobile:202/907-5672  
Lisa.Hook@team.neustar<mailto:Lisa.Hook@team.neustar>/www.neustar.biz<http://www.neustar.biz/>

Begin forwarded message:

From: "Louchez, Alain" <Alain.Louchez@gtri.gatech.edu<mailto:Alain.Louchez@gtri.gatech.edu>>  
To: "Hook, Lisa" <lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>>  
Subject: [EXTERNAL] Internet of Things - Neustar - Georgia Institute of Technology (Atlanta, GA)

Dear Ms. Hook,

The Georgia Institute of Technology ("Georgia Tech") has recently established a global sponsor-funded Internet of Things (IoT) Center, i.e., Center for the Development and Application of Internet of Things Technologies (CDAIT <[https://urldefense.proofpoint.com/v2/url?u=http-3A\\_\\_www.cdait.gatech.edu\\_&d=DwMFAG&c=MOptNIVtIETeDALC\\_IULrw&r=wbno7uofr9AG5ancFcEkUNBmytkAGt1amdNkqv](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.cdait.gatech.edu_&d=DwMFAG&c=MOptNIVtIETeDALC_IULrw&r=wbno7uofr9AG5ancFcEkUNBmytkAGt1amdNkqv)>

0gW9fyLTTVZ0rRG1VAT4&e=>, pronounced "sedate").

In short, CDAIT could be viewed as a technological think tank (some might say a "think-and-do tank", i.e., action-oriented) focused on both engineering and business IoT dimensions, and composed of premier multinational companies (\*), widely recognized as leading the deployment of the Internet of Things.

Given the increasing importance of Internet of Things technologies to Neustar, we'd be delighted and honored to have the Company become a member of CDAIT (see attached flyer).

Please let me know if this is of interest.

Respectfully,

Alain

(\*) CDAIT members currently are (parent company's HQ (outside the US) in parentheses): 3M, AIG, AT&T, Boehringer Ingelheim (Germany), Cisco, Coca-Cola, Comcast, Eaton (Ireland), Georgia Pacific, Honeywell, IBM, Intel, Landis+Gyr (Switzerland), Michelin (France), Stanley Black and Decker, UPS, Verizon, and VMware.

Alain Louchez  
Managing Director  
Center for the Development and Application  
of Internet-of-Things Technologies (CDAIT)  
75 5th Street, NW, Suite 900  
Atlanta, Georgia 30308

PHONE: 404.407.8280

EMAIL: [alain.louchez@gtri.gatech.edu](mailto:alain.louchez@gtri.gatech.edu) <<mailto:alain.louchez@gtri.gatech.edu>>

WEBSITE: [www.cdait.gatech.edu](http://www.cdait.gatech.edu) <[https://urldefense.proofpoint.com/v2/url?u=http-3A\\_www.cdait.gatech.edu\\_&d=DwMFAG&c=MOptNIVtIETeDALC\\_IULrw&r=wbno7uofr9AG5ancFcEkUNBmytkAGt1amdnKqv0gW9fyLTTVZ0rRG1VAT4&e=>](https://urldefense.proofpoint.com/v2/url?u=http-3A_www.cdait.gatech.edu_&d=DwMFAG&c=MOptNIVtIETeDALC_IULrw&r=wbno7uofr9AG5ancFcEkUNBmytkAGt1amdnKqv0gW9fyLTTVZ0rRG1VAT4&e=>)>

[Barracuda Networks]

The information contained in this transmission may contain privileged and confidential information. It is intended only for the use of the person(s) named above. If you are not the intended recipient, you are hereby notified that any review, dissemination, distribution or duplication of this communication is strictly prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, January 18, 2018 4:56:57 PM  
To: Hook, Lisa <lisa.hook@team.neustar>  
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>; Naperkoski, Valerie <Valerie.Naperkoski@team.neustar>; Gregory, Liebe <Liebe.Gregory@team.neustar>  
Subject: Re: [EXTERNAL] Re: Friday

Lisa, I am usually at the office by 8.00am. Anytime that works for you.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Hook, Lisa <lisa.hook@team.neustar>  
Sent: Thursday, January 18, 2018 11:55:40 AM  
To: Antonakakis, Manos  
Cc: Joffe, Rodney; Naperkoski, Valerie; Gregory, Liebe  
Subject: Re: [EXTERNAL] Re: Friday

Can we move forward to 9?

Lisa A. Hook  
Neustar Inc/ President & Chief Executive Officer  
120 SW 8th Street, Miami FL 33130  
Office: 571.434.5630 Mobile: 202.907.5672  
lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>/www.neustar.biz<http://www.neustar.biz>

On Jan 17, 2018, at 17:26, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Hey Lisa, absolutely!

My office is at the Klaus Advance Computing Building, 3rd floor, Room 3364. I can send you the visitor parking direction if you will be driving in.

My cell is [REDACTED], in case you need to call me.

Many thanks,

Manos

---  
Typos due to mobile device ...

On Jan 17, 2018, at 20:04, Hook, Lisa <lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>> wrote:

Manos,

I am in Atlanta for meetings on Friday and am wondering if you are in town and free at 9:30 to meet at school. Would love to catch up.



Best,

Lisa

Lisa A. Hook

Neustar, Inc./President and Chief Executive Officer

120 SW 8th Street, Miami, FL 33130

Office: 571/434-5630. Mobile:202/907-5672

Lisa.Hook@team.neustar<mailto:Lisa.Hook@team.neustar>/www.neustar.biz<http://www.neustar.biz>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, January 18, 2018 5:04:43 PM  
To: Hook, Lisa <lisa.hook@team.neustar>  
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>; Naperkoski, Valerie <Valerie.Naperkoski@team.neustar>; Gregory, Liebe <Liebe.Gregory@team.neustar>  
Subject: Re: [EXTERNAL] Re: Friday

Fantastic --- looking forward to it Lisa!

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Hook, Lisa <lisa.hook@team.neustar>  
Sent: Thursday, January 18, 2018 12:03:39 PM  
To: Antonakakis, Manos  
Cc: Joffe, Rodney; Naperkoski, Valerie; Gregory, Liebe  
Subject: Re: [EXTERNAL] Re: Friday

Thanks. Will see you at 9! I don't have any agenda -- just want to meet, catch up.

Lisa A. Hook  
Neustar Inc/ President & Chief Executive Officer  
120 SW 8th Street, Miami FL 33130  
Office: 571.434.5630 Mobile: 202.907.5672  
lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>/www.neustar.biz<http://www.neustar.biz>

On Jan 18, 2018, at 08:57, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Lisa, I am usually at the office by 8.00am. Anytime that works for you.

Thanks,

---

Manos Antonakakis | manos@gatech.edu<<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Hook, Lisa <lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>>  
Sent: Thursday, January 18, 2018 11:55:40 AM  
To: Antonakakis, Manos  
Cc: Joffe, Rodney; Naperkoski, Valerie; Gregory, Liebe  
Subject: Re: [EXTERNAL] Re: Friday

Can we move forward to 9?

Lisa A. Hook  
Neustar Inc/ President & Chief Executive Officer

120 SW 8th Street, Miami FL 33130

Office: 571.434.5630 Mobile: 202.907.5672

[lisa.hook@team.neustar](mailto:lisa.hook@team.neustar) <<mailto:lisa.hook@team.neustar>> <<mailto:lisa.hook@team.neustar>>/[www.neustar.biz](http://www.neustar.biz) <<http://www.neustar.biz>>

On Jan 17, 2018, at 17:26, Antonakakis, Manos

<[manos@gatech.edu](mailto:manos@gatech.edu) <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>> > wrote:

Hey Lisa, absolutely!

My office is at the Klaus Advance Computing Building, 3rd floor, Room 3364. I can send you the visitor parking direction if you will be driving in.

My cell is [REDACTED], in case you need to call me.

Many thanks,

Manos

---

Typos due to mobile device ...

On Jan 17, 2018, at 20:04, Hook, Lisa

<[lisa.hook@team.neustar](mailto:lisa.hook@team.neustar) <<mailto:lisa.hook@team.neustar>> <<mailto:lisa.hook@team.neustar>> > wrote:

Manos,

I am in Atlanta for meetings on Friday and am wondering if you are in town and free at 9:30 to meet at school. Would love to catch up.

Best,

Lisa

Lisa A. Hook

Neustar, Inc./President and Chief Executive Officer

120 SW 8th Street, Miami, FL 33130

Office: 571/434-5630. Mobile:202/907-5672

[Lisa.Hook@team.neustar](mailto:Lisa.Hook@team.neustar) <<mailto:Lisa.Hook@team.neustar>> <<mailto:Lisa.Hook@team.neustar>>/[www.neustar.biz](http://www.neustar.biz) <<http://www.neustar.biz>>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, December 15, 2017 4:49:57 PM  
To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; John.Hall@team.neustar  
CC: Carter, Anita M <anita.carter@ece.gatech.edu>; Joffe, Rodney <Rodney.Joffe@team.neustar>  
Subject: Re: [EXTERNAL] RE: Georgia Tech BuzzMart, PO#: 2100362915

Folks, please resolve this problem with John directly. We have made promises (as GT) that we need to keep.

This *\*must be done\** before the end of the year. No excuses --- I do not care how high this needs to get escalated.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Mitchell, Michael F  
Sent: Friday, December 15, 2017 10:47:32 AM  
To: Antonakakis, Manos  
Cc: Carter, Anita M  
Subject: Fw: [EXTERNAL] RE: Georgia Tech BuzzMart, PO#: 2100362915

Hey Manos,

I just wanted to give you a heads up on this.

John hall with Neustar has been asking to have the next iteration of his PO set up for a few weeks now. I have been working with Anita on getting this done, but due to some confusion and a lack of access to the systems I need, it has taken longer than it should have.

I now have the appropriate access and have gotten the requisition to Business services for processing, but it will still take additional time before the PO can be issued, and it will miss the deadline that Neustar wanted.

I am in contact with Teresa Holcomb to work on this and she is aware of it and will do what she can to issue the PO, but it requires certifications and support documentation that will take a little while to pull together. With people starting to leave for extended holiday leave, it just creates a worse delay.

I'm not sure if you want to reach out to John and assure him this will get done, or contact teresa to see if there is any documentation to support it that you could provide (explanation of need, etc.).

This will not be an issue going forward now that I have the access that I need and that I am getting control of all of the business operations.

M

---

From: Mitchell, Michael F  
Sent: Friday, December 15, 2017 10:38 AM  
To: Hall, John  
Cc: Carter, Anita M  
Subject: Re: [EXTERNAL] RE: Georgia Tech BuzzMart, PO#: 2100362915

Hey John,

I just spoke with the contracting officer that will be responsible for this PO. Unfortunately, due to the size, the source of funds (Federal) and holiday breaks for many people, this will most likely not be completed prior to the new year.

Ga Tech business services should be reaching out to you shortly to have several required federal certifications signed to add to the requisition. I am working with them to make sure that all the documents they need are submitted asap from my end, but be prepared to sign and return to them whatever they need quickly if possible.

Again, all I can offer is my apologies for the delays and promise to continue to work diligently on getting this through the process as fast as it will allow. I will speak with Manos about this and see if he can offer any support or "encouragement" to our procurement team to move this through quickly.

Michael.

---

From: Hall, John <John.Hall@team.neustar>  
Sent: Tuesday, December 12, 2017 11:42:04 AM  
To: Mitchell, Michael F  
Cc: Carter, Anita M  
Subject: Re: [EXTERNAL] RE: Georgia Tech BuzzMart, PO#: 2100362915

Hi Michael, I appreciate the note. I'm a little concerned about the timing of this, as we're into the holiday season. We work fairly closely with Manos (on this program and some future interests) and am wondering if asking him to help make this renewal a priority may help you get the process expedited? It will be a pretty major issue for us and our finance processes if we can't recognize this program revenue before 12/18 or 19, and I would sure like to get it done and booked even earlier.

Let m know if you think getting Manos involved would help us move this along.

Many thanks for your time / energy investment here.

VR

John W Hall  
Neustar, Inc. / Sr. Director - Federal Business  
[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

---

The information contained in this e-mail message is intended only for the use of the recipient(s) named above and may contain confidential and/or privileged information. If you are not the intended

recipient you have received this e-mail message in error and any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately and delete the original message

---

On 12/11/17, 5:00 PM, "Mitchell, Michael F" <michael.mitchell@ece.gatech.edu> wrote:

>Hey John,

>

>I have everything on my end to submit this for issuing the PO. I know the person who usually works on these types of POs and I will get in contact with her and see if we can move this through their process quickly.

>

>Thanks for your help!

>

>MM

>

>-----Original Message-----

>From: Hall, John [<mailto:John.Hall@team.neustar>]

>Sent: Monday, December 11, 2017 12:16 PM

>To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

>Cc: Carter, Anita M <anita.carter@ece.gatech.edu>

>Subject: Re: [EXTERNAL] RE: Georgia Tech BuzzMart, PO#: 2100362915

>

>Hello Michael / Anita, Are you all etc provide an update on your process?

>

>Thanks in advance

>

>John W Hall

>Neustar, Inc. / Sr. Director - Federal Business

>[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

>

>\_

>\_\_\_\_\_

>

>The information contained in this e-mail message is intended only for the use of the recipient(s) named above and may contain confidential and/or privileged information. If you are not the intended recipient you have received this e-mail message in error and any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately and delete the original message

>\_\_\_\_\_

>

>  
>  
>  
>  
>  
>  
>  
>  
>  
>  
>  
>  
>  
>  
>

>On 12/8/17, 12:09 PM, "Hall, John" <John.Hall@team.neustar> wrote:

>

>>Hi Michael / Anita, I just wanted to confirm that you have what you  
>>need to complete the award process. Are you still able to get this  
>>complete before we go into the weekend? Did the amended quote I sent  
>>yesterday satisfy your needs?

>>

>>I appreciate your help here!

>>

>>John W Hall  
>>Neustar, Inc. / Sr. Director - Federal Business  
>>[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

>>\_\_\_\_\_

>>\_\_

>>\_

>>\_\_\_\_\_

>>

>>The information contained in this e-mail message is intended only for  
>>the use of the recipient(s) named above and may contain confidential  
>>and/or privileged information. If you are not the intended recipient  
>>you have received this e-mail message in error and any review,  
>>dissemination, distribution, or copying of this message is strictly  
>>prohibited. If you have received this communication in error, please  
>>notify us immediately and delete the original message

>>\_\_\_\_\_

>>

>>

>>

>>

>>

>>

>>

>>

>>

>>

>>

>>

>>On 12/7/17, 10:51 AM, "Hall, John" <John.Hall@team.neustar> wrote:

>>

>>>Michael, Here is the original quote with an expiration date of 12/19/17.  
>>>Let me know if this is what you are looking for or if you want me to  
>>>build out a new quote for year 2 (aka option year 1)?

>>>

>>>Thanks for working on this - I know that these things can be  
>>>especially tedious even when you're not new to the process.

>>>

>>>John W Hall  
>>>Neustar, Inc. / Sr. Director - Federal Business

>>>[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

>>>\_\_\_\_\_

>>>\_\_

>>>\_

>>>\_

>>>\_\_\_\_\_

>>>

>>>The information contained in this e-mail message is intended only for  
>>>the use of the recipient(s) named above and may contain confidential  
>>>and/or privileged information. If you are not the intended recipient  
>>>you have received this e-mail message in error and any review,  
>>>dissemination, distribution, or copying of this message is strictly  
>>>prohibited. If you have received this communication in error, please  
>>>notify us immediately and delete the original message

>>>\_\_\_\_\_

>>>

>>>

>>>

>>>

>>>

>>>

>>>

>>>

>>>

>>>

>>>

>>>

>>>On 12/7/17, 9:42 AM, "Mitchell, Michael F"

>>><michael.mitchell@ece.gatech.edu> wrote:

>>>

>>>>Good Morning John

>>>>

>>>>First let me start by apologizing for the delay on this. This is  
>>>>something that we should have been able to get this turned around  
>>>>much faster than we have so far. Given my newness to this position I  
>>>>have had some difficulty getting things moving in the right direction  
>>>>and getting this process started. I am working very closely with  
>>>>procurement to get this done.

>>>>

>>>>I will need a new quote for the \$350,000 this year in order to get  
>>>>things approved, since the old quote was only good until 12/01/2016.  
>>>>Once I have that I will be able to work on finalizing the new PO.

>>>>

>>>>Again my deepest apologies for the delay, and just be patient a bit  
>>>>longer so I can get this done.

>>>>

>>>>

>>>>Michael Mitchell

>>>>

>>>>Research Operations Program Manager

>>>>GEORGIA Institute

>>>>of TECH nology

>>>>School of Electrical and Computer Engineering

>>>>777 Atlantic Drive NW

>>>>Atlanta, GA 30332-0765

>>>>

>>>>

>>>>



>>>>-----Original Message-----

>>>>From: Hall, John [<mailto:John.Hall@team.neustar>]

>>>>Sent: Thursday, November 30, 2017 12:26 PM

>>>>To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

>>>>Cc: Carter, Anita M <anita.carter@ece.gatech.edu>

>>>>Subject: Re: [EXTERNAL] RE: Georgia Tech BuzzMart, PO#: 2100362915

>>>>

>>>>Hi Michael - as you can imagine, I am getting inquiries on the

>>>>possibility of booking this order this month. Do you have an update?

>>>>Would a call to Manos improve our probability of getting an order by

>>>>tomorrow?

>>>>

>>>>Sorry to press but would really appreciate your help if there is a way.

>>>>

>>>>Thanks in advance!!

>>>>

>>>>John W Hall

>>>>Neustar, Inc. / Sr. Director - Federal Business

>>>>[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

>>>>

>>>>\_\_\_\_\_

>>>>\_\_

>>>>\_

>>>>\_

>>>>\_

>>>>\_\_\_\_\_

>>>>

>>>>The information contained in this e-mail message is intended only for

>>>>the use of the recipient(s) named above and may contain confidential

>>>>and/or privileged information. If you are not the intended recipient

>>>>you have received this e-mail message in error and any review,

>>>>dissemination, distribution, or copying of this message is strictly

>>>>prohibited. If you have received this communication in error, please

>>>>notify us immediately and delete the original message

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>>-----Original Message-----

>>>>From: Hall, John [<mailto:John.Hall@team.neustar>]  
>>>>Sent: Tuesday, November 28, 2017 11:56 AM  
>>>>To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
>>>>Subject: Re: [EXTERNAL] RE: Georgia Tech BuzzMart, PO#: 2100362915

>>>>  
>>>>Hi Michael - Hope you had nice thanksgiving holiday. Thought I'd  
>>>>touch base to check your status on your po process. Is there  
>>>>anything else you need from me? Do you think there is any  
>>>>possibility of getting us the PO this week so we can book it in  
>>>>November?

>>>>  
>>>>Let me know / thanks in advance

>>>>  
>>>>John W Hall  
>>>>Neustar, Inc. / Sr. Director - Federal Business  
>>>>[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

>>>>\_\_\_\_\_

>>>>  
>>>>The information contained in this e-mail message is intended only  
>>>>for the use of the recipient(s) named above and may contain  
>>>>confidential and/or privileged information. If you are not the  
>>>>intended recipient you have received this e-mail message in error  
>>>>and any review, dissemination, distribution, or copying of this  
>>>>message is strictly prohibited. If you have received this  
>>>>communication in error, please notify us immediately and delete the  
>>>>original message

>>>>\_\_\_\_\_

>>>>  
>>>>On 11/20/17, 11:03 AM, "Mitchell, Michael F"  
>>>><michael.mitchell@ece.gatech.edu> wrote:

>>>>  
>>>>>Hey John,  
>>>>>  
>>>>>Thanks for getting this to me. The total number is accurate, the  
>>>>>yearly totals are a bit different, but not a big deal.

>>>>>  
>>>>>Based on what I am seeing in out internal accounts we had issued a  
>>>>>PO for \$1,000,000. We have executed and paid for that in full. Now  
>>>>>we need to create and issue a PO for the new amount of \$350,000 per  
>>>>>the outline you provided. Right?

>>>>>  
>>>>>MM  
>>>>>

>>>>>-----Original Message-----

>>>>>From: Hall, John [<mailto:John.Hall@team.neustar>]

>>>>>Sent: Monday, November 20, 2017 10:52 AM

>>>>>To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

>>>>>Subject: FW: Georgia Tech BuzzMart, PO#: 2100362915

>>>>>

>>>>>Hi Michael, Here is the original award email with the two  
>>>>>attachments we discussed. Let me know if you have any questions or  
>>>>>concerns.

>>>>>

>>>>>Thanks in advance!

>>>>>

>>>>>John W Hall

>>>>>Neustar, Inc. / Sr. Director Federal Business

>>>>>[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

>>>>>\_\_\_\_\_

>>>>>\_\_

>>>>>\_

>>>>>\_\_

>>>>>\_

>>>>>\_\_\_\_\_

>>>>>

>>>>>The information contained in this e-mail message is intended only  
>>>>>for the use of the recipient(s) named above and may contain  
>>>>>confidential and/or privileged information. If you are not the  
>>>>>intended recipient you have received this e-mail message in error  
>>>>>and any review, dissemination, distribution, or copying of this  
>>>>>message is strictly prohibited. If you have received this  
>>>>>communication in error, please notify us immediately and delete the  
>>>>>original message

>>>>>\_\_\_\_\_

>>>>>

>>>>>

>>>>>

>>>>>

>>>>>

>>>>>

>>>>>

>>>>>

>>>>>

>>>>>

>>>>>

>>>>>On 12/22/16, 4:08 PM, "support@sciquest.com" <support@sciquest.com>

>>>>>wrote:

>>>>>

>>>>>>Attached to this email is Purchase Order Number 2100362915 for  
>>>>>>Georgia Institute of Technology. Please note that there may be  
>>>>>>additional supporting documents attached as well.

>>>>>

>>>>>

>>>>

>>>

>>

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, April 12, 2018 8:29:02 PM  
To: Hook, Lisa <lisa.hook@team.neustar>  
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>; Michael Sussmann <MSussmann@perkinscoie.com>  
Subject: Re: [EXTERNAL] Re: Intro

Lisa, absolutely no problem. :)

We should sync at some point over the phone. Your data have been doing miracles for our national security and the capabilities we are building for the DoD are second to none.

As a LTG said recently in one of our meetings; "we have asked the GT team to build a plan and fly it at the same time". We are able to do this because of the wealth in your datasets.

Many thanks for trusting us with them!

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Hook, Lisa <lisa.hook@team.neustar>  
Sent: Thursday, April 12, 2018 2:32:21 PM  
To: Antonakakis, Manos  
Cc: Joffe, Rodney; Michael Sussmann  
Subject: Re: [EXTERNAL] Re: Intro

Yes, see my immediate previous email. I am sorry for creating confusion...

Lisa A. Hook  
Neustar, Inc./President and Chief Executive Officer  
120 SW 8th Street, Miami, FL 33130  
Office: 571/434-5630. Mobile:202/907-5672  
Lisa.Hook@team.neustar/www.neustar.biz

> On Apr 12, 2018, at 12:17 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Cool.

>

> For the record, let me remind everybody that GT is Neustar's customer with the respect of EA and very soon HACCS programs. This means that we are buying your data so we can conduct research and validate our algorithms. It is only fair to assume that if we find malice in your data we have an ethical responsibility to report it to you. [REDACTED]

>

> We are not (as GT) in business to create services or anything along these lines. Even more important is the fact that any technology transfer (when possible) should take place under the proper technology transition mechanisms provided by GT.

>

> As far as I am concerned, our GT - Neustar contractual obligations begin and ends in the existing data sharing agreements in place.

>

> Thanks, Manos

>  
> ---  
> Typos due to mobile device ...  
>  
>> On Apr 12, 2018, at 12:10, Rodney Joffe <rodney.joffe@team.neustar> wrote:  
>>  
>> After you are done is fine. Michael, when Manos calls, I will add you to the call.  
>>  
>>  
>>> On Apr 12, 2018, at 12:08 PM, Antonakakis, Manos <manos@gatech.edu> wrote:  
>>>  
>>> I land at 14.00. I am on a telephone call with Jason Livingood from Comcast until 14.30, and by then I should be walking into the Darpa building. You need me to call you then or after I am done with my meetings?  
>>>  
>>> ---  
>>> Typos due to mobile device ...  
>>>  
>>>> On Apr 12, 2018, at 12:06, Rodney Joffe <rodney.joffe@team.neustar> wrote:  
>>>>  
>>>> Guys.  
>>>>  
>>>> You are talking at cross purposes.  
>>>>  
>>>> Manos, what time do you land at DCA? I will make sure I can get out of my meeting and talk by phone,  
>>>>  
>>>> Michael, please stand down now.  
>>>>  
>>>>  
>>>>  
>>>>> On Apr 12, 2018, at 12:04 PM, Antonakakis, Manos <manos@gatech.edu> wrote:  
>>>>>  
>>>>> I am sorry Michael, but I have no idea what you are talking about. Perhaps a call is in order.  
>>>>>  
>>>>> Thanks, Manos  
>>>>>  
>>>>> ---  
>>>>> Typos due to mobile device ...  
>>>>>  
>>>>>> On Apr 12, 2018, at 12:02, Sussmann, Michael A. (Perkins Coie) <MSussmann@perkinscoie.com> wrote:  
>>>>>>  
>>>>>> Manos,  
>>>>>>  
>>>>>> Rodney is helping me prepare a proposal and description of the commercial services that you plan to offer in July or thereafter. Rodney is tied up today, but has time to help me this evening. I was merely reaching out to you on the chance that you had some time today to help get started and thereby make my work with Rodney this evening go quicker. I'll connect with Rodney later, and one of us will let you know if we need anything from you in this regard.  
>>>>>>  
>>>>>> Safe travels, and thanks for your responsiveness. I look forward to meeting you.  
>>>>>>  
>>>>>> Michael  
>>>>>>  
>>>>>>  
>>>>>>> On Apr 12, 2018, at 11:53 AM, Rodney Joffe <rodney.joffe@team.neustar> wrote:  
>>>>>>>  
>>>>>>> Hi Manos,  
>>>>>>>  
>>>>>>> Glad to know that you are on your way to DC.





From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Thursday, April 12, 2018 6:52:48 PM  
To: Rodney Joffe <rjoffe@centergate.com>  
Subject: Re: [EXTERNAL] Re: Intro

If you see this in the next 5 minutes call me.

---  
Typos due to mobile device ...

> On Apr 12, 2018, at 12:34, Rodney Joffe <rjoffe@centergate.com> wrote:

>  
> Manos,  
>  
> Calm down. Take deep breaths.  
>  
> Lisa dn Michael jumped the gun without telling me what they were planning, before I could discuss with you.  
>  
> I UNDERSTAND the situation.  
>  
> This is Lisa confusing Notos and GT and your dual role, which you should have expected.  
>  
> Lets talk when you get done with DARPA.  
>  
>

>> On Apr 12, 2018, at 12:17 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>  
>> Cool.  
>>  
>> For the record, let me remind everybody that GT is Neustar's customer with the respect of EA and very soon HACCS programs. This means that we are buying your data so we can conduct research and validate our algorithms. It is only fair to assume that if we find malice in your data we have an ethical responsibility to report it to you. [REDACTED]  
[REDACTED]

>>  
>> We are not (as GT) in business to create services or anything along these lines. Even more important is the fact that any technology transfer (when possible) should take place under the proper technology transition mechanisms provided by GT.

>> As far as I am concerned, our GT - Neustar contractual obligations begin and ends in the existing data sharing agreements in place.

>>  
>> Thanks, Manos

>>  
>> ---  
>> Typos due to mobile device ...

>>> On Apr 12, 2018, at 12:10, Rodney Joffe <rodney.joffe@team.neustar> wrote:

>>>  
>>> After you are done is fine. Michael, when Manos calls, I will add you to the call.

>>>  
>>>> On Apr 12, 2018, at 12:08 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>>>  
>>>> I land at 14.00. I am on a telephone call with Jason Livingood from Comcast until 14.30, and by then I should be walking into the Darpa building. You need me to call you then or after I am done with my meetings?



>>>>  
>>>> ---  
>>>> Typos due to mobile device ...  
>>>>  
>>>>> On Apr 12, 2018, at 12:06, Rodney Joffe <rodney.joffe@team.neustar> wrote:  
>>>>>  
>>>>> Guys.  
>>>>>  
>>>>> You are talking at cross purposes.  
>>>>>  
>>>>> Manos, what time do you land at DCA? I will make sure I can get out of my meeting and talk by phone,  
>>>>>  
>>>>> Michael, please stand down now.  
>>>>>  
>>>>>  
>>>>>  
>>>>>> On Apr 12, 2018, at 12:04 PM, Antonakakis, Manos <manos@gatech.edu> wrote:  
>>>>>>  
>>>>>> I am sorry Michael, but I have no idea what you are talking about. Perhaps a call is in order.  
>>>>>>  
>>>>>> Thanks, Manos  
>>>>>>  
>>>>>> ---  
>>>>>> Typos due to mobile device ...  
>>>>>>  
>>>>>>> On Apr 12, 2018, at 12:02, Sussmann, Michael A. (Perkins Coie) <MSussmann@perkinscoie.com> wrote:  
>>>>>>>  
>>>>>>> Manos,  
>>>>>>>  
>>>>>>>> Rodney is helping me prepare a proposal and description of the commercial services that you plan to offer in July or thereafter. Rodney is tied up today, but has time to help me this evening. I was merely reaching out to you on the chance that you had some time today to help get started and thereby make my work with Rodney this evening go quicker. I'll connect with Rodney later, and one of us will let you know if we need anything from you in this regard.  
>>>>>>>  
>>>>>>>> Safe travels, and thanks for your responsiveness. I look forward to meeting you.  
>>>>>>>>  
>>>>>>>> Michael  
>>>>>>>>  
>>>>>>>>  
>>>>>>>>> On Apr 12, 2018, at 11:53 AM, Rodney Joffe <rodney.joffe@team.neustar> wrote:  
>>>>>>>>>  
>>>>>>>>>> Hi Manos,  
>>>>>>>>>>  
>>>>>>>>>>> Glad to know that you are on your way to DC.  
>>>>>>>>>>>  
>>>>>>>>>>>> Let's try meet up while you are here, you, me and Michael.  
>>>>>>>>>>>>  
>>>>>>>>>>>>> Then we can talk through everything :-). Better than email.  
>>>>>>>>>>>>>  
>>>>>>>>>>>>>> What is your DC schedule?  
>>>>>>>>>>>>>>  
>>>>>>>>>>>>>>> On Apr 12, 2018, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:  
>>>>>>>>>>>>>>>>  
>>>>>>>>>>>>>>>>> Lisa, I just boarded a flight to DC, where I will spend the rest of my day with meetings at DARPA. Tomorrow, my entire day will be spent at the HACCS kickoff meeting where I will be presenting the 4 years research agenda of the program.

>>>>>>>

>>>>>>> Michael, nice to meet you. I can get on a call today between 17.00 and 18.00, tomorrow after 20.00 and over the weekend anytime you want. All times are EST.

>>>>>>>

>>>>>>> To be totally honest, I would like to clarify what the request is here as a first step.

[REDACTED] This is not technology that is related with Neustar — beyond the fact that we used your data.

>>>>>>>

>>>>>>> Could Neustar offer something similar? Sure, since you have the data. :) However, what GT is doing (the technology we are generating) is for the USG (DoD to be precise).

>>>>>>>

>>>>>>> Thanks and hopefully this message clarifies things a bit.

>>>>>>>

>>>>>>> Manos

>>>>>>> ---

>>>>>>> Typos due to mobile device ...

>>>>>>>

>>>>>>> On Apr 12, 2018, at 11:39, Hook, Lisa <lisa.hook@team.neustar> wrote:

>>>>>>>

>>>>>>> Manos meet Michael,

>>>>>>>

>>>>>>> Michael is our longtime outside counsel on national security and other issues. He is working with Rodney on a proposal to provide analytics similar to what you are doing in Australia.

>>>>>>>

>>>>>>> Rodney is closed off right now and Michael needs someone to speak to for more details on the service we provide so he can write up a proposal.

>>>>>>>

>>>>>>> Hoping you two can jump on the phone asap.

>>>>>>>

>>>>>>> Thanks -- Lisa

>>>>>>>

>>>>>>>

>>>>>>> Lisa A. Hook

>>>>>>> Neustar Inc/ President & Chief Executive Officer

>>>>>>> 120 SW 8th Street, Miami FL 33130

>>>>>>> Office: 571.434.5630 Mobile: 202.907.5672 lisa.hook@team.neustar/www.neustar.biz

>>>>>>>

>>>>>>>

>>>>>>> \_\_\_\_\_

>>>>>>>

>>>>>>> NOTICE: This communication may contain privileged or other confidential information. If you have received it in error, please advise the sender by reply email and immediately delete the message and any attachments without copying or disclosing the contents. Thank you.

>>>>>

>>>>

>

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Thursday, April 12, 2018 4:59:48 PM  
To: Rodney Joffe <rodney.joffe@team.neustar>  
CC: Lisa Hook <lisa.hook@team.neustar>; Michael Sussmann <MSussmann@perkinscoie.com>  
Subject: Re: [EXTERNAL] Re: Intro

Packed really badly.

I can try to escape early today and meet you by the darpa area around 16.00 or after 22.00 at the Arlington Hilton hotel.

Tomorrow I can meet you at the Arlington Hilton hotel 7.00am (or earlier) but I have a hard stop at 8.00am — as I need to head out to DARPA. My flight to Atlanta leaves at 18.00 so, I could probably meet with you at 15.00 outside darpa for an hour just before I head out.

---

Typos due to mobile device ...

> On Apr 12, 2018, at 11:53, Rodney Joffe <rodney.joffe@team.neustar> wrote:

>

> Hi Manos,

>

> Glad to know that you are on your way to DC.

>

> Let's try meet up while you are here, you, me and Michael.

>

> Then we can talk through everything :-). Better than email.

>

> What is your DC schedule?

>

>

>> On Apr 12, 2018, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>

>> Lisa, I just boarded a flight to DC, where I will spend the rest of my day with meetings at DARPA. Tomorrow, my entire day will be spent at the HACCS kickoff meeting where I will be presenting the 4 years research agenda of the program.

>>

>> Michael, nice to meet you. I can get on a call today between 17.00 and 18.00, tomorrow after 20.00 and over the weekend anytime you want. All times are EST.

>>

>> To be totally honest, I would like to clarify what the request is here as a first step. [REDACTED]

[REDACTED] This is not technology that is related with Neustar — beyond the fact that we used your data.

>>

>> Could Neustar offer something similar? Sure, since you have the data. :) However, what GT is doing (the technology we are generating) is for the USG (DoD to be precise).

>>

>> Thanks and hopefully this message clarifies things a bit.

>>

>> Manos

>> ---

>> Typos due to mobile device ...

>>

>>> On Apr 12, 2018, at 11:39, Hook, Lisa <lisa.hook@team.neustar> wrote:

>>>

>>> Manos meet Michael,

>>>

>>> Michael is our longtime outside counsel on national security and other issues. He is working with Rodney on a

proposal to provide analytics similar to what you are doing in Australia.

>>>

>>> Rodney is closed off right now and Michael needs someone to speak to for more details on the service we provide so he can write up a proposal.

>>>

>>> Hoping you two can jump on the phone asap.

>>>

>>> Thanks -- Lisa

>>>

>>>

>>> Lisa A. Hook

>>> Neustar Inc/ President & Chief Executive Officer

>>> 120 SW 8th Street, Miami FL 33130

>>> Office: 571.434.5630 Mobile: 202.907.5672 [lisa.hook@team.neustar.com](mailto:lisa.hook@team.neustar.com)/[www.neustar.biz](http://www.neustar.biz)

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, April 12, 2018 8:32:35 PM  
To: Rodney Joffe <rjoffe@centergate.com>  
Subject: Re: [EXTERNAL] Re: Intro

Back online. Call me anytime before 17.30.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Thursday, April 12, 2018 1:52:48 PM  
To: Rodney Joffe  
Subject: Re: [EXTERNAL] Re: Intro

If you see this in the next 5 minutes call me.

---  
Typos due to mobile device ...

> On Apr 12, 2018, at 12:34, Rodney Joffe <rjoffe@centergate.com> wrote:

>  
> Manos,  
>  
> Calm down. Take deep breaths.  
>  
> Lisa dn Michael jumped the gun without telling me what they were planning, before I could discuss with you.  
>  
> I UNDERSTAND the situation.  
>  
> This is Lisa confusing Notos and GT and your dual role, which you should have expected.  
>  
> Lets talk when you get done with DARPA.

>> On Apr 12, 2018, at 12:17 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>  
>> Cool.  
>>  
>> For the record, let me remind everybody that GT is Neustar's customer with the respect of EA and very soon HACCS programs. This means that we are buying your data so we can conduct research and validate our algorithms. It is only fair to assume that if we find malice in your data we have an ethical responsibility to report it to you. [REDACTED]

>>  
>> We are not (as GT) in business to create services or anything along these lines. Even more important is the fact that any technology transfer (when possible) should take place under the proper technology transition mechanisms provided by GT.

>>  
>> As far as I am concerned, our GT - Neustar contractual obligations begin and ends in the existing data sharing agreements in place.

>>

>> Thanks, Manos

>>

>> ---

>> Typos due to mobile device ...

>>

>>> On Apr 12, 2018, at 12:10, Rodney Joffe <rodney.joffe@team.neustar> wrote:

>>>

>>> After you are done is fine. Michael, when Manos calls, I will add you to the call.

>>>

>>>

>>>> On Apr 12, 2018, at 12:08 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>>>

>>>> I land at 14.00. I am on a telephone call with Jason Livingood from Comcast until 14.30, and by then I should be walking into the Darpa building. You need me to call you then or after I am done with my meetings?

>>>>

>>>> ---

>>>> Typos due to mobile device ...

>>>>

>>>>> On Apr 12, 2018, at 12:06, Rodney Joffe <rodney.joffe@team.neustar> wrote:

>>>>>

>>>>> Guys.

>>>>>

>>>>> You are talking at cross purposes.

>>>>>

>>>>> Manos, what time do you land at DCA? I will make sure I can get out of my meeting and talk by phone,

>>>>>

>>>>> Michael, please stand down now.

>>>>>

>>>>>

>>>>>

>>>>>> On Apr 12, 2018, at 12:04 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>>>>>

>>>>>> I am sorry Michael, but I have no idea what you are talking about. Perhaps a call is in order.

>>>>>>

>>>>>> Thanks, Manos

>>>>>>

>>>>>> ---

>>>>>> Typos due to mobile device ...

>>>>>>

>>>>>>> On Apr 12, 2018, at 12:02, Sussmann, Michael A. (Perkins Coie) <MSussmann@perkinscoie.com> wrote:

>>>>>>>

>>>>>>> Manos,

>>>>>>>

>>>>>>> Rodney is helping me prepare a proposal and description of the commercial services that you plan to offer in July or thereafter. Rodney is tied up today, but has time to help me this evening. I was merely reaching out to you on the chance that you had some time today to help get started and thereby make my work with Rodney this evening go quicker. I'll connect with Rodney later, and one of us will let you know if we need anything from you in this regard.

>>>>>>>

>>>>>>> Safe travels, and thanks for your responsiveness. I look forward to meeting you.

>>>>>>>

>>>>>>> Michael

>>>>>>>

>>>>>>>

>>>>>>>> On Apr 12, 2018, at 11:53 AM, Rodney Joffe <rodney.joffe@team.neustar> wrote:

>>>>>>>>

>>>>>>>> Hi Manos,

>>>>>>>>

>>>>>> Glad to know that you are on your way to DC.

>>>>>>

>>>>>> Let's try meet up while you are here, you, me and Michael.

>>>>>>

>>>>>> Then we can talk through everything :-). Better than email.

>>>>>>

>>>>>> What is your DC schedule?

>>>>>>

>>>>>>

>>>>>>> On Apr 12, 2018, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>>>>>>

>>>>>>> Lisa, I just boarded a flight to DC, where I will spend the rest of my day with meetings at DARPA. Tomorrow, my entire day will be spent at the HACCS kickoff meeting where I will be presenting the 4 years research agenda of the program.

>>>>>>>

>>>>>>> Michael, nice to meet you. I can get on a call today between 17.00 and 18.00, tomorrow after 20.00 and over the weekend anytime you want. All times are EST.

>>>>>>>

>>>>>>> To be totally honest, I would like to clarify what the request is here as a first step.

[REDACTED]

This is not

technology that is related with Neustar — beyond the fact that we used your data.

>>>>>>>

>>>>>>> Could Neustar offer something similar? Sure, since you have the data. :) However, what GT is doing (the technology we are generating) is for the USG (DoD to be precise).

>>>>>>>

>>>>>>> Thanks and hopefully this message clarifies things a bit.

>>>>>>>

>>>>>>> Manos

>>>>>>> ---

>>>>>>> Typos due to mobile device ...

>>>>>>>

>>>>>>>> On Apr 12, 2018, at 11:39, Hook, Lisa <lisa.hook@team.neustar> wrote:

>>>>>>>>

>>>>>>>> Manos meet Michael,

>>>>>>>>

>>>>>>>> Michael is our longtime outside counsel on national security and other issues. He is working with Rodney on a proposal to provide analytics similar to what you are doing in Australia.

>>>>>>>>

>>>>>>>> Rodney is closed off right now and Michael needs someone to speak to for more details on the service we provide so he can write up a proposal.

>>>>>>>>

>>>>>>>> Hoping you two can jump on the phone asap.

>>>>>>>>

>>>>>>>> Thanks -- Lisa

>>>>>>>>

>>>>>>>>

>>>>>>>> Lisa A. Hook

>>>>>>>> Neustar Inc/ President & Chief Executive Officer

>>>>>>>> 120 SW 8th Street, Miami FL 33130

>>>>>>>> Office: 571.434.5630 Mobile: 202.907.5672 lisa.hook@team.neustar/www.neustar.biz

>>>>>>>>

>>>>>>>>

>>>>>>>> \_\_\_\_\_

>>>>>>>>

>>>>>>>> NOTICE: This communication may contain privileged or other confidential information. If you have received it in error, please advise the sender by reply email and immediately delete the message and any attachments without copying or disclosing the contents. Thank you.

>>>>

>>>

>



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, April 26, 2018 8:55:29 PM  
To: Hall, John <John.Hall@team.neustar>  
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>  
Subject: Re: [EXTERNAL] Re: Ip Intelligence for HACCS

OK, John.

It looks counterintuitive to me for this to go through GT, because of the overhead. This was the main reason (according to the BAA) why DARPA wanted the data quotes \*outside\* our budget --- so they will not have to pay any overhead.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Hall, John <John.Hall@team.neustar>  
Sent: Thursday, April 26, 2018 3:19:48 PM  
To: Antonakakis, Manos  
Cc: Joffe, Rodney  
Subject: Re: [EXTERNAL] Re: Ip Intelligence for HACCS

Hi Manos - I've been on calls and wasn't able to call you at 2. I understand the rationale behind the overhead. Let me check with the HACCS folks and see how they feel about this and I'll get back to you.

Thanks

John W Hall  
Neustar, Inc. / Sr. Director - Federal Business  
[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

---

The information contained in this e-mail message is intended only for the use of the recipient(s) named above and may contain confidential and/or privileged information. If you are not the intended recipient you have received this e-mail message in error and any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately and delete the original message

---

On 4/26/18, 1:30 PM, "Antonakakis, Manos" <manos@gatech.edu> wrote:

>Sure John, you can call me on the top of the hour.

>

>Happy to help you out in any way I can. However, is DARPA aware that GT  
>will need a 56% overhead on this, that is in order for you to get these  
>\$3M, I will need to come up with an add-on for HACCS and a budget that is  
>in the order of ~\$5.7M (just for this add-on)?

>

>Are they OK with this?

>

><

>Manos Antonakakis | manos@gatech.edu

>Georgia Institute of Technology

>FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

>\_\_\_\_\_

>From: Hall, John <John.Hall@team.neustar>

>Sent: Thursday, April 26, 2018 1:25:40 PM

>To: Antonakakis, Manos

>Cc: Joffe, Rodney

>Subject: Ip Intelligence for HACCS

>

>Hello Manos,

>We were recently in with the HACCS Team in Arlington. We discussed a  
>number of things, including strategies for procuring Neustar IP  
>Intelligence for the program. Since we already have a contractual  
>relationship with GTRC, we think that it would be ideal to work with your  
>organization to fulfill this requirement. At a high level, we<sup>1</sup>re  
>proposing an unlimited 1 year license @ an annual subscription cost of  
>\$3M. Let me know when you have a few minutes to discuss or if you<sup>1</sup>d like  
>to delegate to your contracts team.

>

>Thanks in advance

>

>

>

>John W Hall

>Neustar, Inc. / Sr. Director - Federal Business

>[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

>\_\_\_\_\_

>\_\_\_\_\_

>

>The information contained in this e-mail message is intended only for the  
>use of the recipient(s) named above and may contain  
>confidential and/or privileged information. If you are not the intended  
>recipient you have received this e-mail message in error  
>and any review, dissemination, distribution, or copying of this message  
>is strictly prohibited. If you have received this  
>communication in error, please notify us immediately and delete the  
>original message

>\_\_\_\_\_

>

>

>

>

>

From: Manos Antonakakis <manos@gatech.edu>  
Sent on: Saturday, November 25, 2017 7:59:14 PM  
To: Angelos D. Keromytis <[REDACTED]>  
CC: Tejas Patel <[REDACTED]>  
Subject: Re: [manos@gatech.edu: Re: Go Gators!]  
Attachments: ATT00001 (12 Bytes), msg.asc (3.41 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, October 3, 2018 3:05:25 PM  
To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; ryan.schilcher@us.af.mil  
CC: tejas@kududyn.com; Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; jim.simpson@cynnovative.com; Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: [Non-DoD Source] Re:

Works for me and my team, Chris.

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Sent: Wednesday, October 3, 2018 10:04:00 AM  
To: ryan.schilcher@us.af.mil  
Cc: tejas@kududyn.com; Kline, Allison (contr-i2o); jim.simpson@cynnovative.com; Antonakakis, Manos; Keromytis, Angelos  
Subject: RE: [Non-DoD Source] Re:

Ryan,

No worries, sorry about not sending you that earlier. The week of 12 Nov looks good to me.

Jim, Tejas, Manos- How does the week of 12 Nov look for a trip down to Atl to do a deep dive into the analytics and datasets with AFOSI?

V/r,

Chris Schneck  
DARPA I2O SETA  
571-524-3821 (cell)  
918-6691

-----Original Message-----

From: SCHILCHER, RYAN D SA USAF AFOSI AFOSI/3 FIS/CI&O  
<ryan.schilcher@us.af.mil>  
Sent: Wednesday, October 3, 2018 9:44 AM  
To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Cc: Tejas Patel <tejas@kududyn.com>; Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; Jim Simpson - Cynnovative <jim.simpson@cynnovative.com>  
Subject: RE: [Non-DoD Source] Re:

Hey Chris,

Unfortunately I cannot make it out this week but have full faith the venerable Mr. Stambaugh can back-brief me on anything of note.

My calendar is a little whacko the next few weeks but the first two weeks of November are pretty open at the moment so those would be best for us. If that's no good I can try to make something work sooner.

-Ryan

-----Original Message-----

From: Schneck, Christopher (contr-i2o)

[\[mailto:christopher.schneck.ctr@darpa.mil\]](mailto:christopher.schneck.ctr@darpa.mil)

Sent: Tuesday, October 2, 2018 9:34 AM

To: SCHILCHER, RYAN D SA USAF AFOSI AFOSI/3 FIS/CI&O

<[ryan.schilcher@us.af.mil](mailto:ryan.schilcher@us.af.mil)>

Cc: Tejas Patel <[tejas@kududyn.com](mailto:tejas@kududyn.com)>; Kline, Allison (contr-i2o)

<[allison.kline.ctr@darpa.mil](mailto:allison.kline.ctr@darpa.mil)>; Jim Simpson - Cynnovative

<[jim.simpson@cynnovative.com](mailto:jim.simpson@cynnovative.com)>

Subject: Re: [Non-DoD Source] Re:

Ryan,

Thanks for the email. That all sounds great, we have a lot of new findings to share and would love to hear what you see. I will sync everyone's calendars and figure out a good time to host the LAN party. What does your calendar look like end of oct, early nov? In addition, I know it's last minute but we do have a site visit at Ga Tech this Friday and are presenting to USCC on 09 Oct at DARPA. Jason Stambaugh is attending the site visit, you are more than welcome to attend as well.

V/r,

Chris

> On Oct 2, 2018, at 10:05 AM, SCHILCHER, RYAN D SA USAF AFOSI AFOSI/3

> FIS/CI&O <[ryan.schilcher@us.af.mil](mailto:ryan.schilcher@us.af.mil)> wrote:

>

> Hey Tejas!

>

> So sorry for the massive, massive delay. I had this started to respond then

> got lost in my madness. Been out of the office for the majority of the past

> two months but back now! For at least a bit. I want to continue our

> discussions on these matters, especially with the change of activity on the

> whole after the indictments. Would love to talk about the changes you all

> have observed as compared to what we are seeing. If we can establish some

> secure comms that would be great. We can try the DoD PKI certs or use PGP on

> an alternate email for me ( [REDACTED] ) if you want to go that

> route. Obviously telephones work as well.

>

> I would like to re-engage with a good time now to see if possible for us to

> have a "LAN Party" as I called it at our meeting and see if we can work on a

> dataset together over a few days, probably in Atlanta? We can start putting

> together some queries and whatnot as discussed and go from there.

>

> -Ryan

>

> -----Original Message-----

> From: Tejas Patel [\[mailto:tejas@kududyn.com\]](mailto:tejas@kududyn.com)

> Sent: Wednesday, August 22, 2018 3:27 PM

> To: Kline, Allison (contr-i2o) <[allison.kline.ctr@darpa.mil](mailto:allison.kline.ctr@darpa.mil)>; SCHILCHER,

> RYAN D SA USAF AFOSI AFOSI/3 FIS/CI&O <ryan.schilcher@us.af.mil>; Jim  
> Simpson - Cynnovative <jim.simpson@cynnovative.com>  
> Cc: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
> Subject: [Non-DoD Source] Re:  
>  
> Ryan:  
>  
> Replying with a signed email so you have my certs.  
>  
> Do you have information on any of the recent happenings in the news? I can  
> elaborate more on this with encrypted email or over the phone.  
>  
> Regards,  
> Tejas  
>  
> On 8/22/18, 3:21 PM, "Kline, Allison (contr-i2o)"  
> <allison.kline.ctr@darpa.mil> wrote:  
>  
> Ryan,  
>  
> Thank you for hosting us last week. Now that we're settled back in the DMV  
> I wanted to connect you with Tejas and Jim so that we can continue to talk,  
> especially regarding any questions about the data your team may have, and  
> how we would want to shape ingest moving forward.  
>  
> Regards,  
>  
> Allison Kline  
> DARPA I2O SETA  
> 571-218-4476 (Desk)  
> 571-471-5586 (Cell)  
> allison.kline.ctr@darpa.mil  
>  
>  
>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, October 3, 2018 7:51:24 PM  
To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>; Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; tejas@kududyn.com  
Subject: Re: [Non-DoD Source] Re:

10-4

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Saturday, April 7, 2018 8:20:38 PM  
To: Angelos D. Keromytis <[REDACTED]>  
Subject: Re: [Nsl] heads up

If you have any more info, can you please call me. Is there anything we can do?

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Angelos D. Keromytis <[REDACTED]>  
Sent: Saturday, April 7, 2018 2:52:09 PM  
To: Antonakakis, Manos  
Subject: Fwd: [Nsl] heads up

FYI

Begin forwarded message:

From: "Angelos D. Keromytis" <[REDACTED]>  
Subject: [Nsl] heads up  
Date: April 7, 2018 at 2:48:48 PM EDT  
To: nsl List <nsl@lists.cs.columbia.edu<mailto:nsl@lists.cs.columbia.edu>>

Stelios Sidiroglou was hospitalized on Thursday because of a big hemorrhage in his brain (due to AVM, [https://en.wikipedia.org/wiki/Arteriovenous\\_malformation](https://en.wikipedia.org/wiki/Arteriovenous_malformation)). The bleeding is under control and he's in a stable condition right now (after being operated on), but he's expected to be in the ICU at Mass General Hospital for several days, and in the hospital for weeks.

That's it for now.  
-Angelos

---

Nsl mailing list  
Nsl@lists.cs.columbia.edu <mailto:Nsl@lists.cs.columbia.edu>  
<https://lists.cs.columbia.edu/mailman/listinfo/nsl>

**From:** Dave Farber<dave@farber.net>  
**Sent on:** Wednesday, January 20, 2016 8:55:13 PM  
**To:** ip<ip@listbox.com>  
**Subject:** [IP] Re Lauren's Blog: "The Politicians' Encryption Backdoor Fantasies Continue -- and Legislating Pi"

Microsoft Exchange Server;converted from html;

----- Forwarded message -----

From: **Rodney Joffe** <[HYPERLINK "mailto:rjoffe@centergate.com" rjoffe@centergate.com](mailto:rjoffe@centergate.com)>  
Date: Wednesday, January 20, 2016  
Subject: [ NNSquad ] Lauren's Blog: "The Politicians' Encryption Backdoor Fantasies Continue -- and Legislating Pi"  
To: Dave Farber <[HYPERLINK "mailto:dave@farber.net" dave@farber.net](mailto:dave@farber.net)>

Dave,

For attribution of you wish..

I've read, and listened to, and even gone to "sessions" where people talk and moan about the issue.

And I've got to tell you that from my point of view, both "sides" are going about things in the wrong way. Or perhaps to be more politically correct, there is a better way to frame the issue, which in turn may result in the folks who have reacted so negatively being more useful and constructive.

First, I think that the Law Enforcement and Intelligence Community (the Government) side are doing themselves a disservice because they have articulated the requirements totally incorrectly. Based on my experience, I think that what has happened is that as the people on the front lines in LE have defined the problem and a solution, and have provided input to the layers above them, those layers who are less technical as you climb have misinterpreted, and glommed on to buzz words, and have ended up coming off poorly. Almost all of them have parroted the phrase "back door". And that is just wrong. Its *\*not\** what is wanted.

The real issue, which hardly ever gets articulated is this: In the same way that in almost every country there are laws and a process that say that if a court examines and agrees that under the law there is probable cause to allow Law Enforcement to enter and search a building, then LE can go ahead and make entry and search. Period. There are certainly appeals etc, but at the end of the day, after all due process, LE get to do their thing. And hopefully lives and property are saved and protected.

How do you get that same capability in the modern digital world? If you're ok with it in the physical world, why try and stop this in the digital world? If you don't like it in the physical world, then vote it out (I'll avoid bringing in the emotional points where I say "What if it was your daughter who was being held hostage by a maniac?" because that may color it and take us sideways). So lets just stick to the discussion about lawful orders in general.

Now to the other side. If you agree that the meatspace situation matches the cyberspace one, how *\*would\** you do it? Not with backdoors as they've been described, because in the real world LE does not have the right to be looking in your house 24x7 just in case you break a law. And they don't have master keys to every lock. So when the court says "Yes", how would the geeks on the list provide that capability? And at the time ensure that the holder[s] of the keys, if not the Government, don't get to say "Well, I see you have a court order, but over here we don't think that there is enough evidence to justify giving you the "key" to that suspect's systems/mail/phone, so the answer is go pound sand".

How would \*you\* do it. Recognizing that this is a result of a lawful order from a court that your country has approved of based on your collective vote?

Regards  
Rodney

> On Jan 20, 2016, at 1:32 PM, David Farber <[HYPERLINK "javascript:": farber@gmail.com](mailto:farber@gmail.com)> wrote:

>

>

>

> Begin forwarded message:

>

> From: Lauren Weinstein <[HYPERLINK "javascript:": lauren@vortex.com](mailto:lauren@vortex.com)>

> Subject: [ NNSquad ] Lauren's Blog: "The Politicians' Encryption Backdoor Fantasies Continue -- and Legislating Pi"

> Date: January 20, 2016 at 1:06:35 PM EST

> To: [HYPERLINK "javascript:": nnsquad@nnsquad.org](mailto:nnsquad@nnsquad.org)

>

> The Politicians' Encryption Backdoor Fantasies Continue -- and Legislating Pi

>

> [HYPERLINK](#)

["http://postlink.www.listbox.com/2039509/e8edeb995420abf417ebc22e2cec6ec3/27859147/d5f17a6a?uri=aHR0c  
http://lauren.vortex.com/archive/001147.html"](http://postlink.www.listbox.com/2039509/e8edeb995420abf417ebc22e2cec6ec3/27859147/d5f17a6a?uri=aHR0chttp://lauren.vortex.com/archive/001147.html)

>

>

> "I Got You Babe."

>

> I've written about law enforcement, politicians, and their hopeless  
> fantasies of "safe" encryption backdoors so many times -- and have  
> become so disgusted at the endlessly repeating nature of the  
> situation -- that I really do feel like I'm hearing that old  
> Sonny and Cher song in much the way Bill Murray did in his 1993  
> classic film "Groundhog Day" -- again, and again ... and yet again.

>

> But the crypto backdoor "hits" just keep on comin' -- and today is no  
> exception.

>

> Now comes word that a bipartisan pair of lawmakers is introducing  
> federal legislation to establish a national commission to figure out  
> "how police can get at encrypted data of honest citizens without  
> endangering those citizen's privacy at the same time."

>

> The usual slogans are being bandied about: "What we're trying to do is  
> get that collaboration started," said Sen. Mark Warner (D-Va.), who  
> joined [Republican] McCaul on the call and will sponsor the upper  
> chamber bill. "Let's get the experts in the room."

>

> We keep hearing stuff like this from the usual suspects. Just get those  
> brainiacs together! Get "Bill Gates" working on it! Lock all those  
> liberal LGBT-lovin' software engineers in a basement somewhere and  
> they'll solve the problem. Or they'll never eat pizza again!

>

> OK, that's more of the GOP line. The Democrats also pushing crypto

> backdoors are wording it a bit differently.  
>  
> Though some crypto backdoor proponents have laudable motives, the end  
> result must be the same.  
>  
> Perhaps "Scotty" from the original "Star Trek" said it best, when he  
> noted that the laws of physics were immutable ("I can't change the laws  
> of physics") -- or, I might add, of mathematics.  
>  
> Not that politicians haven't tried to break these laws before. As far  
> back as 1897, the Indiana legislature came very close to passing  
> legislation that would have had the effect of setting the transcendental  
> ("never ending") value of the constant "Pi" to an incorrect and  
> fixed 3.2.  
>  
> So the fact that politicians and law enforcement continue to try bend  
> physics, math, and computer science to their wills -- irrespective of  
> the realities -- should come as no surprise.  
>  
> Any attempt to backdoor strong encryption systems will by definition  
> make them immensely vulnerable not only to abuse by authorities, but  
> also to outside hacking -- including by sophisticated terrorist  
> groups! -- that would put all honest users at immense risk as ever more  
> of our financial and other aspects of our personal lives are online.  
>  
> It doesn't matter if you break up the backdoor key into a thousand  
> pieces and distribute them to Boy and Girl Scouts sworn to only use them  
> in a national emergency.  
>  
> The mere act of creating any backdoor to these systems weakens them  
> enormously and catastrophically. Even Einstein wouldn't be able to  
> change that. And he'd be far too intelligent to ever try.  
>  
> Yet, most of the law enforcement officials and politicians pushing for  
> these "meetings of the experts" on backdoored encryption aren't actually  
> stupid either.  
>  
> So what's really going on?  
>  
> In my view, most of them already realize that they would have to  
> fundamentally weaken crypto to get backdoors, and that the industry  
> overall quite rightly will never voluntarily go along with doing that.  
>  
> Google, Facebook, Apple, and the others will be polite -- as they should  
> be -- but will not willingly betray the security and privacy of their  
> users with encryption backdoors.  
>  
> So the odds are that what's actually going on currently with the  
> "voluntary" backdoor crypto push is essentially a smokescreen.  
>  
> It's an attempt to provide political cover for the next step, when  
> proponents begin the "well, we tried to get cooperation first!" push for  
> legislation that would mandate backdoors in these USA crypto systems,



**From:** <raid16chairs@cs.unc.edu>

**Sent on:** Thursday, July 7, 2016 10:07:37 PM

**To:** Antonakakis, Manos<manos@gatech.edu>; Kountouras, Athanasios<kountouras@gatech.edu>; Nadji, Yacin I<yacin@gatech.edu>; Kintis, Panagiotis<kintis@gatech.edu>; Lever, Charles C<clever3@gatech.edu>; Chen, Yizheng<yzchen@gatech.edu>; Yacin Nadji<yacin@netrisk.io>; David Dagon<dagon@sudo.sh>

**Subject:** [RAID2016] Updated final paper #71 "Enabling Network Security Through Active..."

The final version for paper #71 has been updated at the 19th International Symposium on Research in Attacks, Intrusions and Defenses (RAID2016) submissions site.

Title: Enabling Network Security Through Active DNS Datasets

Authors: Athanasios Kountouras (Georgia Institute of Technology)

Panagiotis Kintis (Georgia Institute of Technology)

Chaz Lever (Georgia Institute of Technology)

Yizheng Chen (Georgia Institute of Technology)

Yacin Nadji (Netrisk)

David Dagon (Georgia Institute of Technology)

Manos Antonakakis (Georgia Institute of Technology)

Rodney Joffe (Neustar)

Paper site: <https://raid2016.cs.unc.edu/papers/paper.php/71?cap=071aWDl-MnfZupA>

You have until 8 Jul 2016 5pm EDT to make further changes.

Contact Program Chairs <raid16chairs@cs.unc.edu> with any questions or concerns.

- RAID2016 Submissions

**From:** Antonakakis, Manos<fvirgil6@gatech.edu> on behalf of Antonakakis, Manos

**Sent on:** Monday, February 18, 2019 2:17:24 AM

**To:** Joffe, Rodney<Rodney.Joffe@team.neustar>

**Subject:** Accepted: Confirmed: GA Tech/Neustar Briefing/Presentation/Discussion

**From:** Antonakakis, Manos<fvirgil6@gatech.edu> on behalf of Antonakakis, Manos

**Sent on:** Monday, February 18, 2019 2:17:23 AM

**To:** Joffe, Rodney<Rodney.Joffe@team.neustar>

**Subject:** Accepted: Dinner, Kyma Greek Restaurant



**From:** <antonakakis@gmail.com> on behalf of Manos Antonakakis<manos@gatech.edu>  
**Sent on:** Wednesday, August 10, 2016 11:56:13 AM  
**To:** Roberts, Kristen N<kp138@gatech.edu>; Joffe, Rodney<Rodney.Joffe@neustar.biz>  
**Subject:** DARPA - EA Sub: Neustar

Hey Kristen,

Please meet Rodney. Rodney, Kristen is my great financial admin.

Kristen, Rodney can help you with all necessary details you might need for OSP.

For Neustar, will have the following yearly breakdown:

Y1: \$1M  
Y2: \$300K  
Y3: \$250K  
Y4: \$250K  
Y5: \$125K

The SOW have been structured in such away that will reflect this distribution of funds. One special thing with Neustar is the following. It would be ideal if we can have a PO from them by 30th of September. This is something that we should try very hard to do.

Rodney, please help Kristen with any information she might need from Neustar in order to have you formally in the GT systems as a vendor.

Cheers,

Manos

**From:** [REDACTED] on behalf of Manos Antonakakis<manos@gatech.edu>  
**Sent on:** Wednesday, August 10, 2016 11:56:13 AM  
**To:** Roberts, Kristen N<kp138@gatech.edu>; Joffe, Rodney<Rodney.Joffe@neustar.biz>  
**Subject:** DARPA - EA Sub: Neustar

Hey Kristen,

Please meet Rodney. Rodney, Kristen is my great financial admin.

Kristen, Rodney can help you with all necessary details you might need for OSP.

For Neustar, will have the following yearly breakdown:

Y1: \$1M  
Y2: \$300K  
Y3: \$250K  
Y4: \$250K  
Y5: \$125K

The SOW have been structured in such away that will reflect this distribution of funds. One special thing with Neustar is the following. It would be ideal if we can have a PO from them by 30th of September. This is something that we should try very hard to do.

Rodney, please help Kristen with any information she might need from Neustar in order to have you formally in the GT systems as a vendor.

Cheers,

Manos

**From:** [REDACTED] > on behalf of Manos Antonakakis<manos@gatech.edu>  
**Sent on:** Friday, July 29, 2016 2:00:14 PM  
**To:** David Dagon<dagon@sudo.sh>  
**CC:** Ahamad, Mustaqe<mustaq@cc.gatech.edu>; Farrell, Michael D<Michael.Farrell@gtri.gatech.edu>; Blough, Douglas M<doug.blough@ece.gatech.edu>; Fabian Monroe<fabian@cs.unc.edu>; Beyah, Raheem A<rbeyah@coe.gatech.edu>; Roberto Perdisci<perdisci@cs.uga.edu>; Dan Durrer<dan@durrer.net>; Rodney Joffe<rjoffe@centergate.com>; Simon Forster<forster@spamteq.com>; Tim Chen<tim@domaintools.com>  
**Subject:** DARPA-16-34-EA-FP-023 --- Status Update

Gentlemen,

This is a status update on where we are and where we are heading to.

In the last two weeks I have been in contact with a contracting person (Danielle) from USAF. They wanted a number of clarifications about our project so the contract negotiation can begin. Last night we finalized their last clarification request around our statement of work, and this morning just got off the phone with them, where they acknowledged we are good to go.

Next step here is to quickly negotiate the contract and begin the project. My number one priority at this point is for this to happen asap. I am canceling all my trips in August so I can work with them day-to-day. The program has a start date the first of November, however, I want to have us begin as early as end of August (or sooner if possible).

The two things I am making sure are:

1. We can get a written permission of a start date August 15. This will enable the academic arm of this project to start billing against the project throughout the entire Fall semester. Vis-a-vis, your students will be covered by the project in Fall.
2. The subs to get paid asap, before we even start pulling data from your networks. This is a fight that I am winning at the moment with Georgia Tech. Apparently, if you bring (this level of) funds in the school, people read your email. :) As soon as I have additional news around this, I will relay them to you. In the mean time, I will be reaching out independently so we can have a standard NDA in place between GT and your organizations. Please, be ready to share with me your standard NDA.

All-in-all, things are on track (actually, slightly ahead of schedule), and we should be starting soon. If you have any questions or issues, please drop me and Dave a note. We are here to help smooth this process and have a great 4.5 years of collaboration.

Thanks,

Manos [REDACTED]

**From:** Antonakakis, Manos<fvirgil6@gatech.edu> on behalf of Antonakakis, Manos

**Sent on:** Thursday, June 28, 2018 2:06:49 AM

**To:** Joffe, Rodney<Rodney.Joffe@team.neustar>

**Subject:** Declined: Placeholder, Meeting and Dinner with Lisa Hook and Manos Antonokakis

Microsoft Exchange Server;converted from html;

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Thursday, August 23, 2018 3:53:38 PM  
**To:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>  
**BCC:** Joffe, Rodney<Rodney.Joffe@team.neustar>; Chen, Tim<tim@domaintools.com>; Dan Durrer<dan@klondikedata.com>; carel@spamhaus.org  
**Subject:** EA project 2019 POs

Gents,

Please have your financial people reach out to my financial administrator Michael so we can set up and finalize the 2019 PO for your data/services. I would like to get this done before December so we can avoid any last minute issues.

Many thanks for helping us out in this project!

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Friday, February 22, 2019 1:02:56 PM  
**To:** Rodney Joffe<rjoffe@centergate.com>; Joffe, Rodney<Rodney.Joffe@team.neustar>  
**CC:** Ian Crone<ian.crone@darpa.mil>; Schneck, Christopher (contr-i2o)<christopher.schneck.ctr@darpa.mil>  
**Subject:** E-introductions: Neustar --- new EA PM

Hey Rodney,

I am very happy to announce that we now have a new Program Manager (PM) for the EA project. Mr. Ian Crone will be leading the program from this point on, and Mr. Chris Schneck will be helping him out.

All of us think that it would be great if the new PM team meets (in a virtual or physical meeting) with you and talk about the datasets you have been providing in support of my effort in this project. I do not have to be part of this meeting, because my schedule is too busy and I will simply slow things down. You should work directly with the Chris and Ian and set the meeting up.

Many thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Tuesday, February 12, 2019 12:35:25 PM  
**To:** Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Fw: Neustar Executive Visit to PI meeting March 8th

FYI-

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Monday, February 11, 2019 11:10 PM  
To: Rodney Joffe; Christopher Schneck  
Subject: Re: Neustar Executive Visit to PI meeting March 8th

Thanks you Rodney for the email.

For you guys to attend the site visit I will need to get the green light from Chris. Chris, can you please check and let us know if you have any issues with this?

Thanks, Manos

---  
Typos due to mobile device ...

> On Feb 11, 2019, at 21:06, Rodney Joffe <rodney.joffe@team.neustar> wrote:

>

> Hello Manos,

>

> As you know Neustar has been very involved in developing and improving our ability to provide capabilities and resources for you based on the apparent success of your EA and HACCS programs, using our data.

>

> As a result, I wonder if it would be possible for me, our CEO Charlie Gottdiener, Venkat Achanta, our Chief Data Officer, and Adm. (Ret) Mike Mullen (past Chairman of the Joint Chiefs) who is a board director of our data subsidiary to visit you during the PI day on March 8th?

>

> I think it would be extremely beneficial for my colleagues to see and understand the impact of our efforts, and to realize just how much of a difference we can make to the country's National Security efforts through GA Tech.

>

> They all obviously understand the sensitivity of the PI briefing and meeting, and would respect and sign whatever attendee documents are required of other sub-contractors on your program.

>

> Respectfully

>

> Rodney

>

> =====

> Rodney Joffe

> SVP, Senior Technologist, and Fellow

> National Security Executive

> Neustar, Inc.

> 21575 Ridgetop Circle

> Sterling VA 20166

> USA

> +1 202-533-2900 Direct

> +1 602-418-6471 Cell

> rodney.joffe@team.neustar

>



**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Friday, February 15, 2019 1:22:11 PM  
**To:** Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Fw: Neustar Executive Visit to PI meeting March 8th

fyi-

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Sent: Friday, February 15, 2019 8:05 AM  
To: Antonakakis, Manos; rodney.joffe@team.neustar  
Cc: Crone, Ian  
Subject: RE: Neustar Executive Visit to PI meeting March 8th

Rodney,

Unfortunately, site visits are reserved for the DARPA team and the performer only. Site visits are an opportunity for the PM to critique (if necessary) the performer's work and it is not appropriate for vendors/subcontractors to attend these visits. In addition, a lot of times sensitive information from case studies, that our transition partners have provided, are presented and discussed.

The PM, Ian Crone, needs to have a separate discussion with Manos and the GT team, but he would like to meet with your organization and is happy to have a sidebar meeting with them in Atlanta if you want to go down there (to meet with Manos separately) or to meet with you locally here in DC.

V/r,

Chris Schneck  
DARPA I2O SETA  
571-218-4429 (office)  
571-524-3821 (cell)  
[REDACTED]

-----Original Message-----

From: Antonakakis, Manos <manos@gatech.edu>  
Sent: Monday, February 11, 2019 11:10 PM  
To: Rodney Joffe <rodney.joffe@team.neustar>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Subject: Re: Neustar Executive Visit to PI meeting March 8th

Thanks you Rodney for the email.

For you guys to attend the site visit I will need to get the green light from Chris. Chris, can you please check and let us know if you have any issues with this?

Thanks, Manos

---  
Typos due to mobile device ...

> On Feb 11, 2019, at 21:06, Rodney Joffe <rodney.joffe@team.neustar> wrote:  
>  
> Hello Manos,  
>

> As you know Neustar has been very involved in developing and improving our ability to provide capabilities and resources for you based on the apparent success of your EA and HACCS programs, using our data.

>

> As a result, I wonder if it would be possible for me, our CEO Charlie Gottdiener, Venkat Achanta, our Chief Data Officer, and Adm. (Ret) Mike Mullen (past Chairman of the Joint Chiefs) who is a board director of our data subsidiary to visit you during the PI day on March 8th?

>

> I think it would be extremely beneficial for my colleagues to see and understand the impact of our efforts, and to realize just how much of a difference we can make to the country's National Security efforts through GA Tech.

>

> They all obviously understand the sensitivity of the PI briefing and meeting, and would respect and sign whatever attendee documents are required of other sub-contractors on your program.

>

> Respectfully

>

> Rodney

>

> =====

> Rodney Joffe

> SVP, Senior Technologist, and Fellow

> National Security Executive

> Neustar, Inc.

> 21575 Ridgetop Circle

> Sterling VA 20166

> USA

> +1 202-533-2900 Direct

> +1 602-418-6471 Cell

> rodney.joffe@team.neustar

>

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Saturday, January 25, 2020 1:44:20 PM  
**To:** Schneck, Christopher (contr-i2o)<christopher.schneck.ctr@darpa.mil>  
**Subject:** Fw: Quick catch up with Neustar

FYI-

---

Manos Antonakakis | Associate Professor | manos@gatech.edu  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Friday, January 24, 2020 3:35 PM  
To: Christopher Schneck; Rodney Joffe  
Cc: Ian Crone  
Subject: Quick catch up with Neustar

Hey Chris,

As I explained in the DHS-related email I got the green light to use the NSR and PF data from Vic and Rodney. Rodney was asking about the long term plan for the Neustar data as far as the government is concerned. While I can answer this question from the lenses of GT and my private ventures I cannot answer this on behalf of the USG.

Perhaps, you (I know Ian is busy) can you get on call with Rodney and explain to him what the long term plan is?

Thanks!

Manos

Lisa A. Hook

Neustar, Inc./President and Chief Executive Officer

120 SW 8th Street, Miami, FL 33130

Office: 571/434-5630. Mobile [REDACTED]

[Lisa.Hook@team.neustar](mailto:Lisa.Hook@team.neustar)<mailto:Lisa.Hook@team.neustar>/[www.neustar.biz](http://www.neustar.biz)<http://www.neustar.biz>

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Thursday, January 18, 2018 5:04:43 PM  
**To:** Hook, Lisa<lisa.hook@team.neustar>  
**CC:** Joffe, Rodney<Rodney.Joffe@team.neustar>; Naperkoski, Valerie<Valerie.Naperkoski@team.neustar>; Gregory, Liebe<Liebe.Gregory@team.neustar>  
**Subject:** Re: [EXTERNAL] Re: Friday

Fantastic --- looking forward to it Lisa!

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Hook, Lisa <lisa.hook@team.neustar>  
Sent: Thursday, January 18, 2018 12:03:39 PM  
To: Antonakakis, Manos  
Cc: Joffe, Rodney; Naperkoski, Valerie; Gregory, Liebe  
Subject: Re: [EXTERNAL] Re: Friday

Thanks. Will see you at 9! I don't have any agenda -- just want to meet, catch up.

Lisa A. Hook  
Neustar Inc/ President & Chief Executive Officer  
120 SW 8th Street, Miami FL 33130  
Office: 571.434.5630 Mobile: 202.907.5672  
lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>/www.neustar.biz<http://www.neustar.biz>

On Jan 18, 2018, at 08:57, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Lisa, I am usually at the office by 8.00am. Anytime that works for you.

Thanks,

---

Manos Antonakakis | manos@gatech.edu<mailto:manos@gatech.edu>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Hook, Lisa <lisa.hook@team.neustar<mailto:lisa.hook@team.neustar>>  
Sent: Thursday, January 18, 2018 11:55:40 AM  
To: Antonakakis, Manos  
Cc: Joffe, Rodney; Naperkoski, Valerie; Gregory, Liebe  
Subject: Re: [EXTERNAL] Re: Friday

Can we move forward to 9?

Lisa A. Hook  
Neustar Inc/ President & Chief Executive Officer  
120 SW 8th Street, Miami FL 33130  
Office: 571.434.5630 Mobile: [REDACTED]  
lisa.hook@team.neustar<mailto:lisa.hook@team.neustar><mailto:lisa.hook@team.neustar>/www.neustar.biz<http://www.n

On Jan 17, 2018, at 17:26, Antonakakis, Manos

<manos@gatech.edu<mailto:manos@gatech.edu><mailto:manos@gatech.edu>> wrote:

Hey Lisa, absolutely!

My office is at the Klaus Advance Computing Building, 3rd floor, Room 3364. I can send you the visitor parking direction if you will be driving in.

My cell is [REDACTED] in case you need to call me.

Many thanks,

Manos

---

Typos due to mobile device ...

On Jan 17, 2018, at 20:04, Hook, Lisa

<lisa.hook@team.neustar<mailto:lisa.hook@team.neustar><mailto:lisa.hook@team.neustar>> wrote:

Manos,

I am in Atlanta for meetings on Friday and am wondering if you are in town and free at 9:30 to meet at school. Would love to catch up.

Best,

Lisa

Lisa A. Hook

Neustar, Inc./President and Chief Executive Officer

120 SW 8th Street, Miami, FL 33130

Office: 571/434-5630. Mobile [REDACTED]

Lisa.Hook@team.neustar<mailto:Lisa.Hook@team.neustar><mailto:Lisa.Hook@team.neustar>/www.neustar.biz<http://ww

**From:** NANOG<nanog-bounces@nanog.org> on behalf of Steven Miano<mianosm@gmail.com>

**Sent on:** Saturday, October 15, 2016 1:23:08 PM

**To:**

**CC:** NANOG<nanog@nanog.org>

**Subject:** Re: 18 years ago today - rfc 2468

For those who are not sure: The significance of Jon Postel's contributions to building the Internet, both technical and personal, were such that a memorial recollection of his life forms part of the core technical literature sequence of the Internet in the form of RFC 2468 "I Remember IANA", written by Vinton Cerf.

On Sat, Oct 15, 2016 at 9:08 AM, Rodney Joffe <rjoffe@centergate.com> wrote:

> How time flies....

>

--

Miano, Steven M.

<http://stevenmiano.com>

Microsoft Exchange Server;converted from html;

**From:** Roberts, Kristen N<fvirgil6@gatech.edu> on behalf of Roberts, Kristen N

**Sent on:** Wednesday, August 10, 2016 12:27:42 PM

**To:** Antonakakis, Manos<manos@gatech.edu>; Joffe, Rodney<Rodney.Joffe@neustar.biz>

**Subject:** Re: DARPA - EA Sub: Neustar



**From:** Rodney Joffe<rodney.joffe@neustar.biz>  
**Sent on:** Thursday, August 11, 2016 10:36:16 PM  
**To:** Roberts, Kristen N<kp138@gatech.edu>  
**CC:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Re: DARPA - EA Sub: Neustar

Hello Kristen,

I'm glad to meet with you and looking forward to getting the paperwork handled. And I'm also glad that Manos allowed us to be part of the project. Let me know when you're ready :-)

> On Aug 10, 2016, at 8:27 AM, Roberts, Kristen N <kristen.roberts@ece.gatech.edu> wrote:

>

> Hi Manos,

>

> Thank you for the kind introduction.

>

> Rodney, it is a pleasure to meet you and congratulations on this grand award! I am working with our contracting specialist to confirm which forms are needed to have Neustar set-up efficiently for the start of this project. I will do my best to have the subaward paperwork and PO entered by 9/30, but please note this timeline is dependent upon execution of the main project from DARPA in OSP.

>

> I look forward to working with you on this project. Please let me know if you need any additional information.

>

> Best,

> Kristen

>

>

>

> \_\_\_\_\_  
> Kristen Roberts

> Financial Administrator III

> Georgia Institute of Technology

> School of Electrical & Computer Engineering

> 266 Ferst Drive, Atlanta, GA 30332-0250

> KACB-Rm 3352

> Ph: 404.385.6485

> Email: Kristen.roberts@ece.gatech.edu

>

>

>

> From: [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>

> Sent: Wednesday, August 10, 2016 7:56 AM

> To: Roberts, Kristen N; Joffe, Rodney

> Subject: DARPA - EA Sub: Neustar

>

> Hey Kristen,

>

> Please meet Rodney. Rodney, Kristen is my great financial admin.

>

> Kristen, Rodney can help you with all necessary details you might need for OSP.

>

> For Neustar, will have the following yearly breakdown:

> Y1: \$1M

> Y2: \$300K

> Y3: \$250K

> Y4: \$250K

> Y5: \$125K

>

> The SOW have been structured in such way that will reflect this

> distribution of funds. One special thing with Neustar is the  
> following. It would be ideal if we can have a PO from them by 30th of  
> September. This is something that we should try very hard to do.  
>  
> Rodney, please help Kristen with any information she might need from  
> Neustar in order to have you formally in the GT systems as a vendor.  
>  
> Cheers,  
>  
> Manos

Microsoft Exchange Server;converted from html;

**From:** Roberts, Kristen N<fvirgil6@gatech.edu> on behalf of Roberts, Kristen N

**Sent on:** Tuesday, September 6, 2016 2:46:31 PM

**To:** Rodney Joffe<rodney.joffe@neustar.biz>

**CC:** Antonakakis, Manos<manos@gatech.edu>

**Subject:** Re: DARPA - EA Sub: Neustar

**From:** [REDACTED] on behalf of Manos Antonakakis<manos@gatech.edu>  
**Sent on:** Thursday, August 25, 2016 12:34:05 PM  
**To:** David Dagon<dagon@sudo.sh>  
**CC:** Ahamad, Mustaqe<mustaq@cc.gatech.edu>; Farrell, Michael D<Michael.Farrell@gtri.gatech.edu>; Blough, Douglas M<doug.blough@ece.gatech.edu>; Fabian Monroe<fabian@cs.unc.edu>; Beyah, Raheem A<rbeyah@coe.gatech.edu>; Roberto Perdisci<perdisci@cs.uga.edu>; Dan Durrer<dan@durrer.net>; Rodney Joffe<rjoffe@centergate.com>; Simon Forster<forster@spamteq.com>; Tim Chen<tim@domaintools.com>  
**Subject:** Re: DARPA-16-34-EA-FP-023 --- Status Update

Folks,

The Air Force people just came back to me, with the following message.

#####

Manos,

So great to hear from you!

The new start contract package has been assigned to a contract specialist and contracting officer. The contract specialist will reach out to George Tech, but I'm not certain when exactly this will be.

Contract awards are anticipated for early November.

Thanks again for your email.

Danielle

#####

They are moving \_very slow\_ folks, regardless the emails I am sending their way. Not sure what else I can do but wait.

Cheers,

Manos

On Wed, Aug 10, 2016 at 11:16 AM, Manos Antonakakis <manos@gatech.edu> wrote:

> Folks,

>

> This is a quick update.

>

> We are trying to have the subs ready, even before we begin the  
> negotiation of the contract begins. This should expedite the official  
> start of this project. Meanwhile, Dave and I have taken care two  
> requests for attribution reports that came towards our team. We didn't  
> wanted to ruin your summer, so with the exception of Rodney and Tim  
> (who helped us with data --- many thanks), we delivered against these  
> requests ourselves.

>

> The quality of our deliverables trilled the DARPA folks. In private  
> channels they acknowledged that; "the work we delivered [through our  
> framework] is well ahead of what is the norm [in research]". Clearly,  
> the first impression of what we can deliver is well above the bar.

>

> With respect of the Air Force folks, I am waiting for someone to  
> contact me so I can initialize the contract negotiation. I do not have  
> a date for when this will happen. Expect news as I receive them.

>  
> As always, if you need anything please ring me up.

>  
> Cheers,

>  
> Manos [REDACTED]

>  
> On Tue, Aug 2, 2016 at 11:33 AM, Manos Antonakakis <manos@gatech.edu> wrote:

>> Folks,

>>  
>> A quick update from DARPA. Just talked to them over the phone. The  
>> funds are flowing into our accounts and in the next two weeks or so  
>> the contract negotiation shall begin.

>>  
>> Also, they are investigating our request to have as the start date the  
>> 15th of August. If I have any news around this I will let you know.

>>  
>> Cheers,

>>  
>> Manos [REDACTED]

>>  
>>  
>>

>> On Fri, Jul 29, 2016 at 10:00 AM, Manos Antonakakis <manos@gatech.edu> wrote:

>>> Gentlemen,

>>>  
>>> This is a status update on where we are and where we are heading to.

>>>  
>>> In the last two weeks I have been in contact with a contracting person  
>>> (Danielle) from USAF. They wanted a number of clarifications about our  
>>> project so the contract negotiation can begin. Last night we finalized  
>>> their last clarification request around our statement of work, and  
>>> this morning just got of the phone with them, where they acknowledged  
>>> we are good to go.

>>>  
>>> Next step here is to quickly negotiate the contract and begin the  
>>> project. My number one priority at this point is for this to happen  
>>> asap. I am canceling all my trips in August so I can work with them  
>>> day-to-day. The program has a start date the first of November,  
>>> however, I want to have us begin as early as end of August (or sooner  
>>> if possible).

>>>  
>>> The two things I am making sure are:

>>>  
>>> 1. We can get a written permission of a start date August 15. This  
>>> will enable the academic arm of this project to start billing against  
>>> the project throughout the entire Fall semester. Vis-a-vis, your  
>>> students will be covered by the project in Fall.

>>>  
>>> 2. The subs to get paid asap, before we even start pulling data from  
>>> your networks. This is a fight that I am winning at the moment with  
>>> Georgia Tech. Apparently, if you bring (this level of) funds in the  
>>> school, people read your email. :) As soon as I have additional news  
>>> around this, I will relay them to you. In the mean time, I will be  
>>> reaching out independently so we can have a standard NDA in place  
>>> between GT and your organizations. Please, be ready to share with me  
>>> your standard NDA.

>>>  
>>> All-in-all, things are on track (actually, slightly ahead of  
>>> schedule), and we should be starting soon. If you have any questions  
>>> or issues, please drop me and Dave a note. We are here to help smooth

>>> this process and have a great 4.5 years of collaboration.

>>>

>>> Thanks,

>>>

>>> Manos 

Microsoft Exchange Server;converted from html;

**From:** Roberts, Kristen N<fvirgil6@gatech.edu> on behalf of Roberts, Kristen N

**Sent on:** Monday, September 19, 2016 11:57:55 AM

**To:** Travis, Elan<Elan.travis@osp.gatech.edu>

**Subject:** Re: Draft/sample subcontract

Microsoft Exchange Server;converted from html;

**From:** Roberts, Kristen N<fvirgil6@gatech.edu> on behalf of Roberts, Kristen N

**Sent on:** Friday, September 16, 2016 7:12:00 PM

**To:** Travis, Elan<Elan.travis@osp.gatech.edu>

**Subject:** Re: Draft/sample subcontract



Microsoft Exchange Server;converted from html;

**From:** Travis, Elan<Elan.travis@osp.gatech.edu>  
**Sent on:** Monday, September 19, 2016 2:54:08 PM  
**To:** Roberts, Kristen N<kp138@gatech.edu>  
**Subject:** RE: Draft/sample subcontract

You are welcome! Let me know if you need anything else. Have a great day!

**Élan Travis**

Contracting Specialist

**Georgia Institute of Technology | GTRC-** Office of Sponsored Programs

404.385-3645

[elan.travis@osp.gatech.edu](mailto:elan.travis@osp.gatech.edu)

---

**From:** Roberts, Kristen N [mailto:kristen.roberts@ece.gatech.edu]

**Sent:** Monday, September 19, 2016 7:58 AM

**To:** Travis, Elan <Elan.travis@osp.gatech.edu>

**Subject:** Re: Draft/sample subcontract

**From:** Travis, Elan <[HYPERLINK "mailto:Elan.travis@osp.gatech.edu" Elan.travis@osp.gatech.edu](mailto:Elan.travis@osp.gatech.edu)>

**Sent:** Friday, September 16, 2016 4:43 PM

**To:** 'rodney.joffe@neustar.biz'

**Cc:** Antonakakis, Emmanouil K; Roberts, Kristen N

**Subject:** Draft/sample subcontract

Kristen Roberts in Georgia Techs School of Electrical and Computer Engineering asked me to provide you with a draft subcontract. I have attached the draft template, please know that depending on the prime awards terms this may change with items being removed and/or added.

Please feel free to contact my if you have any questions or concerns.

**Élan Travis**

Contracting Specialist

**Georgia Institute of Technology | GTRC**

Office of Sponsored Programs

505 Tenth Street, Atlanta GA 30332-0420

404.385-3645 p | 404.894.5945 f | [elan.travis@osp.gatech.edu](mailto:elan.travis@osp.gatech.edu)



**From:** <antonakakis@gmail.com> on behalf of Manos Antonakakis<manos@gatech.edu>  
**Sent on:** Friday, September 16, 2016 8:51:45 PM  
**To:** Travis, Elan<Elan.travis@osp.gatech.edu>  
**CC:** rodney.joffe@neustar.biz; Roberts, Kristen N<kp138@gatech.edu>  
**Subject:** Re: Draft/sample subcontract

Microsoft Exchange Server;converted from html;  
Many thanks Elan and Kristen!

Manos

On Fri, Sep 16, 2016 at 4:43 PM, Travis, Elan <[HYPERLINK "mailto:Elan.travis@osp.gatech.edu" Elan.travis@osp.gatech.edu](mailto:Elan.travis@osp.gatech.edu)> wrote:

Good Afternoon Rodney,

Kristen Roberts in Georgia Techs School of Electrical and Computer Engineering asked me to provide you with a draft subcontract. I have attached the draft template, please know that depending on the prime awards terms this may change with items being removed and/or added.

Please feel free to contact my if you have any questions or concerns.

**Élan Travis**

Contracting Specialist

**Georgia Institute of Technology | GTRC**

Office of Sponsored Programs

505 Tenth Street, Atlanta GA 30332-0420

404.385-3645 p | 404.894.5945 f | [elan.travis@osp.gatech.edu](mailto:elan.travis@osp.gatech.edu)



**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Thursday, January 18, 2018 1:26:48 AM  
**To:** Hook, Lisa<lisa.hook@team.neustar>  
**CC:** Joffe, Rodney<Rodney.Joffe@team.neustar>  
**Subject:** Re: Friday

Hey Lisa, absolutely!

My office is at the Klaus Advance Computing Building, 3rd floor, Room 3364. I can send you the visitor parking direction if you will be driving in.

My cell is [REDACTED], in case you need to call me.

Many thanks,

Manos

---

Typos due to mobile device ...

> On Jan 17, 2018, at 20:04, Hook, Lisa <lisa.hook@team.neustar> wrote:

>

> Manos,

>

> I am in Atlanta for meetings on Friday and am wondering if you are in town and free at 9:30 to meet at school. Would love to catch up.

>

> Best,

>

> Lisa

>

> Lisa A. Hook

> Neustar, Inc./President and Chief Executive Officer

> 120 SW 8th Street, Miami, FL 33130

> Office: 571/434-5630. Mobile:202/907-5672

> Lisa.Hook@team.neustar/www.neustar.biz

>

Sent: Tuesday, June 7, 2016 10:23:14 AM

To: Antonakakis, Emmanouil K; Roberts, Kristen N;

From: Joffe, Rodney, Kristen N <kristen.roberts@ece.gatech.edu> on behalf of Roberts, Kristen N

Subject: Re: Letter re: Darpa bid  
Sent on: Tuesday, June 7, 2016 2:27:37 PM

To: Hayman, Denise <Denise.Hayman@neustar.biz>; Antonakakis, Emmanouil K <manos@gatech.edu>

CC: Joffe, Rodney <Rodney.Joffe@neustar.biz>

Subject: Re: Letter re: Darpa bid

Hi Manos - I'm traveling in the Uk - sorry for the delay

Here you go. Two formats I can't get the .pdf one too look right so sending you both so you have them

Denise Hayman

Neustar, Inc. / VP Global Security Sales

Office: 415.590.4618 / Mobile: 415.214.5088

denise.hayman@neustar.biz / [HYPERLINK "http://www.neustar.biz" www.neustar.biz](http://www.neustar.biz)

<applewebdata://BE8398A2-2BCB-4EC0-9CC7-195CDDBAABBBD/www.neustar.biz>

Twitter: @ <[HYPERLINK "https://twitter.com/lisajoyrosner" https://twitter.com/lisajoyrosner](https://twitter.com/lisajoyrosner)>denisedeshayman/ LinkedIn:

[HYPERLINK "https://www.linkedin.com/in/denisehayman" https://www.linkedin.com/in/denisehayman](https://www.linkedin.com/in/denisehayman)

On 6/6/16, 7:35 PM, [REDACTED] on behalf of Manos Antonakakis"

[REDACTED] on behalf of manos@gatech.edu> wrote:

>Hey Denise,

>  
>We got a push back on the format of your quote. Can you please make  
>sure you quote is visible in a single page? Please send this to  
>Kristen directly, as we are running out of time.

>  
>Also, please make sure that the quote date is valid until the "start  
>date" of our project (hopefully we get awarded). That date is,  
>11/30/2016.

>  
>Many thanks,

>  
>Manos

>  
>On Thu, Jun 2, 2016 at 12:27 PM, Hayman, Denise  
><Denise.Hayman@neustar.biz> wrote:  
>> Hi Manos - please find the attached letter in regards to our  
>>Darpa/Neustar  
>> bid

>>  
>>  
>>  
>> Denise Hayman

>>  
>> Neustar, Inc. / VP Global Security Sales

>> Office: 415.590.4618 / Mobile: 415.214.5088

>>

>> denise.hayman@neustar.biz / [HYPERLINK "http://www.neustar.biz" www.neustar.biz](http://www.neustar.biz)

>>

>> Twitter: @denisedeshayman/ LinkedIn:

>>

>> [HYPERLINK "https://urldefense.proofpoint.com/v2/url?u=https-3A\\_www.linkedin.com in "](https://urldefense.proofpoint.com/v2/url?u=https-3A_www.linkedin.com_in_)  
[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_www.linkedin.com in](https://urldefense.proofpoint.com/v2/url?u=https-3A_www.linkedin.com_in)

>>denisehayman&d=DQIFaQ&c=MOptNIVtIETeDALC\_IULrw&r=Ssky-JxSDKI4VwCXe5b2hufm

>>xpzETk3xniCgFiXJiyw&m=jcM2y4yvd80lsGfCwAs6NC9C1J5gqvcjxeQxlm8CDkE&s=k3dZJ

>>9ZUo-BbCf7MSf3I7eyKHjyltDRCqSks6PDgu0&e=

>>

>>

**From:** NANOG<nanog-bounces+cas.dangelo=oit.gatech.edu@nanog.org> on behalf of Melchior Aelmans<melchior@aelmans.eu>  
**Sent on:** Friday, October 16, 2020 7:22:00 AM  
**To:** Rodney Joffe<rjoffe@centergate.com>  
**CC:** NANOG<nanog@nanog.org>  
**Subject:** Re: RFC 2468

Microsoft Exchange Server;converted from html;  
Thanks for sharing Rodney!  
Regards,  
Melchior

On Fri, Oct 16, 2020 at 6:05 AM Rodney Joffe <[HYPERLINK "mailto:rjoffe@centergate.com" rjoffe@centergate.com](mailto:rjoffe@centergate.com)> wrote:

It is especially fitting whenever the NANOG/ARIN joint meetings occur in the same week that we "remember IANA".

As time has gone on, fewer and fewer of us actually know who J. Postel is - that name that appears at the end of so many RFC's we refer to every day. The same person who also guided the management of names and numbers in the "early" days of this grand experiment we're still struggling to get "right".

Today (Friday, October 16) is 22 years since Jon Postel passed away. I won't start to list the rest of the pioneers we've lost since then - its obviously getting longer and longer. But I think its worth pointing "newcomers" at Vint's RFC2468 ([HYPERLINK "https://nam05.safelinks.protection.outlook.com/?url=https%3A%2F%2Ftools.ietf.org%2Frfc%2Frfc2468.txt&da https://tools.ietf.org/rfc/rfc2468.txt"](https://nam05.safelinks.protection.outlook.com/?url=https%3A%2F%2Ftools.ietf.org%2Frfc%2Frfc2468.txt&da)) as the starting point for them (you) to understand the importance of Jon's legacy as a moral compass to help guide some of the decisions being made or ignored during this week. And obviously other weeks and decisions that follow.

Jon was my mentor, colleague, business partner, and friend. And along with his other friends still on this list, I miss him a lot. It hasn't been the same without him.

/rlj

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Friday, September 7, 2018 2:52:58 AM  
**To:** Rodney Joffe<rjoffe@centergate.com>  
**Subject:** Re: Touch base

I was not planing to, because that is the only hard facts I have.

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Rodney Joffe <rjoffe@centergate.com>  
Sent: Thursday, September 6, 2018 10:50:48 PM  
To: Antonakakis, Manos  
Subject: Re: Touch base

DONT TELL HIM ANYTHING DIFFERENT TO ANGELOS After Oct 1 new fiscal year.

> On Sep 6, 2018, at 10:35 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> Venkat, nothing official at the moment. We are in waiting mode. If you want some unofficial news, you can give me a quick call.

>  
> Thanks,

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> 

---

  
> From: Achanta, Venkat <Venkat.Achanta@team.neustar>  
> Sent: Thursday, September 6, 2018 10:30:34 PM  
> To: Antonakakis, Manos  
> Cc: Joffe, Rodney  
> Subject: Touch base

>  
> Manos,  
>  
> Do you have any other information from DARPA program managers chasing possible path for this fiscal funding ?

>  
> Thank you.

>  
> Venkat.

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Friday, September 7, 2018 2:35:31 AM  
**To:** Achanta, Venkat<Venkat.Achanta@team.neustar>  
**CC:** Joffe, Rodney<Rodney.Joffe@team.neustar>  
**Subject:** Re: Touch base

Venkat, nothing official at the moment. We are in waiting mode. If you want some unofficial news, you can give me a quick call.

Thanks,

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Achanta, Venkat <Venkat.Achanta@team.neustar>  
Sent: Thursday, September 6, 2018 10:30:34 PM  
To: Antonakakis, Manos  
Cc: Joffe, Rodney  
Subject: Touch base

Manos,

Do you have any other information from DARPA program managers chasing possible path for this fiscal funding ?

Thank you.

Venkat.



**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Friday, September 7, 2018 3:00:38 AM  
**To:** Rodney Joffe<rjoffe@centergate.com>  
**Subject:** Re: Touch base

You're right, Rodkneeee

:)

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Rodney Joffe <rjoffe@centergate.com>  
Sent: Thursday, September 6, 2018 10:59:43 PM  
To: Antonakakis, Manos  
Subject: Re: Touch base

Manos my friend, that doesn't relate to what he asked you. And he knows the proposal update from John.

Just say "you're right, Rodkneeee". ☐☐

> On Sep 6, 2018, at 10:57 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> You assume too much. That is not true. I was planning to tell him about the proposal.

>  
> —

> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>

>

---

> From: Rodney Joffe <rjoffe@centergate.com>  
> Sent: Thursday, September 6, 2018 10:56:14 PM  
> To: Antonakakis, Manos  
> Subject: Re: Touch base

>

> Then why did you invite him to call for unofficial news? That implies you have something different to Angelos. You will regret it because now he will start in on you again... and keep pushing. And you invited it ☐☐

>

>> On Sep 6, 2018, at 10:52 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>

>> I was not planing to, because that is the only hard facts I have.

>>

>> —

>> Manos Antonakakis | manos@gatech.edu  
>> Georgia Institute of Technology  
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>

>>

>>

---

>> From: Rodney Joffe <rjoffe@centergate.com>  
>> Sent: Thursday, September 6, 2018 10:50:48 PM  
>> To: Antonakakis, Manos  
>> Subject: Re: Touch base

>>

>> DONT TELL HIM ANYTHING DIFFERENT TO ANGELOS After Oct 1 new fiscal year.

>>

>>> On Sep 6, 2018, at 10:35 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>>

>>> Venkat, nothing official at the moment. We are in waiting mode. If you want some unofficial news, you can give me a quick call.

>>>

>>> Thanks,

>>>

>>> —

>>> Manos Antonakakis | manos@gatech.edu

>>> Georgia Institute of Technology

>>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>>

>>>

>>>

---

>>> From: Achanta, Venkat <Venkat.Achanta@team.neustar>

>>> Sent: Thursday, September 6, 2018 10:30:34 PM

>>> To: Antonakakis, Manos

>>> Cc: Joffe, Rodney

>>> Subject: Touch base

>>>

>>> Manos,

>>>

>>> Do you have any other information from DARPA program managers chasing possible path for this fiscal funding ?

>>>

>>> Thank you.

>>>

>>> Venkat.

>>

>

**From:** Victor Oppleman<victor@packetforensics.com>  
**Sent on:** Friday, July 12, 2019 11:55:29 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** Rory Yegerman<rory@packetforensics.com>; Courtney Yegerman<courtney@packetforensics.com>; Rodney Joffe<rjoffe@centergate.com>  
**Subject:** Re: Workshop Detail

Manos,

This week was a success because of you. The entire EA team clearly looks up to their "professor" and you continue to deliver.

But seriously, your Internet knowledge and many years of thinking about approaches to these problems has given you an advantage that shows through clearly. Despite his confidence, Ian sees it too and he seems to understand his predicament.

Thank you for your help (and continued efforts) with the other contractors. And thanks the most for giving us your time and being away from home for the hackathon, basically for our benefit, and hopefully for yours too.

Thanks again, we look forward to working with you more soon, and have a nice weekend,  
Vic

> On Jul 12, 2019, at 5:46 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Rory and Cortney, many thanks for exposing me to PF datasets I was not fully aware off. Flying back to Atlanta and my mind is spinning out of control due to multiple opportunities ahead of us.

>

> Vic and Rodney, the hackathon was such a success because of Rory's and Cortney's willingness to work with the EA performers. I feel lucky for you and PF having two such great assets in your team!

>

> Have a great weekend folks. Great things are ahead of us!

>

> ---

> Typos due to mobile device ...

>

**From:** Antonakakis, Manos<fvirgil6@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Friday, July 12, 2019 9:46:46 PM  
**To:** Rory<ror@packetforensics.com>; cortney@packetforensics.com  
**CC:** Rodney Joffe<rjoffe@centergate.com>; Victor Oppleman<victor@packetforensics.com>  
**BCC:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Re: Workshop Detail

Rory and Cortney, many thanks for exposing me to PF datasets I was not fully aware off. Flying back to Atlanta and my mind is spinning out of control due to multiple opportunities ahead of us.

Vic and Rodney, the hackathon was such a success because of Rory's and Cortney's willingness to work with the EA performers. I feel lucky for you and PF having two such great assets in your team!

Have a great weekend folks. Great things are ahead of us!

---

Typos due to mobile device ...

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Wednesday, April 25, 2018 1:49:21 PM  
**To:** Rodney Joffe<rjoffe@centergate.com>  
**Subject:** Re: You still up?

Sorry, just saw the email. I am on a deadline for a few DARPA stuff.

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Rodney Joffe <rjoffe@centergate.com>  
Sent: Tuesday, April 24, 2018 11:25:31 PM  
To: Antonakakis, Manos  
Subject: You still up?

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Wednesday, October 23, 2019 4:14:49 AM  
**To:** Najmeh Miramirkhani<nmiramirkhani@cs.stonybrook.edu>  
**CC:** Nick Nikiforakis<nick@cs.stonybrook.edu>  
**Subject:** Re: Your signature on the prelim assessment form is required  
**Attachments:** ManosAntonakakis\_cv.pdf (182.7 KB), ForNajmeh.pdf (665.42 KB)

Najmeh, please find my CV and the signed form attached.

Unfortunately, something extremely important came up for one of my two big projects and I will have to be remote during your defense. Please, do not perceive my inability to physically attend your defense as lack of interest towards your work. On the contrary; I think you are one of the few researchers around the world that conducts research on DNS that I would care to read.

The reality is that when you run big projects very few decisions are easy.

Please let me know how I can join remotely. Thanks!

---

Manos Antonakakis | Associate Professor | manos@gatech.edu  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Najmeh Miramirkhani <nmiramirkhani@cs.stonybrook.edu>  
Sent: Tuesday, October 22, 2019 5:17 PM  
To: Antonakakis, Manos  
Subject: Your signature on the prelim assessment form is required

Manos,

As part of the paperwork required for the defense, I need to send a copy of a prelim assessment form which is signed by the committee to the SBU Grad School.

Currently, this form is missing your signature. Would it be possible for you to print out the attached form, sign it and send me back a scanned copy of it?

I also need to send your CV, as the external member of the committee, to our department. So I am wondering if I can have your CV?

Thank you for all your help and support,  
Best regards,

--  
Najmeh Miramirkhani  
Ph.D. candidate, Stony Brook University | najmeh.org<<http://najmeh.org>>

**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Wednesday, October 23, 2019 3:53:48 PM  
**To:** Najmeh Miramirkhani<nmiramirkhani@cs.stonybrook.edu>  
**CC:** Nick Nikiforakis<nick@cs.stonybrook.edu>  
**Subject:** Re: Your signature on the prelim assessment form is required  
**Attachments:** cv-Antonakakis.pdf (87.05 KB)

Najmeh, please use the attached CV instead.

Thanks,

---

Manos Antonakakis | Associate Professor | manos@gatech.edu  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Najmeh Miramirkhani <nmiramirkhani@cs.stonybrook.edu>  
Sent: Wednesday, October 23, 2019 8:19 AM  
To: Antonakakis, Manos  
Cc: Nick Nikiforakis  
Subject: Re: Your signature on the prelim assessment form is required

Hi Manos,

Thanks for sending the signed form.

Your CV will be sent to our Graduate School together with other documents. As Nick said, a version that can be publicly available should be fine.

I totally understand that your schedule is tight. It is an honor for me to have you on my dissertation committee. I will send you a bluejeans link, the same as what we did for the prelim, to join the meeting remotely.

Best regards,

On Wed, Oct 23, 2019 at 12:34 AM Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:  
Ok, will do. Please do not use the one I sent you already.

Thanks, Manos

On Oct 23, 2019, at 00:29, Nick Nikiforakis <nick@cs.stonybrook.edu<mailto:nick@cs.stonybrook.edu>> wrote:

□  
Manos,

I am not sure where Najmeh needs to send your CV but just to be on the safe side, send us one that can be made publicly available when you get a chance.

Cheers,  
Nick

On Wed, Oct 23, 2019, 00:22 Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:  
One more key thing. This version of my CV \*cannot\* be in the public domain. If you need such a publicly distributable CV I will send it to you tomorrow.

Thanks, Manos

> On Oct 23, 2019, at 00:14, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:  
>

> □ Najmeh, please find my CV and the signed form attached.

>

> Unfortunately, something extremely important came up for one of my two big projects and I will have to be remote during your defense. Please, do not perceive my inability to physically attend your defense as lack of interest towards your work. On the contrary; I think you are one of the few researchers around the world that conducts research on DNS that I would care to read.

>

> The reality is that when you run big projects very few decisions are easy.

>

> Please let me know how I can join remotely. Thanks!

>

> —

> Manos Antonakakis | Associate Professor | [manos@gatech.edu](mailto:manos@gatech.edu)<<mailto:manos@gatech.edu>>

> School of Electrical and Computer Engineering

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

>

> From: Najmeh Miramirkhani <[nmiramirkhani@cs.stonybrook.edu](mailto:nmiramirkhani@cs.stonybrook.edu)<<mailto:nmiramirkhani@cs.stonybrook.edu>>>

> Sent: Tuesday, October 22, 2019 5:17 PM

> To: Antonakakis, Manos

> Subject: Your signature on the prelim assessment form is required

>

>

> Manos,

> As part of the paperwork required for the defense, I need to send a copy of a prelim assessment form which is signed by the committee to the SBU Grad School.

> Currently, this form is missing your signature. Would it be possible for you to print out the attached form, sign it and send me back a scanned copy of it?

> I also need to send your CV, as the external member of the committee, to our department. So I am wondering if I can have your CV?

>

> Thank you for all your help and support,

> Best regards,

>

> --

> Najmeh Miramirkhani

> Ph.D. candidate, Stony Brook University | [najmeh.org](http://najmeh.org)<<http://najmeh.org>><<http://najmeh.org>>

>

> <[ManosAntonakakis\\_cv.pdf](#)>

> <[ForNajmeh.pdf](#)>

--

Najmeh Miramirkhani

Ph.D. candidate, Stony Brook University | [najmeh.org](http://najmeh.org)<<http://najmeh.org>>



**From:** Antonakakis, Manos<manos@gatech.edu> on behalf of Antonakakis, Manos  
**Sent on:** Thursday, August 2, 2018 8:07:25 PM  
**To:** Hook, Lisa<lisa.hook@team.neustar>; Joffe, Rodney<Rodney.Joffe@team.neustar>  
**CC:** Keromytis, Angelos D CIV DARPA (US)<angelos.keromytis@darpa.mil>  
**Subject:** Regarding HACCS

Hey Lisa,

I would like to reiterate that I take full responsibility for the HACCS delay. The ECP (contract modification) between GT and DARPA takes time we are in the process of finalize this modification. At the same time, I would like to have Angelos relay the status of everything we are doing (HACCS and EA) in person --- especially if Charlie is available for a meeting. My understanding is that Angelos would be more than happy to swing by your offices.

Many thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

Microsoft Exchange Server;converted from html;

**From:** Allen, Lucretia<lucretia.allen@ece.gatech.edu> on behalf of Allen, Lucretia  
**Sent on:** Friday, July 27, 2018 6:10:17 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** Blough, Douglas M<doug.blough@ece.gatech.edu>; Allen, Lucretia<lucretia.allen@ece.gatech.edu>  
**Subject:** RPT CV Corrections: Antonakakis  
**Attachments:** 14 CV- Antonakakis-TL Comments.pdf (213.82 KB)

Hello Professor,

Terri Lee from the Deans Office has reviewed your resume for proper formatting and posted a few comments on the CV that need correcting.

Please review and correct the items highlighted and send back to me.

Thanks,  
*Lucretia*



Just smile, it's all good!

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Wednesday, August 29, 2018 10:20:02 PM

To: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Farrell, Michael <Michael.Farrell@gtri.gatech.edu>

CC: Maddern, Thomas (contr-i2o) <Thomas.Maddern.ctr@darpa.mil>; Kline, Allison (contr-i2o)

<allison.kline.ctr@darpa.mil>; Crone, Ian <ian.crone@darpa.mil>; Scott, Shivon <Shivon.Scott@gtri.gatech.edu>

Subject: Re: Addendum to HACCS

Folks, do we have any updates on this one? The impact of delaying this even further will be significant for both EA and HACCS projects --- something I really would like to avoid.

The data provider that was so unbelievably supportive of our (mainly EA but also HACCS) efforts to day is less than happy (to say the least).

Many thanks,

Manos

On Fri, 2018-08-24 at 23:20 +0000, Keromytis, Angelos wrote:

> Thanks. Tom will follow up with Abby to see what happened.

>

> On Aug 24, 2018, at 16:50, Farrell, Michael <Michael.Farrell@gtri.gat

> ech.edu <<mailto:Michael.Farrell@gtri.gatech.edu>> > wrote:

>

> Hello,

>

> Below please see the email transmittal that GT contracting (Dan) sent

> to DARPA (Abby) at 700am on August 9. It would appear DARPA

> contracting has had the REA for Haccs for more than two weeks.

>

> Although I don't have the attachment that was sent at that time, I

> would assume that if there were questions on the proposal then Abby

> would've replied back to Dan.

>

> Please advise if somehow the email below on August 9 did not, in

> fact, end up at DARPA. Or if there was a reply back from CMO that

> Dan might have inadvertently missed. If further info is needed or

> changes, then please have CMO contact Dan in GT OSP.

>

> Thanks.

>

> —MF

>

>

>

>

> From: Sibble, Dan

> Sent: Thursday, August 9, 2018 7:07 AM

> To: 'Jordan, Abigail' <abigail.jordan@darpa.mil <[> @darpa.mil >>](mailto:abigail.jordan</a></p></div><div data-bbox=)

> Subject: RE: Addendum to HACCS

>

>

> Good Morning Abby,

>

>  
>  
> Enclosed please find GTRI's REA proposal. Contact me at your  
> convenience with any questions or should additional information be  
> needed.

>  
>  
>  
> Best,

>  
>  
> Dan  
>  
> Dan Sibble  
> Contracting Officer  
> Georgia Institute  
> of Technology  
> Office of Sponsored Programs  
> Research Administration Bldg  
> 505 Tenth St NW Atlanta, GA 30332-0420  
> Ph: (404)894-6947 Fax: (404) 894-6956  
> Email: [hxxxp://xxx.osp.gatech.edu/](mailto:hxxxp://xxx.osp.gatech.edu/)

>  
>  
>  
>  
>  
>  
> -----Original Message-----  
> From: Jordan, Abigail [<mailto:abigail.jordan@darpa.mil>]  
> Sent: Monday, August 6, 2018 8:25 AM  
> To: Sibble, Dan <Dan.Sibble@osp.gatech.edu<<mailto:Dan.Sibble@osp.gatech.edu>>>  
> Subject: RE: Addendum to HACCS

>  
>  
>  
> Hi Dan,

>  
>  
>  
> Below is the message I received from Tom:

>  
>  
>  
> "We have a HACCS site visit at GT on Monday and this will be a topic  
> of review.

>  
>  
>  
> For purposes of replying to Dan, will defer to you on guidance of  
> what should be included in the REA proposal. He is also looking for  
> confirmation from CMO that the revised SoW does allow them to begin  
> working with the new subcontractors. Can you provide that? As for  
> funding, HACCS won't have access to FY19 budget until November (at  
> the earliest) and guidance to performers is to make current funding

> last through January 2019."

>

>

>

> As far as the REA proposal we will need a simple cost spreadsheet

> illustrating the changes and cost, a BOM if there is a material

> increase and a cover letter explain the change.

>

>

>

> Does this help?

>

>

>

> Thank you,

>

> Abby

>

>

>

>

>

>

>

>

> -----Original Message-----

>

> From: Sibble, Dan <Dan.Sibble@osp.gatech.edu<mailto:Dan.Sibble@osp.ga

> tech.edu>>

>

> Sent: Friday, August 3, 2018 3:29 PM

>

> To: Jordan, Abigail <abigail.jordan@darpa.mil<mailto:abigail.jordan@d

> arpa.mil>>

>

> Subject: RE: Addendum to HACCS

>

> Importance: High

>

>

>

> Hi Abby,

>

>

>

>

>

>

>

> Following up on my previous message, I don't think I saw a response

> on this.

>

>

>

>

>

>

>

> Thanks!

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

>

> From: Sibble, Dan

>

> Sent: Thursday, July 26, 2018 3:37 PM



>  
>  
> Please advise at your earliest convenience.  
>  
>  
>  
>  
>  
>  
>  
>  
> Thanks!  
>  
>  
>  
>  
>  
>  
> Dan  
>  
>  
>  
>  
>  
>  
>  
> Dan Sibble  
>  
>  
>  
> Contracting Officer  
>  
> Georgia Institute  
>  
> of Technology  
>  
>  
>  
> Office of Sponsored Programs  
>  
>  
>  
> Research Administration Bldg  
>  
>  
>  
> 505 Tenth St NWAtlanta, GA 30332-0420  
>  
>  
>  
> Ph: (404)894-6947 Fax: (404) 894-6956  
>  
> Email:hxxxp://xxx.osp.gatech.edu/  
>  
>  
>  
>  
>  
>





> Contract mod revising the SoW was sent to Dan Sibble this morning.

> Process going forward is:

>

>

>

>

>

>

>

> - GTARC submits an REA proposal to CMO for an increase in contract ceiling

>

>

>

> - DARPA reviews the REA and CMO negotiates the revised costs

>

>

>

> - Contract mod issued increasing contract ceiling and provides incremental funding

>

>

>

>

>

>

>

> As previously discussed, funds will not be available until November/December at the earliest. The funds currently on contract need to keep GT going through January. GT should clarify with CMO if the new subcontractors can begin work now or if the above process need to be completed first. If the former, GT needs to decide whether the current funding can support the existing work and new subcontractor costs into 2019.

>

>

>

>

>

>

>

> Please let me know if you have any questions.

>

>

>

>

>

>

>

> Tom

>

>

>

>

>

>

>

> On Jul 17, 2018, at 2:28 PM, Mitchell, Michael F <michael.mitchell@ec  
> e.gatech.edu <mailto:michael.mitchell@ece.gatech.edu <mailto:michael.m  
> itchell@ece.gatech.edu%3cmailto:michael.mitchell@ece.gatech.edu <mailt  
> o:michael.mitchell@ece.gatech.edu%3cmailto:michael.mitchell@ece.gatec  
> h.edu%20%3cmailto:michael.mitchell@ece.gatech.edu%3cmailto:michael.mi  
> tchell@ece.gatech.edu>> >> wrote:

>  
>  
>  
>  
>  
>  
>  
>  
>  
>

> Hey Tom and Allison,

>  
>  
>  
>  
>  
>  
>  
>  
>

> Ive had both Neustar and Enemies list reach out to me for updates on  
> the HACCS program. They are eager to begin work on this project with  
> Georgia Tech. Can you provide an estimate on when this addendum  
> might be executed, or where in the process things are currently?

>  
>  
>  
>  
>  
>  
>  
>

> Thanks!

>  
>  
>  
>  
>  
>  
>  
>

> Michael Mitchell

>  
>  
>  
>  
>  
>  
>

> Research Operations Program Manager

>  
>  
>  
>  
>  
>

> GEORGIA Institute

>  
>  
>  
>  
>

> of TECH nology

>  
>  
>  
> School of Electrical and Computer Engineering

>  
>  
>  
>  
> 777 Atlantic Drive NW

>  
>  
>  
>  
> Atlanta, GA 30332-0765

>  
>  
>  
>  
> Phone: 404-385-8122

>  
>  
>  
>  
>  
>  
>  
>

--  
Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D25B59 5120 5E89 BE1B 3668

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Saturday, August 25, 2018 12:20:36 AM  
To: Farrell, Michael <Michael.Farrell@gtri.gatech.edu>  
CC: Maddern, Thomas (contr-i2o) <Thomas.Maddern.ctr@darpa.mil>; Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; Crone, Ian <ian.crone@darpa.mil>; Antonakakis, Emmanouil K <manos@gatech.edu>; Scott, Shivon <Shivon.Scott@gtri.gatech.edu>  
Subject: Re: Addendum to HACCS

Thanks. Tom will follow up with Abby to see what happened.

On Aug 24, 2018, at 16:50, Farrell, Michael <Michael.Farrell@gtri.gatech.edu <mailto:Michael.Farrell@gtri.gatech.edu>> wrote:

Hello,

Below please see the email transmittal that GT contracting (Dan) sent to DARPA (Abby) at 700am on August 9. It would appear DARPA contracting has had the REA for Haccs for more than two weeks.

Although I don't have the attachment that was sent at that time, I would assume that if there were questions on the proposal then Abby would've replied back to Dan.

Please advise if somehow the email below on August 9 did not, in fact, end up at DARPA. Or if there was a reply back from CMO that Dan might have inadvertently missed. If further info is needed or changes, then please have CMO contact Dan in GT OSP.

Thanks.

—MF

From: Sibble, Dan  
Sent: Thursday, August 9, 2018 7:07 AM  
To: 'Jordan, Abigail' <abigail.jordan@darpa.mil <mailto:abigail.jordan@darpa.mil>>  
Subject: RE: Addendum to HACCS

Good Morning Abby,

Enclosed please find GTRI's REA proposal. Contact me at your convenience with any questions or should additional information be needed.

Best,

Dan

Dan Sibble  
Contracting Officer  
Georgia Institute

of Technology  
Office of Sponsored Programs  
Research Administration Bldg  
505 Tenth St NW Atlanta, GA 30332-0420  
Ph: (404)894-6947 Fax: (404) 894-6956  
Email: [hxxxp://xxx.osp.gatech.edu/](mailto:hxxxp://xxx.osp.gatech.edu/)

-----Original Message-----

From: Jordan, Abigail [<mailto:abigail.jordan@darpa.mil>]  
Sent: Monday, August 6, 2018 8:25 AM  
To: Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)<<mailto:Dan.Sibble@osp.gatech.edu>>>  
Subject: RE: Addendum to HACCS

Hi Dan,

Below is the message I received from Tom:

"We have a HACCS site visit at GT on Monday and this will be a topic of review.

For purposes of replying to Dan, will defer to you on guidance of what should be included in the REA proposal. He is also looking for confirmation from CMO that the revised SoW does allow them to begin working with the new subcontractors. Can you provide that? As for funding, HACCS won't have access to FY19 budget until November (at the earliest) and guidance to performers is to make current funding last through January 2019."

As far as the REA proposal we will need a simple cost spreadsheet illustrating the changes and cost, a BOM if there is a material increase and a cover letter explain the change.

Does this help?

Thank you,

Abby

-----Original Message-----

From: Sibble, Dan <Dan.Sibble@osp.gatech.edu<mailto:Dan.Sibble@osp.gatech.edu>>

Sent: Friday, August 3, 2018 3:29 PM

To: Jordan, Abigail <abigail.jordan@darpa.mil<mailto:abigail.jordan@darpa.mil>>

Subject: RE: Addendum to HACCS

Importance: High

Hi Abby,

Following up on my previous message, I don't think I saw a response on this.

Thanks!

Dan

Dan Sibble

Contracting Officer

Georgia Institute

of Technology

Office of Sponsored Programs

Research Administration Bldg

505 Tenth St NW Atlanta, GA 30332-0420

Ph: (404)894-6947 Fax: (404) 894-6956

Email: <http://xxx.osp.gatech.edu/>

From: Sibble, Dan

Sent: Thursday, July 26, 2018 3:37 PM

To: 'abigail.jordan@darpa.mil<<mailto:abigail.jordan@darpa.mil>>'  
<[abigail.jordan@darpa.mil](mailto:abigail.jordan@darpa.mil)<<mailto:abigail.jordan@darpa.mil>>>

Subject: FW: Addendum to HACCS

Hi Abby,

I was recently on vacation and I am now playing catch up this week. I was forwarded the message below regarding the HACCS addendum now that P00003 has been executed.

Can you:



1. Confirm the accuracy of the guidance in Mr. Maddern's message below

2. Advise what all is needed for the REA proposal

3. Provide guidance on the future funding outlays

Please advise at your earliest convenience.

Thanks!

Dan

Dan Sibble

Contracting Officer

Georgia Institute

of Technology

Office of Sponsored Programs

Research Administration Bldg

505 Tenth St NW Atlanta, GA 30332-0420

Ph: (404)894-6947 Fax: (404) 894-6956

Email: <http://xxx.osp.gatech.edu/>

-----Original Message-----

From: Maddern, Thomas (contr-i2o) <Thomas.Maddern.ctr@darpa.mil <  
<mailto:Thomas.Maddern.ctr@darpa.mil><<mailto:Thomas.Maddern.ctr@darpa.mil%20%3cmailto:Thomas.Maddern.ctr@darpa.r>>>>

Sent: Wednesday, July 18, 2018 10:58 AM

To: Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu) <  
<mailto:michael.mitchell@ece.gatech.edu><<mailto:michael.mitchell@ece.gatech.edu%20%3cmailto:michael.mitchell@ece.gatech.edu>>>>

Cc: Kline, Allison (contr-i2o) <[allison.kline.ctr@darpa.mil](mailto:allison.kline.ctr@darpa.mil) <  
<mailto:allison.kline.ctr@darpa.mil><<mailto:allison.kline.ctr@darpa.mil%20%3cmailto:allison.kline.ctr@darpa.mil>>>>;  
Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu) <  
<mailto:manos@gatech.edu><<mailto:manos@gatech.edu%20%3cmailto:manos@gatech.edu>>>>

Subject: Re: Addendum to HACCS

Michael,

Contract mod revising the SoW was sent to Dan Sibble this morning. Process going forward is:

- GTARC submits an REA proposal to CMO for an increase in contract ceiling
  
- DARPA reviews the REA and CMO negotiates the revised costs
  
- Contract mod issued increasing contract ceiling and provides incremental funding

As previously discussed, funds will not be available until November/December at the earliest. The funds currently on contract need to keep GT going through January. GT should clarify with CMO if the new subcontractors can begin work now or if the above process need to be completed first. If the former, GT needs to decide whether the current funding can support the existing work and new subcontractor costs into 2019.

Please let me know if you have any questions.

Tom

On Jul 17, 2018, at 2:28 PM, Mitchell, Michael F  
<[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)<<mailto:michael.mitchell@ece.gatech.edu> <  
<mailto:michael.mitchell@ece.gatech.edu%3cmichael.mitchell@ece.gatech.edu><<mailto:michael.mitchell@ece.gatech.edu><  
>> >> wrote:

Hey Tom and Allison,

I've had both Neustar and Enemies list reach out to me for updates on the HACCS program. They are eager to begin work on this project with Georgia Tech. Can you provide an estimate on when this addendum might be executed, or where in the process things are currently?

Thanks!

Michael Mitchell

Research Operations Program Manager

GEORGIA Institute

of TECHNOLOGY

School of Electrical and Computer Engineering

777 Atlantic Drive NW

Atlanta, GA 30332-0765

Phone: 404-385-8122

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, January 5, 2018 4:34:29 PM  
To: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: Adjacency matrix and active DNS authorization

Will do that.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
Sent: Friday, January 5, 2018 11:33:32 AM  
To: Antonakakis, Manos; Keromytis, Angelos  
Subject: RE: Adjacency matrix and active DNS authorization

Manos,

I think offering the ActiveDNS feeds makes sense. The slides are still marked Distribution C (if I remember correctly) so send them via AMRDEC or refer him to me and I can do so (makes your life easier).

Regards,  
Tejas

-----Original Message-----

From: Antonakakis, Manos [<mailto:manos@gatech.edu>]  
Sent: Friday, January 5, 2018 11:32 AM  
To: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: Adjacency matrix and active DNS authorization

OK Tejas that makes sense. Let me do the following then.

I will share with him the reduced slide deck, and tell him if he wants the full deck he will have to talk directly with you. This way, I have a reason to include you in the email and I am giving you an opportunity to have a deeper discussion about their needs and interests.

At the same time, I will offer him full access to the Active DNS data and the Kafka Stream.

Sounds like a plan?

-  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
Sent: Friday, January 5, 2018 11:27:09 AM  
To: Antonakakis, Manos; Keromytis, Angelos  
Subject: RE: Adjacency matrix and active DNS authorization

Manos:

That works for us. Most likely we will share the sharable slides you sent us but good to hear what he really wants. I didn't realize anyone from SPAWAR was in the audience.

Regards,  
Tejas

-----Original Message-----

From: Antonakakis, Manos [<mailto:manos@gatech.edu>]

Sent: Friday, January 5, 2018 11:03 AM

To: Keromytis, Angelos <[angelos.keromytis@darpa.mil](mailto:angelos.keromytis@darpa.mil)>; Patel, Tejas (contr-i2o) <[tejas.patel.ctr@darpa.mil](mailto:tejas.patel.ctr@darpa.mil)>

Subject: Fw: Adjacency matrix and active DNS authorization

Gents, do I send Kris your way?

-

Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: kris buchanan <[krisbuch@spawar.navy.mil](mailto:krisbuch@spawar.navy.mil)>

Sent: Friday, January 5, 2018 10:31 AM

To: Antonakakis, Manos

Subject: Adjacency matrix and active DNS authorization

Hi Manos,

I attended the Darpa meeting 1 DEC and watched your talk on active DNS with Adjacency matrices. The presentation was very interesting and I was hoping to get a copy of the slides if you'd be able to share these.

Kris

V/r

Kristopher R. Buchanan

CPT, SC, CYBER Ph.D, USN

Electromagnetics Technology Branch San Diego, CA

NIPR: [Kristopher.r.buchanan2.mil@mail.mil](mailto:Kristopher.r.buchanan2.mil@mail.mil) <<mailto:Kristopher.r.buchanan2.mil@mail.mil>>

[Kris.buchanan@navy.mil](mailto:Kris.buchanan@navy.mil) <<mailto:Kris.buchanan@navy.mil>>

SIPR: [Krisbuch@spawar.navy.smil.mil](mailto:Krisbuch@spawar.navy.smil.mil) <<mailto:Krisbuch@spawar.navy.smil.mil>>

JWICS: [Kristopher.r.buchanan.mil@army.ic.gov](mailto:Kristopher.r.buchanan.mil@army.ic.gov) <<mailto:Kristopher.r.buchanan.mil@army.ic.gov>>

Office: (619) 553-6128 Cell: (702) 287-6824

[\[https://ipmcdn.avast.com/images/icons/icon-envelope-tick-round-orange-animated-no-repeat-v1.gif\]](https://ipmcdn.avast.com/images/icons/icon-envelope-tick-round-orange-animated-no-repeat-v1.gif) <[https://www.avast.com/sig-email?utm\\_medium=email&utm\\_source=link&utm\\_campaign=sig-email&utm\\_content=emailclient&utm\\_term=icon](https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=icon)> Virus-free. [www.avast.com](https://www.avast.com) <[https://www.avast.com/sig-email?utm\\_medium=email&utm\\_source=link&utm\\_campaign=sig-email&utm\\_content=emailclient&utm\\_term=link](https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=link)>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, January 5, 2018 4:37:07 PM  
To: kris buchanan <krisbuch@spawar.navy.mil>; Patel, Tejas H CTR (US) <tejas.patel.ctr@darpa.mil>; Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>  
Subject: Re: Adjacency matrix and active DNS authorization

Hey Kris.

I have CCed Tejas and Angelos (the DARPA PM team) that can share the slide deck with you.

I will followup on a different email with my team, which will grant you access to the ActiveDNS datasets.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: kris buchanan <krisbuch@spawar.navy.mil>  
Sent: Friday, January 5, 2018 10:31 AM  
To: Antonakakis, Manos  
Subject: Adjacency matrix and active DNS authorization

Hi Manos,

I attended the Darpa meeting 1 DEC and watched your talk on active DNS with Adjacency matrices. The presentation was very interesting and I was hoping to get a copy of the slides if you'd be able to share these.

Kris

V/r

Kristopher R. Buchanan  
CPT, SC, CYBER Ph.D, USN  
Electromagnetics Technology Branch San Diego, CA  
NIPR: Kristopher.r.buchanan2.mil@mail.mil <mailto:Kristopher.r.buchanan2.mil@mail.mil>  
Kris.buchanan@navy.mil <mailto:Kris.buchanan@navy.mil>  
SIPR: Krisbuch@spawar.navy.smil.mil <mailto:Krisbuch@spawar.navy.smil.mil>  
JWICS: Kristopher.r.buchanan.mil@army.ic.gov <mailto:Kristopher.r.buchanan.mil@army.ic.gov>  
Office: (619) 553-6128 Cell: (702) 287-6824

<https://ipmcdn.avast.com/images/icons/icon-envelope-tick-round-orange-animated-no-repeat-v1.gif> <[https://www.avast.com/sig-email?utm\\_medium=email&utm\\_source=link&utm\\_campaign=sig-email&utm\\_content=emailclient&utm\\_term=icon](https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=icon)> Virus-free. [www.avast.com](https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=link) <[https://www.avast.com/sig-email?utm\\_medium=email&utm\\_source=link&utm\\_campaign=sig-email&utm\\_content=emailclient&utm\\_term=link](https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=link)>



From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Tuesday, October 23, 2018 10:26:36 PM  
To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
CC: schwab@isi.edu; manos@gatech.edu; Tejas Patel (tejas@kududyn.com) <tejas@kududyn.com>; jim.simpson (jim.simpson@cynnovative.com) <jim.simpson@cynnovative.com>  
Subject: Re: affidavit example

Merry Christmas! :)

Dr. Angelos D. Keromytis  
Program Manager  
DARPA / Information Innovation Office (I2O)  
675 N Randolph Street  
Arlington, VA 22203

(T) 571-218-4290  
(NSTS) 918-6691

(NIPR) angelos.keromytis@darpa.mil <mailto:angelos.keromytis@darpa.mil>  
(SIPR) angelos.keromytis@darpa.smil.mil <mailto:angelos.keromytis@darpa.smil.mil>  
(JWICS) angelos.keromytis@darpa.ic.gov <mailto:angelos.keromytis@darpa.ic.gov>

On Oct 23, 2018, at 5:15 PM, Schneck, Christopher (contr-i2o)  
<christopher.schneck.ctr@darpa.mil <mailto:christopher.schneck.ctr@darpa.mil>> wrote:

Steve,

Attached is a template the FBI uses for generating affidavits. Enjoy!

V/r,

Chris Schneck  
DARPA I2O SETA  
571-524-3821 (cell)  
918-6691

-----Original Message-----

From: Kealiher, Brandon (WF) (FBI) <bkealiher@fbi.gov <mailto:bkealiher@fbi.gov>>  
Sent: Tuesday, October 23, 2018 1:45 PM  
To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil <mailto:christopher.schneck.ctr@darpa.mil>>  
Cc: Hughes, Nolan E. (WF) (FBI) <nhughes@fbi.gov <mailto:nhughes@fbi.gov>>  
Subject: affidavit example

Hey Chris,

Please find attached the sample I meant to send on high side.

We're looking forward to having a more in depth discussion about how the EA tool can feed plain language narrative like this at your conference.

Let me know your questions in the meantime.

Best regards,  
Brandon

Brandon Kealiher  
Washington Field Office, FBI  
Cell: 202-439-9150  
Desk: 703-686-6674

<2703d Application and Order - Template [redacted].docx>

**From:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**Sent on:** Thursday, June 28, 2018 12:39:00 PM  
**To:** Tejas Patel<tejas@kududyn.com>  
**CC:** Schneck, Christopher (contr-i2o)<christopher.schneck.ctr@darpa.mil>; Kline, Allison (contr-i2o)<allison.kline.ctr@darpa.mil>; Jim Simpson<jim.simpson@cynnovative.com>; Manos Antonakakis<manos@gatech.edu>  
**Signed by:** KEROMYTIS.ANGELOS.D.1501999799 on Thursday, June 28, 2018 12:38:57 PM  
**Subject:** Re: AFOSI Meeting Time  
**Attachments:** Nameless.txt (2.55 KB)

No problem - I hadn't been expecting to have anything when the meeting as scheduled, so no harm. I agree with having something solid.

WRT technical questions, my suggestion would be to ask Kyle or his folks in CO - I suspect this would be the answer I'd get from today's meeting if I asked.

On Jun 27, 2018, at 23:56, Tejas Patel <[tejas@kududyn.com](mailto:tejas@kududyn.com)> wrote:

Angelos, Chris:

Jim and I just got off a long call with Manos regarding what we can provide you for your meeting tomorrow. The short answer is we are not in a position to provide you with results that can be thoroughly validated and vetted quickly and don't want to provide you presentation material that may be incorrect given that we are already a year behind in our relationship with AFOSI.

What Manos, Jim, and I are doing is setting up a common server for us to collaborate on. For the DNS portion of the data Manos has some suggestions on how we can pull out information that he can use to enrich in his cluster. Jim and I agree his recommendations are a better way forward. I believe this will prove to be a good tangible first step in integrating between the teams. It isn't ideal given the scheduled meeting tomorrow but we should be able to get you some things going forward that will merit a meeting with AFOSI.

We do have questions about how the data is collected that will affect how the analysis is done. A working session with their team would prove useful at this point. Can you bring this up during your meeting tomorrow?

Sorry we couldn't pull something presentable together before your meeting.

Regards,  
Tejas

Tejas Patel  
Principal investigator  
Kudu Dynamics  
+1 919-332-3191 (c)

[tejas@kududyn.com](mailto:tejas@kududyn.com)

On Wed, Jun 27, 2018 at 10:13 AM, Tejas Patel <[tejas@kududyn.com](mailto:tejas@kududyn.com)> wrote:

Chris:

Sounds good. We'll make sure to send you an encrypted mail with whatever we can find

tonight (probably late).

Regards,

Tejas

Tejas Patel

Principal investigator

Kudu Dynamics

+1 919-332-3191 (c)

[tejas@kududyn.com](mailto:tejas@kududyn.com)

On Wed, Jun 27, 2018 at 6:03 AM, Schneck, Christopher (contr-i2o) <[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)> wrote:

Meeting is at 10

On Jun 26, 2018, at 11:16 PM, Tejas Patel <[tejas@kududyn.com](mailto:tejas@kududyn.com)><mailto:[tejas@kududyn.com](mailto:tejas@kududyn.com)>> wrote:

Chris, Allison:

What time do you need slides for the AFOSI meeting on Thursday? Jim and I planned on working on them Wednesday evening.

Regards,

Tejad

Get Outlook for iOS<[hxxps://aka.ms/o0ukef](https://aka.ms/o0ukef)>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Thursday, November 2, 2017 4:26:46 PM

To: Antonakakis, Manos <manos@gatech.edu>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Thursday, November 2, 2017 4:26:45 PM

Subject: Re: also on case 2

Attachments: Nameless.txt (760 Bytes)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Thursday, November 2, 2017 4:25:24 PM

To: Antonakakis, Manos <manos@gatech.edu>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Thursday, November 2, 2017 4:25:23 PM

Subject: Re: also on case 2

Attachments: Nameless.txt (616 Bytes)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Thursday, November 2, 2017 4:30:45 PM

To: Antonakakis, Manos <manos@gatech.edu>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Thursday, November 2, 2017 4:30:44 PM

Subject: Re: also on case 2

Attachments: Nameless.txt (1.29 KB)

From: Angelos D. Keromytis [REDACTED] >

Sent on: Friday, April 27, 2018 9:29:31 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Romberg, Justin <jrom@ece.gatech.edu>; Williams, Douglas B <doug.williams@coe.gatech.edu>; Beck, Harry L <harry.beck@ece.gatech.edu>; Beyah, Raheem A <rbeyah@ece.gatech.edu>

Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

FWIW, "promised" means "committed to, in my offer letter".

> On Apr 27, 2018, at 16:12, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Justin, many thanks for your comments. I have incorporated most of them in the attached version.

>

> The only thing I did not incorporate is your point about at this point being only Angelos and I. This is a point of weakness, however, it is kind of hard to avoid it for two reasons.

>

> First, most of the faculty have been "recruited" by the various IIRs and signed up to move to Coda. I could act maliciously and try to strong-arm people to sign up, however I do not see any benefit from doing this. I would like people to want to participate in the new center because of the work we do, not because of political pressure.

>

> Second, I cannot sign up the 4 faculty that were promised to Angelos because simply they are future hires. I suspect however, that when COE promised these faculty to Angelos, they realized that they will need to be located somewhere. My understanding is that Angelos has communicated a very similar (to this center) vision to the Dean and the GRA folks -- with all of them being supportive and on the same page. Now, if the committee thinks that these promises (which are in his offer letter) are not enough, I am not quite sure what signal GT is sending to a very senior faculty like Angelos.

>

> Finally, and my apologies if I come across a bit arrogant or cynic, I can think of 43M hard and tangible reasons why this is a better proposal than all the other ones when it comes to utilizing vacated space. :)

>

> We are creating a new research area, we are building bridges with the IC that even GTRI does not have currently, we will be bring in new faculty to expand this new research area, we are self funding the center, the only thing we ask is enough space to place our people and hardware. To me, it looks like a very reasonable request --- especially when we are not requesting the newest and in highest demand space (see Coda).

>

> Fair?

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_

> From: Romberg, Justin

> Sent: Friday, April 27, 2018 3:44:54 PM

> To: Antonakakis, Manos

> Cc: Williams, Douglas B; Beck, Harry L; Angelos D. Keromytis; Beyah, Raheem A

> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>

> Hi Manos,

>

> Some feedback below ...

>

> -Justin

>



> —  
>  
> In "Vision and Justification":  
> This is good. To make it perfectly clear, you might want to label the paragraph(s) with a bolded  
> Strategic Vision:, Recent and Projected Growth:, Synergies with Industry and Government:, etc. This will leave no doubt  
that your proposal addresses all of these in a very strong way.  
>  
> The main pushback on this is going to be that there are only two concrete faculty associated with the neighborhood at  
this point in time. You might want to have some convincing specifics in the "Recent and Projected Growth" about the  
hiring strategy that Angelos/you have agreed on with ECE/CoE. The word "promise(d)" seems too informal in the places it  
appears; it makes an outsider wonder what the nature of the agreement is.  
>  
> I would use more direct language in the "Specific building requested". Just say  
> "We prefer to stay in Klaus because [insert reason]. We would also consider the Rich building if appropriate renovations  
can be made."  
>  
> It is unclear what "4x6" means in "Future Faculty Needs".  
>  
> In "Critical Adjacencies": If there is a specific research neighborhood in Klaus that you want to be adjacent to, you  
should state it.  
>  
>  
>  
>> On Apr 27, 2018, at 3:38 PM, Antonakakis, Manos <manos@gatech.edu> wrote:  
>>  
>> Sorry, didn't save before sending. This is the final.  
>>  
>> —  
>> Manos Antonakakis | manos@gatech.edu  
>> Georgia Institute of Technology  
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>>  
>>  
>> \_\_\_\_\_  
>> From: Antonakakis, Manos  
>> Sent: Friday, April 27, 2018 3:36:40 PM  
>> To: Williams, Douglas B  
>> Cc: Beck, Harry L; Romberg, Justin; Angelos D. Keromytis; Beyah, Raheem A  
>> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space  
>>  
>> Hey Doug,  
>>  
>> The application is revised per your request. We just need Raheem's signature at this point.  
>>  
>> Thanks,  
>>  
>> —  
>> Manos Antonakakis | manos@gatech.edu  
>> Georgia Institute of Technology  
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>>  
>>  
>> \_\_\_\_\_  
>> From: Williams, Douglas B  
>> Sent: Friday, April 27, 2018 3:23:11 PM  
>> To: Antonakakis, Manos  
>> Cc: Beck, Harry L; Romberg, Justin; Angelos D. Keromytis; Beyah, Raheem A

>> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>>

>> Manos -

>>

>> I don't believe it is necessary to request hoteling space in Coda. Several of the groups there, including IISP, will have hoteling space that you'd be able to use. I see where you added some more text about hoteling and the Rich server room, which is good. If it's possible to add another line for space needs (under the line for Future Faculty Needs) for a number of hoteling offices, that would be good, too. Just in case someone goes through the proposal and tabulates the list of spaces requested in that section, it would be good to have the hoteling request there.

>>

>> Regards,

>> Doug

>>

>> -----

>> Doug Williams

>> Professor and Associate Dean for Administration and Finance

>> College of Engineering

>> Georgia Institute of Technology

>> Atlanta, GA 30332-0360

>> 404-894-9832

>> doug.williams@gatech.edu<mailto:doug.williams@ece.gatech.edu>

>>

>> On Apr 27, 2018, at 2:53 PM, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

>>

>> Yeah, good point Harry.

>>

>> —

>> Manos Antonakakis | manos@gatech.edu<<mailto:manos@gatech.edu>>

>> Georgia Institute of Technology

>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>

>>

>> \_\_\_\_\_

>> From: Beck, Harry L

>> Sent: Friday, April 27, 2018 2:22:57 PM

>> To: Antonakakis, Manos; Williams, Douglas B; Romberg, Justin

>> Cc: Angelos D. Keromytis; Beyah, Raheem A

>> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>>

>> I do not know how we can request specific rooms at this point if we do not know which rooms are being vacated (i.e. Klaus).

>>

>>

>> Harry L. Beck

>>

>> Director of Operations

>>

>> School of Electrical & Computer Engineering

>>

>> Office 404-894-4733

>>

>> Cell 678-642-4680

>>

>>

>> \_\_\_\_\_

>> From: Antonakakis, Manos

>> Sent: Friday, April 27, 2018 2:10 PM

>> To: Williams, Douglas B; Beck, Harry L; Romberg, Justin  
>> Cc: Angelos D. Keromytis; Beyah, Raheem A  
>> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>>  
>> Actually, here we go.

>>  
>> Harry; added your text, and called out the datacenter rooms explicitly --- 133 is the normal, and the 133(b) is the secure space for Angelo's project. Had to change the text a bit to make it fit. Please take a look and let me know if you like it. Thanks.

>>  
>> Doug; called out the hoteling space at Klaus we want. Not sure what I should place for Coda, as I am not aware of room numbers etc.

>>  
>> Harry/Doug; should we be calling out the exact rooms and space we are requesting from Rich (outside the datacenter space) or not? I am not sure how precise we need to be with this. I can spend my Saturday matching our needs with exact rooms in Rich, because Harry sent me the floor-plans. However, with everything else going on at the moment, I rather not do that. What your advice would be?

>>  
>> Gentlemen, unless we Harry, Doug or Justin thinks we should add/change something, we are ready. We just need Raheem's signature.

>>  
>> Thanks,

>> —  
>> Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>  
>> Georgia Institute of Technology  
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>  
>> \_\_\_\_\_  
>> From: Antonakakis, Manos  
>> Sent: Friday, April 27, 2018 1:30:30 PM  
>> To: Williams, Douglas B  
>> Cc: Beck, Harry L; Angelos D. Keromytis; Beyah, Raheem A  
>> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>>  
>> Doug, thanks for the feedback. I will incorporate everything over the weekend and send this to you first thing Monday morning.

>>  
>> This way, we will give some time to Justin to provide some feedback (we are already talking with him in a different thread with Harry).

>>  
>> Many thanks,

>>  
>> —  
>> Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>  
>> Georgia Institute of Technology  
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>  
>> \_\_\_\_\_  
>> From: Williams, Douglas B  
>> Sent: Friday, April 27, 2018 1:18:23 PM  
>> To: Antonakakis, Manos  
>> Cc: Beck, Harry L; Angelos D. Keromytis; Beyah, Raheem A  
>> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>>

>> Manos -  
>>  
>> Here's the second page with my signature.  
>>  
>> Just saw Harry's comment. That looks good. I'll check with Didier to see if he and I should submit another backfill proposal to formally request the server room.  
>>  
>> Regarding the hoteling space, it would also be good to list the hoteling offices at the end of the list of space needs. That way, it won't get lost if someone is going through the proposals quickly and adding up the space requests.  
>>  
>> Justin Romberg is COE's representative on the campus space committee. If you want comments from him before submitting this proposal, I'm sure he'd be glad to read over it.  
>>  
>> I didn't see Raheem on your last email, but I've included him here so he can sign, too.  
>>  
>> Thanks,  
>> Doug  
>>  
>> -----  
>> Doug Williams  
>> Professor and Associate Dean for Administration and Finance  
>> College of Engineering  
>> Georgia Institute of Technology  
>> Atlanta, GA 30332-0360  
>> 404-894-9832  
>> doug.williams@gatech.edu<mailto:doug.williams@gatech.edu> <mailto:doug.williams@gatech.edu>  
>>  
>>  
>> On Apr 27, 2018, at 11:32 AM, Antonakakis, Manos  
<manos@gatech.edu<mailto:manos@gatech.edu> <mailto:manos@gatech.edu>> wrote:  
>>  
>> Thanks both of you for the feedback. Attached please find the application, signed by me (on behalf of Angelos cced -- he is on the road traveling at the moment).  
>>  
>> Once it is signed (Doug and Raheem?), I will submit it from my GT account.  
>>  
>> Thanks,  
>>  
>> —  
>> Manos Antonakakis | manos@gatech.edu<<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>>  
>> Georgia Institute of Technology  
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>>  
>>  
>> \_\_\_\_\_  
>> From: Beck, Harry L  
>> Sent: Friday, April 27, 2018 11:07:45 AM  
>> To: Williams, Douglas B  
>> Cc: Antonakakis, Manos  
>> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space  
>>  
>> Manos,  
>>  
>>  
>> While you are editing please put your name on line 2 as the contact in place of the neighborhood name. Thanks.  
>>  
>>

>> Harry L. Beck

>>

>> Director of Operations

>>

>> School of Electrical & Computer Engineering

>>

>> Office 404-894-4733

>>

>> Cell 678-642-4680

>>

>>

>> \_\_\_\_\_

>> From: Williams, Douglas B

>> Sent: Friday, April 27, 2018 10:44 AM

>> To: Beck, Harry L

>> Cc: Antonakakis, Manos

>> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>>

>> I think it would be better to submit individually. Manos is the lead contact, so it may be best for him to submit. Also, individuals can submit a maximum of 3 proposals, which limits how many I can submit. I can sign for College Dean spot at the bottom.

>>

>> Here are a few thoughts on the proposal:

>> - Manos should be listed as a faculty occupant, too.

>> - I think it would be good to ask for a few 'hoteling' offices. Wenke has asked about that possibility for IISP faculty who are based in Coda but will be visiting campus occasionally. Yesterday, GTRI also asked about hoteling space. Those offices would be good for interactions across campus in general. Also, if the neighborhood becomes squeezed for space in the future (given its growth, that's bound to happen) those offices could be used to accommodate expansion.

>> - No matter where this neighborhood is located, I think we should request one of OIT's server rooms in Rich. That would be good for this neighborhood, would allow the College to move out of the A. French server room, and could support future educational and research efforts in Rich. Do you think that would go better as part of this proposal or as a separate proposal?

>>

>> Thanks,

>> Doug

>>

>> -----

>> Doug Williams

>> Professor and Associate Dean for Administration and Finance

>> College of Engineering

>> Georgia Institute of Technology

>> Atlanta, GA 30332-0360

>> 404-894-9832

>>

doug.williams@gatech.edu <mailto:doug.williams@gatech.edu> <mailto:doug.williams@gatech.edu> <mailto:doug.williams@

>>

>> On Apr 27, 2018, at 9:06 AM, Beck, Harry L

<harry.beck@ece.gatech.edu <mailto:harry.beck@ece.gatech.edu> <mailto:harry.beck@ece.gatech.edu> <mailto:harry.beck@

wrote:

>>

>> Doug,

>>

>> What is the submission process ? Will you submit from COE or should we submit individually ?

>>

>> Let us know if you have suggested edits or not. Thanks.

>>

>> Harry L. Beck

>> Director of Operations  
>> School of Electrical & Computer Engineering  
>> Office 404-894-4733  
>> Cell 678-642-4680

>>  
>>  
>> \_\_\_\_\_  
>> From: Antonakakis, Manos  
>> Sent: Friday, April 27, 2018 8:25 AM  
>> To: Williams, Douglas B  
>> Cc: Beck, Harry L  
>> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>>  
>> Gentlemen, please find attached our application. The Vision text did not fit exactly, so I am attaching it in a separate document. You can trim whatever portion of it you think is not too important.

>>  
>> Harry, please let me know if you need anything else from me on this.

>>  
>> Thanks,

>>  
>> —  
>> Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu) <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>>

>> Georgia Institute of Technology  
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>  
>>  
>> \_\_\_\_\_  
>> From: Williams, Douglas B  
>> Sent: Monday, April 23, 2018 10:45:57 PM  
>> To: Antonakakis, Manos  
>> Cc: Beck, Harry L  
>> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>>  
>> I haven't gotten very far with this one, but I'd be glad to help. (There's a different, college-wide backfill proposal that is taking most of my time.)

>>  
>> I have some information regarding the space that will be vacated, if that will help. I'm not sure if it is really needed at this point, though. As Harry noted, something short would be good. I'm not sure how much space the form allows.

>>  
>> Thanks,

>> Doug

>>  
>> -----

>> Doug Williams  
>> Professor and Associate Dean for Administration and Finance  
>> College of Engineering  
>> Georgia Institute of Technology  
>> Atlanta, GA 30332-0360  
>> 404-894-9832

>>  
>> [doug.williams@gatech.edu](mailto:doug.williams@gatech.edu) <<mailto:doug.williams@gatech.edu>> <<mailto:doug.williams@gatech.edu>> <<mailto:doug.williams@gatech.edu>>

>>  
>> On Apr 23, 2018, at 2:00 PM, Antonakakis, Manos  
>> <[manos@gatech.edu](mailto:manos@gatech.edu)> <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>>  
>> wrote:

>>

>> OK, Harry thanks. I looked around the site and I found nothing related.

>>

>> I will keep it short -- a couple of pages.

>>

>> —

>> Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)<

<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>>

>> Georgia Institute of Technology

>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>

>>

>> \_\_\_\_\_

>> From: Beck, Harry L

>> Sent: Monday, April 23, 2018 1:53:35 PM

>> To: Antonakakis, Manos

>> Cc: Williams, Douglas B

>> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>>

>> My sense is that this is basically a white paper type of input. Per the solicitation it should include a documentation of the need and a strategic vision for the research neighborhood. It does mention a standard form being attached but I cannot find it. I will investigate and send it to you if I am able to locate it.

>>

>>

>> Harry L. Beck

>>

>> Director of Operations

>>

>> School of Electrical & Computer Engineering

>>

>> Office 404-894-4733

>>

>> Cell 678-642-4680

>>

>>

>> \_\_\_\_\_

>> From: Antonakakis, Manos

>> Sent: Monday, April 23, 2018 1:08 PM

>> To: Beck, Harry L

>> Cc: Williams, Douglas B

>> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>>

>> Harry, I was planning to work this week on this. Last few weeks was traveling and was too busy.

>>

>> Do we have a sense of how lengthy this needs to be and of any general template for the application?

>>

>> Thanks,

>>

>> —

>> Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)<

<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>>

>> Georgia Institute of Technology

>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>

>>

>> \_\_\_\_\_

>> From: Beck, Harry L

>> Sent: Monday, April 23, 2018 1:06:01 PM

>> To: Antonakakis, Manos  
>> Cc: Williams, Douglas B  
>> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space  
>>  
>> I thought you were working on it with input from Angelos. I have not done anything with it. Let's check with Doug (copied) to see if he wants ECE to do it or if he is planning on doing something for cyber at the COE level.  
>>  
>>  
>> Harry L. Beck  
>>  
>> Director of Operations  
>>  
>> School of Electrical & Computer Engineering  
>>  
>> Office 404-894-4733  
>>  
>> Cell 678-642-4680  
>>  
>>  
>> \_\_\_\_\_  
>> From: Antonakakis, Manos  
>> Sent: Monday, April 23, 2018 1:02 PM  
>> To: Beck, Harry L; Williams, Douglas B; Beyah, Raheem A  
>> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space  
>>  
>> Harry, do you still need me to come up with a proposal of this backfill space, of you will be handling that?  
>>  
>> Thanks,  
>>  
>> —  
>> Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu) <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>>  
>> Georgia Institute of Technology  
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>>  
>>  
>> \_\_\_\_\_  
>> From: Beck, Harry L  
>> Sent: Thursday, April 19, 2018 8:51:04 PM  
>> To: Williams, Douglas B; Beyah, Raheem A  
>> Cc: Antonakakis, Manos  
>> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space  
>>  
>> Just an aside, Brendan is now planning to move to CODA with Wenke. I found this out a week ago.  
>>  
>> Get Outlook for Android <<https://aka.ms/ghei36>>  
>>  
>> \_\_\_\_\_  
>> From: Beyah, Raheem A  
>> Sent: Thursday, April 19, 2018 6:26:10 PM  
>> To: Williams, Douglas B  
>> Cc: Antonakakis, Manos; Beck, Harry L  
>> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space  
>>  
>> Hi Doug,  
>>  
>> Please see my comments inline below:





>>  
>> Total  
>>  
>> Principal Investigator  
>>  
>> 1  
>>  
>> -  
>>  
>> -  
>>  
>> 1  
>>  
>> Support Staff  
>>  
>> 7  
>>  
>> 6  
>>  
>> -  
>>  
>> 13  
>>  
>> GRA  
>>  
>> 12  
>>  
>> 3  
>>  
>> -  
>>  
>> 15  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>> Principal Investigator  
>>  
>> -  
>>  
>> -  
>>  
>> 1  
>>  
>> 1  
>>  
>> Support Staff  
>>  
>> -  
>>

>> -  
>>  
>> 3  
>>  
>> 3  
>>  
>> GRA  
>>  
>> -  
>>  
>> -  
>>  
>> 6  
>>  
>> 6  
>>  
>> Totals  
>>  
>> 20  
>>  
>> 9  
>>  
>> 10  
>>  
>> 39  
>>  
>>  
>> Since cybersecurity is a growing field at Ga Tech, it is highly likely these figures could grow. Hence, I recommend an appropriate factor be added for growth.  
>>  
>> One of the requirements of the grant is that the research be conducted in a controlled access area. Hence, it is desirable for the team to be located within a contiguous area with controlled access.  
>>  
>> I assume we want to request more for Manos and Angelos, but how much more?  
>>  
>> RB>>Manos, we need your (and possibly Angelos' input here). Angelos will definitely have two support staff (accountant and admin) once he arrives. He envisions a large operation like Manos.  
>>  
>> I happened to talk with Vincent Mooney last week, and he gave me an idea of his need for expansion (lab space for his ROTC project and space for graduate students). Are there other cybersecurity faculty in Klaus who need more space?  
>>  
>> RB>>Yes, Brendan Saltaformaggio is having some early successes and is growing.  
>>  
>> Hiring for new faculty in cybersecurity has been stated as a top priority by CoC, ECE, and Ivan Allen College. We need to make sure we have room to add more research groups.  
>>  
>> RB>>Agreed. I think ECE has committed to hiring one security faculty member every other year for the next 6-8 yrs.  
>>  
>> How does all of this sound? Sorry that it is so poorly organized at this point.  
>>  
>> RB>>Sounds good. I like the overall strategy.  
>>  
>> Thanks,  
>> Doug  
>>  
>> -----  
>> Doug Williams

>> Professor and Associate Dean for Administration and Finance  
>> College of Engineering  
>> Georgia Institute of Technology  
>> Atlanta, GA 30332-0360  
>> 404-894-9832

>>  
doug.williams@gatech.edu <mailto:doug.williams@gatech.edu> <mailto:doug.williams@gatech.edu> <mailto:doug.williams@gatech.edu>

>>  
>>  
>> [<http://gatech.infoready4.com/PlatformServicesV2/Commons/getImage/e529218e-a6f5-4cb5-8b56-8dca69b47fa3.png>]  
>>

>> Application  
>>  
>> Management

>>  
>>  
>>  
>>  
>>  
>>  
>>

>> We are pleased to announce that we are now accepting applications for proposed Research Neighborhoods for Coda Backfill Space. Click on the link below to view more information or to apply. Thank you!

>>  
>>  
>> \* Internal Submission Deadline: Monday, April 30, 2018  
>> \* Award Cycle: 2018

>> \* Description:

>>  
>> Application for new or reconfigured research neighborhoods leveraging CODA backfill space

>>  
>> The space that will become available across campus when CODA opens creates a significant and unique opportunity to strategically allocate the available space for outstanding needs or new initiatives. All campus buildings and space are Institute assets, and space assignments will be determined through a holistic Institute approach. The Institute recognizes that, in typical operations, a small proportion of space (~5-10%) should be maintained within any portfolio (college, school, IRI, center, unit, etc.) to allow for personnel turnover and minor adjustment within the unit level. However, larger capital projects, particularly ones that free up considerable space, present opportunities for strategic realignment. The backfill space provided by the move to CODA represents this latter kind of opportunity.

>>  
>>  
>>  
>> Space Allocation Principles Related to CODA Backfill:

>>  
>> 1. Space will be allocated in such a way to co-locate research programs and personnel with overlapping areas of focus, creating thematic neighborhoods and encouraging collaboration.

>>  
>> 2. The remaining occupants of a building or unit may be reorganized strategically, allowing for consolidation, before the released space is reallocated.

>>  
>> 3. A subset of the released space may be reserved by the Institute as swing space for upcoming projects.

>>  
>> 4. Small amounts of space liberated by individuals moving to CODA may be retained by the units that previously controlled that space.

>>  
>>  
>>  
>> Research Neighborhood Proposal Process:

>>

>> • Any group of Georgia Tech faculty can apply for use of backfill space as a research neighborhood, not only those associated with the move to a new building or those adjacent to the vacated space.

>>

>> • Groups requesting allocation of the released space will need to demonstrate a documented need and a strategic vision as a research neighborhood. The request will be submitted using a standard application (attached to this solicitation), including approvals from school chairs and college deans to whom neighborhood faculty report, or directors of GTRI/IRIs, for faculty reporting to those units. Only requests that have the support of relevant chair(s), dean(s), and/or director(s) will proceed.

>>

>> • A faculty-led committee will review applications and make recommendations on strategic space reorganization and allocation, considering the principles established above.

>>

>> • The Space Committee consisting of the Provost, EVPR, and EVPA&F will approve or reject the recommendations.

>>

>> Faculty who wish to apply to locate a new or reconfigured research neighborhood in this space should complete the application available in the link below, with all required signatures and submit it through the GT internal competition system.

>>

>> Questions should be directed to the committee co-chairs, Julia Kubanek  
julia.kubanek@biosci.gatech.edu <mailto:julia.kubanek@biosci.gatech.edu> <mailto:julia.kubanek@biosci.gatech.edu> <mailto:julia.kubanek@biosci.gatech.edu> or Chris  
Joneschristopher.jones@chbe.gatech.edu <mailto:Joneschristopher.jones@chbe.gatech.edu> <mailto:Joneschristopher.jones@chbe.gatech.edu>

>>

>>

>>

>> View competition <<http://gatech.infoready4.com/CompetitionSpace/#competitionDetail/1770517>>

>>

>> <AntonakakisKeromytisSpaceApplication.pdf>

>>

>>

>> <AntonakakisKeromytisSpaceApplication\_v2.pdf>

>

> <AntonakakisKeromytisSpaceApplication\_v3.pdf>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Sunday, March 25, 2018 1:50:00 PM  
To: Lee, Wenke <wenke@cc.gatech.edu>; Angelos D. Keromytis [REDACTED]  
CC: Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; Doan, Trinh T <trinh.doan@iisp.gatech.edu>  
Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

Wenke, you are correct. In coordination with COE, we will be requesting space for the (current and future) attribution/security research in ECE. We have the support from the the college down to the department level --- I think we have a good chance to get enough space for both our office/lab space but also datacenter/infrastructure needs. If we need more pressure we will have to take you up on you offer to help.

That being said, both Angelos and I would love to remain heavily involved with the IISP --- so hoteling space at CODA sounds great.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Lee, Wenke  
Sent: Monday, March 19, 2018 1:46:28 PM  
To: Antonakakis, Manos; Angelos D. Keromytis  
Cc: Farrell, Michael D; Doan, Trinh T  
Subject: Fw: Announcing Research Neighborhood Application for Coda Backfill Space

I suppose the "group" requesting the space can be ECE (but that would seem to defeat the spirit of the announcement below) or your Attribution center/group (because that fits the definition of a "research neighborhood"). For the later, please let us know if we can help, e.g., adding more names (e.g., any SCS/ECE/GTRI folks interested in this area of research, even if they just need "hoteling" in your requested space) may bolster your case.

Wenke

---

From: Roche, Susan M  
Sent: Monday, March 19, 2018 12:01 PM  
Cc: Hanson, Crystal  
Subject: FW: Announcing Research Neighborhood Application for Coda Backfill Space

The message is being sent to all Deans, Chairs, ADRs and IRI Directors, via BCC.

Please share as appropriate.

<http://gatech.infoready4.com/PlatformServicesV2/Commons/getImage/e529218e-a6f5-4cb5-8b56-8dca69b47fa3.png>

Application

Management

We are pleased to announce that we are now accepting applications for proposed Research Neighborhoods for Coda Backfill Space. Click on the link below to view more information or to apply. Thank you!

\* Internal Submission Deadline: Monday, April 30, 2018

\* Award Cycle: 2018

\* Description:

Application for new or reconfigured research neighborhoods leveraging CODA backfill space

The space that will become available across campus when CODA opens creates a significant and unique opportunity to strategically allocate the available space for outstanding needs or new initiatives. All campus buildings and space are Institute assets, and space assignments will be determined through a holistic Institute approach. The Institute recognizes that, in typical operations, a small proportion of space (~5-10%) should be maintained within any portfolio (college, school, IRI, center, unit, etc.) to allow for personnel turnover and minor adjustment within the unit level. However, larger capital projects, particularly ones that free up considerable space, present opportunities for strategic realignment. The backfill space provided by the move to CODA represents this latter kind of opportunity.

Space Allocation Principles Related to CODA Backfill:

1. Space will be allocated in such a way to co-locate research programs and personnel with overlapping areas of focus, creating thematic neighborhoods and encouraging collaboration.
2. The remaining occupants of a building or unit may be reorganized strategically, allowing for consolidation, before the released space is reallocated.
3. A subset of the released space may be reserved by the Institute as swing space for upcoming projects.
4. Small amounts of space liberated by individuals moving to CODA may be retained by the units that previously controlled that space.

Research Neighborhood Proposal Process:

- Any group of Georgia Tech faculty can apply for use of backfill space as a research neighborhood, not only those associated with the move to a new building or those adjacent to the vacated space.
- Groups requesting allocation of the released space will need to demonstrate a documented need and a strategic vision as a research neighborhood. The request will be submitted using a standard application (attached to this solicitation), including approvals from school chairs and college deans to whom neighborhood faculty report, or directors of GTRI/IRIs, for faculty reporting to those units. Only requests that have the support of relevant chair(s), dean(s), and/or director(s) will proceed.

- A faculty-led committee will review applications and make recommendations on strategic space reorganization and allocation, considering the principles established above.
- The Space Committee consisting of the Provost, EVPR, and EVPA&F will approve or reject the recommendations.

Faculty who wish to apply to locate a new or reconfigured research neighborhood in this space should complete the application available in the link below, with all required signatures and submit it through the GT internal competition system.

Questions should be directed to the committee co-chairs, Julia Kubanek  
julia.kubanek@biosci.gatech.edu <mailto:julia.kubanek@biosci.gatech.edu> or Chris Jones  
christopher.jones@chbe.gatech.edu <mailto:christopher.jones@chbe.gatech.edu>

View competition <<http://gatech.infoready4.com/CompetitionSpace/#competitionDetail/1770517>>

Regards,

Susan Roche, MS, CRA

Research Administration Manager

Georgia Institute of Technology

Office of the Executive Vice President for Research

Evans Administration Building (Tech Tower) | Suite 001 | 225 North Avenue, NW | Atlanta, GA 30332-0325

404.894.8802 | susan.roche@gatech.edu <mailto:susan.roche@gatech.edu>



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, April 30, 2018 1:08:25 PM  
To: Romberg, Justin <jrom@ece.gatech.edu>  
CC: Williams, Douglas B <douq.williams@coe.gatech.edu>; Beck, Harry L <harry.beck@ece.gatech.edu>; Angelos D. Keromytis <[REDACTED]>; Beyah, Raheem A <rbeyah@ece.gatech.edu>  
Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

Harry, will you sign the last version I sent to Justin or Raheem will?

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Friday, April 27, 2018 4:12:04 PM  
To: Romberg, Justin  
Cc: Williams, Douglas B; Beck, Harry L; Angelos D. Keromytis; Beyah, Raheem A  
Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

Justin, many thanks for your comments. I have incorporated most of them in the attached version.

The only thing I did not incorporate is your point about at this point being only Angelos and I. This is a point of weakness, however, it is kind of hard to avoid it for two reasons.

First, most of the faculty have been "recruited" by the various IIRs and signed up to move to Coda. I could act maliciously and try to strong-arm people to sign up, however I do not see any benefit from doing this. I would like people to want to participate in the new center because of the work we do, not because of political pressure.

Second, I cannot sign up the 4 faculty that were promised to Angelos because simply they are future hires. I suspect however, that when COE promised these faculty to Angelos, they realized that they will need to be located somewhere. My understanding is that Angelos has communicated a very similar (to this center) vision to the Dean and the GRA folks -- with all of them being supportive and on the same page. Now, if the committee thinks that these promises (which are in his offer letter) are not enough, I am not quite sure what signal GT is sending to a very senior faculty like Angelos.

Finally, and my apologies if I come across a bit arrogant or cynic, I can think of 43M hard and tangible reasons why this is a better proposal than all the other ones when it comes to utilizing vacated space. :)

We are creating a new research area, we are building bridges with the IC that even GTRI does not have currently, we will be bring in new faculty to expand this new research area, we are self funding the center, the only thing we ask is enough space to place our people and hardware. To me, it looks like a very reasonable request --- especially when we are not requesting the newest and in highest demand space (see Coda).

Fair?

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Romberg, Justin  
Sent: Friday, April 27, 2018 3:44:54 PM  
To: Antonakakis, Manos  
Cc: Williams, Douglas B; Beck, Harry L; Angelos D. Keromytis; Beyah, Raheem A  
Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

Hi Manos,

Some feedback below ...

-Justin

—

In "Vision and Justification":

This is good. To make it perfectly clear, you might want to label the paragraph(s) with a bolded Strategic Vision:, Recent and Projected Growth:, Synergies with Industry and Government:, etc. This will leave no doubt that your proposal addresses all of these in a very strong way.

The main pushback on this is going to be that there are only two concrete faculty associated with the neighborhood at this point in time. You might want to have some convincing specifics in the "Recent and Projected Growth" about the hiring strategy that Angelos/you have agreed on with ECE/CoE. The word "promise(d)" seems too informal in the places it appears; it makes an outsider wonder what the nature of the agreement is.

I would use more direct language in the "Specific building requested". Just say "We prefer to stay in Klaus because [insert reason]. We would also consider the Rich building if appropriate renovations can be made."

It is unclear what "4x6" means in "Future Faculty Needs".

In "Critical Adjacencies": If there is a specific research neighborhood in Klaus that you want to be adjacent to, you should state it.

> On Apr 27, 2018, at 3:38 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Sorry, didn't save before sending. This is the final.

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_

> From: Antonakakis, Manos

> Sent: Friday, April 27, 2018 3:36:40 PM

> To: Williams, Douglas B

> Cc: Beck, Harry L; Romberg, Justin; Angelos D. Keromytis; Beyah, Raheem A

> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>

> Hey Doug,

>

> The application is revised per your request. We just need Raheem's signature at this point.

>

> Thanks,

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Williams, Douglas B  
> Sent: Friday, April 27, 2018 3:23:11 PM  
> To: Antonakakis, Manos  
> Cc: Beck, Harry L; Romberg, Justin; Angelos D. Keromytis; Beyah, Raheem A  
> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>  
> Manos -  
>  
> I don't believe it is necessary to request hoteling space in Coda. Several of the groups there, including IISP, will have hoteling space that you'd be able to use. I see where you added some more text about hoteling and the Rich server room, which is good. If it's possible to add another line for space needs (under the line for Future Faculty Needs) for a number of hoteling offices, that would be good, too. Just in case someone goes through the proposal and tabulates the list of spaces requested in that section, it would be good to have the hoteling request there.

>  
> Regards,  
> Doug  
>  
> -----  
> Doug Williams  
> Professor and Associate Dean for Administration and Finance  
> College of Engineering  
> Georgia Institute of Technology  
> Atlanta, GA 30332-0360  
> 404-894-9832  
> doug.williams@gatech.edu <mailto:doug.williams@ece.gatech.edu>

>  
> On Apr 27, 2018, at 2:53 PM, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

>  
> Yeah, good point Harry.

>  
> —  
> Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Beck, Harry L  
> Sent: Friday, April 27, 2018 2:22:57 PM  
> To: Antonakakis, Manos; Williams, Douglas B; Romberg, Justin  
> Cc: Angelos D. Keromytis; Beyah, Raheem A  
> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>  
> I do not know how we can request specific rooms at this point if we do not know which rooms are being vacated (i.e. Klaus).

>  
>  
> Harry L. Beck

>

> Director of Operations

>

> School of Electrical & Computer Engineering

>

> Office 404-894-4733

>

> Cell 678-642-4680

>

>

> \_\_\_\_\_

> From: Antonakakis, Manos

> Sent: Friday, April 27, 2018 2:10 PM

> To: Williams, Douglas B; Beck, Harry L; Romberg, Justin

> Cc: Angelos D. Keromytis; Beyah, Raheem A

> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>

> Actually, here we go.

>

> Harry; added your text, and called out the datacenter rooms explicitly --- 133 is the normal, and the 133(b) is the secure space for Angelo's project. Had to change the text a bit to make it fit. Please take a look and let me know if you like it.

Thanks.

>

> Doug; called out the hoteling space at Klaus we want. Not sure what I should place for Coda, as I am not aware of room numbers etc.

>

> Harry/Doug; should we be calling out the exact rooms and space we are requesting from Rich (outside the datacenter space) or not? I am not sure how precise we need to be with this. I can spend my Saturday matching our needs with exact rooms in Rich, because Harry sent me the floor-plans. However, with everything else going on at the moment, I rather not do that. What your advice would be?

>

> Gentlemen, unless we Harry, Doug or Justin thinks we should add/change something, we are ready. We just need Raheem's signature.

>

> Thanks,

>

> —

> Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_

> From: Antonakakis, Manos

> Sent: Friday, April 27, 2018 1:30:30 PM

> To: Williams, Douglas B

> Cc: Beck, Harry L; Angelos D. Keromytis; Beyah, Raheem A

> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>

> Doug, thanks for the feedback. I will incorporate everything over the weekend and send this to you first thing Monday morning.

>

> This way, we will give some time to Justin to provide some feedback (we are already talking with him in a different thread with Harry).

>

> Many thanks,

>

> —

> Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

>

> From: Williams, Douglas B

> Sent: Friday, April 27, 2018 1:18:23 PM

> To: Antonakakis, Manos

> Cc: Beck, Harry L; Angelos D. Keromytis; Beyah, Raheem A

> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>

> Manos -

>

> Here's the second page with my signature.

>

> Just saw Harry's comment. That looks good. I'll check with Didier to see if he and I should submit another backfill proposal to formally request the server room.

>

> Regarding the hoteling space, it would also be good to list the hoteling offices at the end of the list of space needs. That way, it won't get lost if someone is going through the proposals quickly and adding up the space requests.

>

> Justin Romberg is COE's representative on the campus space committee. If you want comments from him before submitting this proposal, I'm sure he'd be glad to read over it.

>

> I didn't see Raheem on your last email, but I've included him here so he can sign, too.

>

> Thanks,

> Doug

>

> -----

> Doug Williams

> Professor and Associate Dean for Administration and Finance

> College of Engineering

> Georgia Institute of Technology

> Atlanta, GA 30332-0360

> 404-894-9832

> doug.williams@gatech.edu <<mailto:doug.williams@gatech.edu>> <<mailto:doug.williams@gatech.edu>>

>

>

> On Apr 27, 2018, at 11:32 AM, Antonakakis, Manos

<[manos@gatech.edu](mailto:manos@gatech.edu) <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>> > wrote:

>

> Thanks both of you for the feedback. Attached please find the application, signed by me (on behalf of Angelos cced --- he is on the road traveling at the moment).

>

> Once it is signed (Doug and Raheem?), I will submit it from my GT account.

>

> Thanks,

>

> —

> Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>>

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_

> From: Beck, Harry L  
> Sent: Friday, April 27, 2018 11:07:45 AM  
> To: Williams, Douglas B  
> Cc: Antonakakis, Manos  
> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>  
> Manos,  
>  
>  
> While you are editing please put your name on line 2 as the contact in place of the neighborhood name. Thanks.

>  
> Harry L. Beck  
>  
> Director of Operations  
>  
> School of Electrical & Computer Engineering  
>  
> Office 404-894-4733  
>  
> Cell 678-642-4680

> \_\_\_\_\_  
> From: Williams, Douglas B  
> Sent: Friday, April 27, 2018 10:44 AM  
> To: Beck, Harry L  
> Cc: Antonakakis, Manos  
> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>  
> I think it would be better to submit individually. Manos is the lead contact, so it may be best for him to submit. Also, individuals can submit a maximum of 3 proposals, which limits how many I can submit. I can sign for College Dean spot at the bottom.

>  
> Here are a few thoughts on the proposal:  
> - Manos should be listed as a faculty occupant, too.  
> - I think it would be good to ask for a few 'hoteling' offices. Wenke has asked about that possibility for IISP faculty who are based in Coda but will be visiting campus occasionally. Yesterday, GTRI also asked about hoteling space. Those offices would be good for interactions across campus in general. Also, if the neighborhood becomes squeezed for space in the future (given its growth, that's bound to happen) those offices could be used to accommodate expansion.  
> - No matter where this neighborhood is located, I think we should request one of OIT's server rooms in Rich. That would be good for this neighborhood, would allow the College to move out of the A. French server room, and could support future educational and research efforts in Rich. Do you think that would go better as part of this proposal or as a separate proposal?

>  
> Thanks,  
> Doug

> -----  
> Doug Williams  
> Professor and Associate Dean for Administration and Finance  
> College of Engineering  
> Georgia Institute of Technology  
> Atlanta, GA 30332-0360  
> 404-894-9832

>  
doug.williams@gatech.edu <mailto:doug.williams@gatech.edu> <mailto:doug.williams@gatech.edu> <mailto:doug.williams@



> Professor and Associate Dean for Administration and Finance  
> College of Engineering  
> Georgia Institute of Technology  
> Atlanta, GA 30332-0360  
> 404-894-9832  
>  
> doug.williams@gatech.edu <mailto:doug.williams@gatech.edu> <mailto:doug.williams@gatech.edu> <mailto:doug.williams@>  
>  
> On Apr 23, 2018, at 2:00 PM, Antonakakis, Manos  
<manos@gatech.edu <mailto:manos@gatech.edu> <mailto:manos@gatech.edu> <mailto:manos@gatech.edu> <mailto:manos@>  
wrote:  
>  
> OK, Harry thanks. I looked around the site and I found nothing related.  
>  
> I will keep it short -- a couple of pages.  
>  
> —  
> Manos Antonakakis | manos@gatech.edu <  
<mailto:manos@gatech.edu>> <mailto:manos@gatech.edu> <mailto:manos@gatech.edu> <mailto:manos@gatech.edu>  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>  
>  
> \_\_\_\_\_  
> From: Beck, Harry L  
> Sent: Monday, April 23, 2018 1:53:35 PM  
> To: Antonakakis, Manos  
> Cc: Williams, Douglas B  
> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space  
>  
> My sense is that this is basically a white paper type of input. Per the solicitation it should include a documentation of  
the need and a strategic vision for the research neighborhood. It does mention a standard form being attached but I  
cannot find it. I will investigate and send it to you if I am able to locate it.  
>  
>  
> Harry L. Beck  
>  
> Director of Operations  
>  
> School of Electrical & Computer Engineering  
>  
> Office 404-894-4733  
>  
> Cell 678-642-4680  
>  
>  
> \_\_\_\_\_  
> From: Antonakakis, Manos  
> Sent: Monday, April 23, 2018 1:08 PM  
> To: Beck, Harry L  
> Cc: Williams, Douglas B  
> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space  
>  
> Harry, I was planning to work this week on this. Last few weeks was traveling and was too busy.  
>  
> Do we have a sense of how lengthy this needs to be and of any general template for the application?  
>



> Thanks,  
>  
> —  
> Manos Antonakakis | manos@gatech.edu <  
<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>>  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Beck, Harry L  
> Sent: Monday, April 23, 2018 1:06:01 PM  
> To: Antonakakis, Manos  
> Cc: Williams, Douglas B  
> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>  
> I thought you were working on it with input from Angelos. I have not done anything with it. Let's check with Doug (copied) to see if he wants ECE to do it or if he is planning on doing something for cyber at the COE level.

>  
>  
> Harry L. Beck  
>  
> Director of Operations  
>  
> School of Electrical & Computer Engineering  
>  
> Office 404-894-4733  
>  
> Cell 678-642-4680

>  
>  
> \_\_\_\_\_  
> From: Antonakakis, Manos  
> Sent: Monday, April 23, 2018 1:02 PM  
> To: Beck, Harry L; Williams, Douglas B; Beyah, Raheem A  
> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>  
> Harry, do you still need me to come up with a proposal of this backfill space, of you will be handling that?

>  
> Thanks,  
>  
> —  
> Manos Antonakakis | manos@gatech.edu <  
<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu>>  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Beck, Harry L  
> Sent: Thursday, April 19, 2018 8:51:04 PM  
> To: Williams, Douglas B; Beyah, Raheem A  
> Cc: Antonakakis, Manos  
> Subject: Re: Announcing Research Neighborhood Application for Coda Backfill Space

>  
> Just an aside, Brendan is now planning to move to CODA with Wenke. I found this out a week ago.

>



> How much space should we request? Here is the information that Dave Stoutamire put together earlier for Manos and Angelos's relatively near term needs:

>

> Please see the chart below which summarizes the requirements.

>

>

>

> Current Manos Team

>

> Manos Increase Due to Grant

>

> Planned Angelos Team

>

> Total

>

> Principal Investigator

>

> 1

>

> -

>

> -

>

> 1

>

> Support Staff

>

> 7

>

> 6

>

> -

>

> 13

>

> GRA

>

> 12

>

> 3

>

> -

>

> 15

>

>

>

>

>

>

>

>

>

>

>

> Principal Investigator

>

> -  
>  
> -  
>  
> 1  
>  
> 1  
>  
> Support Staff

>  
> -  
>  
> -  
>  
> 3  
>  
> 3  
>  
> GRA

>  
> -  
>  
> -  
>  
> 6  
>  
> 6  
>  
> Totals

>  
> 20  
>  
> 9  
>  
> 10  
>  
> 39

>  
>  
> Since cybersecurity is a growing field at Ga Tech, it is highly likely these figures could grow. Hence, I recommend an appropriate factor be added for growth.

>  
> One of the requirements of the grant is that the research be conducted in a controlled access area. Hence, it is desirable for the team to be located within a contiguous area with controlled access.

>  
> I assume we want to request more for Manos and Angelos, but how much more?

>  
> RB>>Manos, we need your (and possibly Angelos' input here). Angelos will definitely have two support staff (accountant and admin) once he arrives. He envisions a large operation like Manos.

>  
> I happened to talk with Vincent Mooney last week, and he gave me an idea of his need for expansion (lab space for his ROTC project and space for graduate students). Are there other cybersecurity faculty in Klaus who need more space?

>  
> RB>>Yes, Brendan Saltaformaggio is having some early successes and is growing.

>  
> Hiring for new faculty in cybersecurity has been stated as a top priority by CoC, ECE, and Ivan Allen College. We need to make sure we have room to add more research groups.

>  
> RB> >Agreed. I think ECE has committed to hiring one security faculty member every other year for the next 6-8 yrs.  
>  
> How does all of this sound? Sorry that it is so poorly organized at this point.  
>  
> RB> >Sounds good. I like the overall strategy.  
>  
> Thanks,  
> Doug  
>  
> -----  
> Doug Williams  
> Professor and Associate Dean for Administration and Finance  
> College of Engineering  
> Georgia Institute of Technology  
> Atlanta, GA 30332-0360  
> 404-894-9832  
>  
> doug.williams@gatech.edu <mailto:doug.williams@gatech.edu> <mailto:doug.williams@gatech.edu> <mailto:doug.williams@>  
>  
>  
> [<http://gatech.infoready4.com/PlatformServicesV2/Commons/getImage/e529218e-a6f5-4cb5-8b56-8dca69b47fa3.png>]  
>  
> Application  
>  
> Management  
>  
>  
>  
>  
>  
>  
>  
> We are pleased to announce that we are now accepting applications for proposed Research Neighborhoods for Coda Backfill Space. Click on the link below to view more information or to apply. Thank you!  
>  
>  
> \* Internal Submission Deadline: Monday, April 30, 2018  
> \* Award Cycle: 2018  
> \* Description:  
>  
> Application for new or reconfigured research neighborhoods leveraging CODA backfill space  
>  
> The space that will become available across campus when CODA opens creates a significant and unique opportunity to strategically allocate the available space for outstanding needs or new initiatives. All campus buildings and space are Institute assets, and space assignments will be determined through a holistic Institute approach. The Institute recognizes that, in typical operations, a small proportion of space (~5-10%) should be maintained within any portfolio (college, school, IRI, center, unit, etc.) to allow for personnel turnover and minor adjustment within the unit level. However, larger capital projects, particularly ones that free up considerable space, present opportunities for strategic realignment. The backfill space provided by the move to CODA represents this latter kind of opportunity.  
>  
>  
>  
> Space Allocation Principles Related to CODA Backfill:  
>  
> 1. Space will be allocated in such a way to co-locate research programs and personnel with overlapping areas of focus, creating thematic neighborhoods and encouraging collaboration.  
>

> 2. The remaining occupants of a building or unit may be reorganized strategically, allowing for consolidation, before the released space is reallocated.

>

> 3. A subset of the released space may be reserved by the Institute as swing space for upcoming projects.

>

> 4. Small amounts of space liberated by individuals moving to CODA may be retained by the units that previously controlled that space.

>

>

>

> Research Neighborhood Proposal Process:

>

> • Any group of Georgia Tech faculty can apply for use of backfill space as a research neighborhood, not only those associated with the move to a new building or those adjacent to the vacated space.

>

> • Groups requesting allocation of the released space will need to demonstrate a documented need and a strategic vision as a research neighborhood. The request will be submitted using a standard application (attached to this solicitation), including approvals from school chairs and college deans to whom neighborhood faculty report, or directors of GTRI/IRIs, for faculty reporting to those units. Only requests that have the support of relevant chair(s), dean(s), and/or director(s) will proceed.

>

> • A faculty-led committee will review applications and make recommendations on strategic space reorganization and allocation, considering the principles established above.

>

> • The Space Committee consisting of the Provost, EVPR, and EVPA&F will approve or reject the recommendations.

>

> Faculty who wish to apply to locate a new or reconfigured research neighborhood in this space should complete the application available in the link below, with all required signatures and submit it through the GT internal competition system.

>

> Questions should be directed to the committee co-chairs, Julia Kubanek

julia.kubanek@biosci.gatech.edu <mailto:julia.kubanek@biosci.gatech.edu> <mailto:julia.kubanek@biosci.gatech.edu> <mailto:julia.kubanek@biosci.gatech.edu> <mailto:julia.kubanek@biosci.gatech.edu> or Chris

Joneschristopher.jones@chbe.gatech.edu <mailto:Joneschristopher.jones@chbe.gatech.edu> <mailto:Joneschristopher.jones@chbe.gatech.edu> <mailto:Joneschristopher.jones@chbe.gatech.edu>

>

>

>

> View competition <<http://gatech.infoready4.com/CompetitionSpace/#competitionDetail/1770517>>

>

> <AntonakakisKeromytisSpaceApplication.pdf>

>

>

> <AntonakakisKeromytisSpaceApplication\_v2.pdf>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, November 27, 2018 6:13:14 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: Apple Watch

In DC, sorry Arxige.

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent: Tuesday, November 27, 2018 12:50:03 PM  
To: Antonakakis, Manos  
Subject: Apple Watch

If you're still at GT, can you get my Apple Watch from Will and bring it with you? (If not, no big deal.)  
Thanks,  
-Angelos

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Tuesday, November 27, 2018 8:01:29 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: Apple Watch

No problem.

Dr. Angelos D. Keromytis  
Program Manager  
DARPA / Information Innovation Office (I2O)  
675 N Randolph Street  
Arlington, VA 22203

(T) 571-218-4290  
(NSTS) 918-6691

(NIPR) angelos.keromytis@darpa.mil <mailto:angelos.keromytis@darpa.mil>  
(SIPR) angelos.keromytis@darpa.smil.mil <mailto:angelos.keromytis@darpa.smil.mil>  
(JWICS) angelos.keromytis@darpa.ic.gov <mailto:angelos.keromytis@darpa.ic.gov>

On Nov 27, 2018, at 1:13 PM, Antonakakis, Manos <manos@gatech.edu <mailto:manos@gatech.edu>> wrote:

In DC, sorry Arxige.

—  
Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil <mailto:angelos.keromytis@darpa.mil>>  
Sent: Tuesday, November 27, 2018 12:50:03 PM  
To: Antonakakis, Manos  
Subject: Apple Watch

If you're still at GT, can you get my Apple Watch from Will and bring it with you? (If not, no big deal.)  
Thanks,  
-Angelos



From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Wednesday, April 25, 2018 12:20:07 AM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; tejas@kududyn.com; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Wednesday, April 25, 2018 12:20:06 AM

Subject: Re: Army data for attribution analysis at GT (Manos)

Attachments: Nameless.txt (1.13 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Tuesday, April 24, 2018 11:59:03 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; tejas@kududyn.com; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, April 24, 2018 11:59:03 PM

Subject: Re: Army data for attribution analysis at GT (Manos)

Attachments: Nameless.txt (3.84 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, April 25, 2018 7:21:45 PM  
To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>  
CC: Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; tejas@kududyn.com  
Subject: Re: Army data for attribution analysis at GT (Manos)

In those clusters and interwebs we trust!

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Sent: Wednesday, April 25, 2018 2:19:34 PM  
To: Antonakakis, Manos; Keromytis, Angelos  
Cc: Farrell, Michael D; tejas@kududyn.com  
Subject: RE: Army data for attribution analysis at GT (Manos)

The DARPA cluster beat you to the punch. We were able to link the tall skinny persona to the individual Jason Stambaugh hours ago. :)

Chris Schneck  
DARPA I2O SETA  
Office: 571-218-4429  
Cell: 571-524-3821

-----Original Message-----

From: Antonakakis, Manos <manos@gatech.edu>  
Sent: Wednesday, April 25, 2018 2:16 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Cc: Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; tejas@kududyn.com; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Subject: Re: Army data for attribution analysis at GT (Manos)

STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>

To be precise --- he just emailed me. :)

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent: Tuesday, April 24, 2018 8:20:07 PM  
To: Antonakakis, Manos  
Cc: Farrell, Michael D; tejas@kududyn.com; Schneck, Christopher (contr-i2o)  
Subject: Re: Army data for attribution analysis at GT (Manos)

The San Antonio person was AFOSI.

> On Apr 24, 2018, at 20:13, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Cool.

>

> Chris, I would suggest we invite the following people:

> - The guys from Cyber Protection Brigade (Whalen, Daniel J CW2 USARMY CYBER PRO BDE (US) <daniel.j.whalen14.mil@mail.mil> and his team).

> - The guys from NSA at FG (Wilson, Ryan D CIV (US) <ryan.d.wilson38.civ@mail.mil>, Tran, T T CIV (US) <thaothanh.t.tran.civ@mail.mil> and their teams).

> - The guys from FM. I guess Michael can help you with the names or you can reach to Scott (scotttaylor31415@gmail.com) to get them directly.

>

> There was a gentleman in the HACCS meeting from an Air Base in San Antonio \*very interested\* in our APT28/Sofacy analysis. He asked me if he can attend the next EA PI meeting, and I said sure. He had no card on him and I am do not remember his name. If someone can identify who this tall, skinny guy was, we should invite him as well.

>

> Michael, am I forgetting anyone?

>

> -

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, April 25, 2018 1:16:57 AM  
To: Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>  
CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>; tejas@kududyn.com; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Subject: Re: Army data for attribution analysis at GT (Manos)

Perhaps we invite the local FBI folks? Chad and team?

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Farrell, Michael <Michael.Farrell@gtri.gatech.edu>  
Sent: Tuesday, April 24, 2018 8:15:15 PM  
To: Antonakakis, Manos  
Cc: Keromytis, Angelos; tejas@kududyn.com; Schneck, Christopher (contr-i2o)  
Subject: Re: Army data for attribution analysis at GT (Manos)

This is a good list. We can always add more as we remember or discover them.

The room holds 100 snugly, 80 comfortably.

—MF

> On Apr 25, 2018, at 01:13, Antonakakis, Emmanouil K <manos@gatech.edu> wrote:

>

> Cool.

>

> Chris, I would suggest we invite the following people:

> - The guys from Cyber Protection Brigade (Whalen, Daniel J CW2 USARMY CYBER PRO BDE (US) <daniel.j.whalen14.mil@mail.mil> and his team).

> - The guys from NSA at FG (Wilson, Ryan D CIV (US) <ryan.d.wilson38.civ@mail.mil>, Tran, T T CIV (US) <thaothanh.t.tran.civ@mail.mil> and their teams).

> - The guys from FM. I guess Michael can help you with the names or you can reach to Scott (scotttaylor31415@gmail.com) to get them directly.

>

> There was a gentleman in the HACCS meeting from an Air Base in San Antonio \*very interested\* in our APT28/Sofacy analysis. He asked me if he can attend the next EA PI meeting, and I said sure. He had no card on him and I am do not remember his name. If someone can identify who this tall, skinny guy was, we should invite him as well.

>

> Michael, am I forgetting anyone?

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Wednesday, April 25, 2018 12:20:30 AM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; tejas@kududyn.com; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Wednesday, April 25, 2018 12:20:29 AM

Subject: Re: Army data for attribution analysis at GT (Manos)

Attachments: Nameless.txt (1.86 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, August 30, 2018 9:47:49 PM  
To: Riley, Theresa <Theresa.Riley@team.neustar>; Joffe, Rodney <Rodney.Joffe@team.neustar>  
Subject: Re: Availability for tomorrow with Venkat

Theresa, I can do 15.00-16.00 ET tomorrow.

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Riley, Theresa <Theresa.Riley@team.neustar>  
Sent: Thursday, August 30, 2018 4:46:34 PM  
To: Antonakakis, Manos; Joffe, Rodney  
Subject: Availability for tomorrow with Venkat

Good afternoon gentlemen. Venkat would like to have a call either from 2:00 – 3:00 p.m. Eastern or 3:00 – 4:00 p.m. Eastern. Would you be able to accommodate either of those times tomorrow?

Please let me know and I will send out a calendar invite.

Thanks,  
Theresa

From: Angelos D. Keromytis [REDACTED] >  
Sent on: Wednesday, May 2, 2018 10:33:01 AM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: Re: Blackhat and DoD

That depends on what they (MS) want to do. As far as I know, JEDI is more on cloud infrastructure and the mechanics of data access than on actual analytics, but I could be wrong.

> On May 1, 2018, at 4:34 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> Any idea what this JEDI project is all about? If yes, do we want to work with MS on this?

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Gunter Ollmann [REDACTED]  
> Sent: Tuesday, May 1, 2018 1:15 PM  
> To: Antonakakis, Manos  
> Subject: Blackhat and DoD

>  
> Hey Manos,  
>  
> How are you doing? I hope things are going well and you're not having to travel too much. I'm doing a fair bit of conference travel last month and this month but will have the kids for the first 6 weeks of Summer vacation this year - so no work travel during that time! (although I'll be taking the kids to LA for a week to see Disneyland and Hollywood, and probably a few days crossing the border in to Vancouver too... but that'll be fun for me and the kids).

>  
> Will you be making it to Blackhat/DEFCON this year? Figured I'd ask again... my annual reminder that such an event exists :-)  
>  
> Also - are you aware of this big \$10b DoD JEDI strategy for cyber threat intelligence?  
<https://fcw.com/articles/2018/04/27/jedi-senate-justify.aspx>

> I thought you may be pulling together something for it. If not, maybe it'll be interesting to you if you can work through a major partner.  
>  
> Take care.  
>  
> Cheers,  
>  
> Gunter



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, May 2, 2018 11:12:37 AM  
To: Angelos D. Keromytis [REDACTED]  
Subject: Re: Blackhat and DoD

Let me figure out more.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Angelos D. Keromytis [REDACTED]  
Sent: Wednesday, May 2, 2018 5:33:01 AM  
To: Antonakakis, Manos  
Subject: Re: Blackhat and DoD

That depends on what they (MS) want to do. As far as I know, JEDI is more on cloud infrastructure and the mechanics of data access than on actual analytics, but I could be wrong.

> On May 1, 2018, at 4:34 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> Any idea what this JEDI project is all about? If yes, do we want to work with MS on this?

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> From: Gunter Ollmann [REDACTED]  
> Sent: Tuesday, May 1, 2018 1:15 PM  
> To: Antonakakis, Manos  
> Subject: Blackhat and DoD

> Hey Manos,

>  
> How are you doing? I hope things are going well and you're not having to travel too much. I'm doing a fair bit of conference travel last month and this month but will have the kids for the first 6 weeks of Summer vacation this year - so no work travel during that time! (although I'll be taking the kids to LA for a week to see Disneyland and Hollywood, and probably a few days crossing the border in to Vancouver too... but that'll be fun for me and the kids).

>  
> Will you be making it to Blackhat/DEFCON this year? Figured I'd ask again... my annual reminder that such an event exists :-)

>  
> Also - are you aware of this big \$10b DoD JEDI strategy for cyber threat intelligence?

<https://fcw.com/articles/2018/04/27/jedi-senate-justify.aspx>

> I thought you may be pulling together something for it. If not, maybe it'll be interesting to you if you can work through a major partner.

>  
> Take care.

>

> Cheers,  
>  
> Gunter

From: Angelos D. Keromytis [REDACTED]  
Sent on: Friday, November 9, 2018 12:28:30 AM  
To: dagon [REDACTED]  
CC: Farrell, Michael <Michael.Farrell@gtri.gatech.edu>; Manos Antonakakis <manos@gatech.edu>  
Subject: Re: Briefing synch  
Attachments: signature.asc (499 Bytes)

OK

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, November 28, 2018 9:37:15 PM  
To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: Call w/ Brian Pierce

My bad. I am losing my mind.

Apologies.

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Sent: Wednesday, November 28, 2018 4:34:29 PM  
To: Antonakakis, Manos  
Cc: Keromytis, Angelos  
Subject: Re: Call w/ Brian Pierce

Dude, I called and gave you a heads up on this already. FBI case related

> On Nov 28, 2018, at 4:28 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Gents, any idea what this is about?

>

> Thanks,

>

> —

> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_

> From: Wilkerson, Kiely (contr-i2o) <Christine.Wilkerson.ctr@darpa.mil>  
> Sent: Wednesday, November 28, 2018 4:12 PM  
> To: Antonakakis, Manos  
> Cc: Buggs, Ashley (contr-i2o)  
> Subject: Call w/ Brian Pierce

>

> Sir,

>

> Brian Pierce (I2O Office Director) would like to chat briefly this week.

>

> Are you available on Friday, November 30 at 1030 for a phone call?

>

> Kiely

>

> Kiely Wilkerson  
> DARPA I2O SETA

> (571) 218 - 4821 office

> (571) 213 - 4012 cell

>

>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Tuesday, June 19, 2018 9:11:10 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Smith, Jonathan <jonathan.smith@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, June 19, 2018 8:25:50 PM

Subject: Re: Centrulink data

Attachments: Nameless.txt (1.28 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Tuesday, June 19, 2018 8:05:03 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Smith, Jonathan <jonathan.smith@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, June 19, 2018 8:04:42 PM

Subject: Re: Centrulink data

Attachments: Nameless.txt (732 Bytes)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, June 19, 2018 10:33:55 PM  
To: Smith, Jonathan <jonathan.smith@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>  
CC: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Subject: Re: Centrulink data

I want one too JMS. :-)

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Smith, Jonathan <jonathan.smith@darpa.mil>  
Sent: Tuesday, June 19, 2018 5:31:23 PM  
To: Antonakakis, Manos; Keromytis, Angelos  
Cc: Schneck, Christopher (contr-i2o)  
Subject: Re: Centrulink data

Machine room for experiments in Monroe, LA:

-JMS

On 6/19/18, 5:14 PM, "Antonakakis, Manos" <manos@gatech.edu> wrote:

Yup. My thoughts exactly.

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent: Tuesday, June 19, 2018 5:11:10 PM  
To: Antonakakis, Manos  
Cc: Smith, Jonathan; Schneck, Christopher (contr-i2o)  
Subject: Re: Centrulink data

That would be of extreme interest. Do. Not. Say. No.

> On Jun 19, 2018, at 16:06, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Yes. Apologies.

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>



> \_\_\_\_\_  
> From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
> Sent: Tuesday, June 19, 2018 4:05:03 PM  
> To: Antonakakis, Manos  
> Cc: Smith, Jonathan; Schneck, Christopher (contr-i2o)  
> Subject: Re: Centrulink data  
>  
> Do you mean Century Link?  
>  
>> On Jun 19, 2018, at 14:01, Antonakakis, Manos <manos@gatech.edu> wrote:  
>>  
>> Bill Bradley is the Senior Vice President, Cyber Engineering and Technical Service of Centrulink. Just walked out of my office and he wants to give me all their DNS and netflow data.  
>>  
>> To clarify, this includes all DoD network traffic (in late 2018 a contact was won by Centrulink to do this --- have no more details at this point) alongside several international networks, including the undersea cables that connect the various continents.  
>>  
>> Do I say yes, or no?  
>>  
>> —  
>> Manos Antonakakis | manos@gatech.edu  
>> Georgia Institute of Technology  
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, June 19, 2018 10:22:26 PM  
To: Smith, Jonathan <jonathan.smith@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>  
CC: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Subject: Re: Centrulink data

Both DNS and Netflow from them will be a goldmine. The fact that they have international recursive traffic -- something that we only really get from Neustar -- is just mind blowing, JMS.

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Smith, Jonathan <jonathan.smith@darpa.mil>  
Sent: Tuesday, June 19, 2018 5:18:55 PM  
To: Antonakakis, Manos; Keromytis, Angelos  
Cc: Schneck, Christopher (contr-i2o)  
Subject: Re: Centrulink data

CenturyLink.  
They are my performers in EdgeCT.  
Good people.  
Say Yes.  
-JMS

On 6/19/18, 2:01 PM, "Antonakakis, Manos" <manos@gatech.edu> wrote:

Bill Bradley is the Senior Vice President, Cyber Engineering and Technical Service of Centrulink. Just walked out of my office and he wants to give me all their DNS and netflow data.

To clarify, this includes all DoD network traffic (in late 2018 a contact was won by Centrulink to do this --- have no more details at this point) alongside several international networks, including the undersea cables that connect the various continents.

Do I say yes, or no?

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Tuesday, June 19, 2018 9:30:27 PM

To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

CC: Antonakakis, Manos <manos@gatech.edu>; Smith, Jonathan <jonathan.smith@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, June 19, 2018 9:30:25 PM

Subject: Re: Centrulink data

Attachments: Nameless.txt (1.8 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Thursday, July 12, 2018 10:41:57 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Thursday, July 12, 2018 10:41:48 PM

Subject: Re: CIA Case Study

Attachments: Nameless.txt (2.48 KB)

**From:** Angelos D. Keromytis <[REDACTED]>  
**Sent on:** Tuesday, June 12, 2018 11:10:15 PM  
**To:** Tejas Patel <tejas@kududyn.com>  
**CC:** [REDACTED] Manos Antonakakis <manos@gatech.edu>  
**Subject:** Re: CMU CyLab directorship

ROTFL

On Jun 12, 2018, at 18:08, Tejas Patel <[tejas@kududyn.com](mailto:tejas@kududyn.com)> wrote:

Yep... but remember what I'm gonna say if I go back to DARPA... and what I'm gonna say if I ever end up at GT in the future... :-)

Tejas Patel  
Principal investigator  
Kudu Dynamics  
+1 919-332-3191 (c)

[tejas@kududyn.com](mailto:tejas@kududyn.com)

On Tue, Jun 12, 2018 at 6:06 PM, Angelos D. Keromytis <[REDACTED]> wrote:

I know. I was just expressing feelings about being his replacement.

On Jun 12, 2018, at 18:04, Tejas Patel <[tejas@kududyn.com](mailto:tejas@kududyn.com)> wrote:

CyLab has an interim director right now. According to <https://www.cmu.edu/ir/cirp-people/faculty-affiliates/david-brumley.html> he was Director of CyLab so one assumes that was his last role...

Tejas Patel  
Principal investigator  
Kudu Dynamics  
+1 919-332-3191 (c)

[tejas@kududyn.com](mailto:tejas@kududyn.com)

On Tue, Jun 12, 2018 at 6:03 PM, Angelos D. Keromytis <[REDACTED]> wrote:

...

On Jun 12, 2018, at 18:01, Tejas Patel <[tejas@kududyn.com](mailto:tejas@kududyn.com)> wrote:

That would make you Brumley's replacement.

-Tejas

Tejas Patel  
Principal investigator  
Kudu Dynamics  
+1 919-332-3191 (c)

[tejas@kududyn.com](mailto:tejas@kududyn.com)

On Tue, Jun 12, 2018 at 5:23 PM, Angelos D. Keromytis

<[REDACTED]> wrote:

[REDACTED] would you prefer moving to Pittsburgh?  
(NOT!) :)

CMU is ranked #1 in computer science, after all.

I'm just privately amused that I'm reading this while  
at a Slayer concert.

-Angelos

Begin forwarded message:

**From:** Nicolas Christin <  
[nicolasc@andrew.cmu.edu](mailto:nicolasc@andrew.cmu.edu)>  
**Date:** June 12, 2018 at 09:31:02 EDT  
**To:** [angelos@cs.columbia.edu](mailto:angelos@cs.columbia.edu)  
**Cc:** Peter Steenkiste <  
[prs@cs.cmu.edu](mailto:prs@cs.cmu.edu)>, Jonathan Cagan  
<[cagan@cmu.edu](mailto:cagan@cmu.edu)>  
**Subject:** CMU CyLab directorship

Hi, Angelos,

As you may have heard, Carnegie  
Mellon CyLab is looking for a new

director. I am on the search  
committee. We're looking for a  
leader

with an exemplary reputation in  
security and privacy research,

education and leadership.  
Unsurprisingly, your name came up.

I don't know if you'd be interested,  
but I'd be happy to talk with you

more, or I could share your CV  
confidentially with our search

committee if you have interest. I've  
attached a copy of our ad.

Best regards,

Nicolas

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, June 12, 2018 11:14:32 PM  
To: [REDACTED] Angelos D. Keromytis [REDACTED]  
CC: [REDACTED] tejas@kududyn.com  
Subject: Re: CMU CyLab directorship

[REDACTED], you mixed up the emojis. You should have sent them the middle finger.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: [REDACTED]  
Sent: Tuesday, June 12, 2018 5:56:48 PM  
To: Angelos D. Keromytis  
Cc: [REDACTED]; Antonakakis, Manos; tejas@kududyn.com  
Subject: Re: CMU CyLab directorship

□□

Sent from my iPhone

On Jun 12, 2018, at 5:23 PM, Angelos D. Keromytis [REDACTED] wrote:

[REDACTED], would you prefer moving to Pittsburgh? (NOT!) :)

CMU is ranked #1 in computer science, after all.

I'm just privately amused that I'm reading this while at a Slayer concert.  
-Angelos

Begin forwarded message:

From: Nicolas Christin <nicolasc@andrew.cmu.edu<mailto:nicolasc@andrew.cmu.edu>>  
Date: June 12, 2018 at 09:31:02 EDT  
To: angelos@cs.columbia.edu<mailto:angelos@cs.columbia.edu>  
Cc: Peter Steenkiste <prs@cs.cmu.edu<mailto:prs@cs.cmu.edu>>, Jonathan Cagan <cagan@cmu.edu<mailto:cagan@cmu.edu>>  
Subject: CMU CyLab directorship

Hi, Angelos,

As you may have heard, Carnegie Mellon CyLab is looking for a new director. I am on the search committee. We're looking for a leader with an exemplary reputation in security and privacy research, education and leadership. Unsurprisingly, your name came up.

I don't know if you'd be interested, but I'd be happy to talk with you more, or I could share your CV confidentially with our search committee if you have interest. I've attached a copy of our ad.



Best regards,

Nicolas

<CyLab ad 5\_25.pdf>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Saturday, June 9, 2018 1:25:28 PM  
To: Tejas Patel <tejas@kududyn.com>  
CC: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>; Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>  
Subject: Re: Comcast

We factored these data into the latest estimates we gave to Chris and JMS. We can get the data today, but we have no hardware. I do need to finalize the legal framework, as well --- by the end of June this should be done.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Tejas Patel <tejas@kududyn.com>  
Sent: Saturday, June 9, 2018 8:12 AM  
To: Antonakakis, Manos  
Cc: Schneck, Christopher (contr-i2o); Keromytis, Angelos; Kline, Allison (contr-i2o); Smith, Jonathan  
Subject: Re: Comcast

Manos:

That is great news! Do you have a feel for how much data that is and how quickly you will have to be in a position to accept that data?

Regards,  
Tejas

Tejas Patel  
Principal investigator  
Kudu Dynamics  
+1 919-332-3191 (c)  
tejas@kududyn.com <<mailto:tejas@kududyn.com>>

On Sat, Jun 9, 2018 at 8:08 AM, Antonakakis, Manos <manos@gatech.edu<<mailto:manos@gatech.edu>>> wrote:  
Folks, Jason came through. He managed to convince the Comcast lawyers to give us the following:

"The purpose of the data sharing described in this Scope of Work is to support Comcast's involvement in a research project led by the University. The Project, called "Gnomon", is being funded under a grant from the Defense Advanced Research Projects Agency (DARPA), part of the DARPA's "Harnessing Autonomy for Countering Cyberadversary Systems" (HACCS) program. The objective of the research is to develop methods to use network-sourced data to rapidly detect malware infections, and then develop methods to fix those malware infections for end users. This will rely on a range of data, from DNS data, IPFIX / Netflow data, email spam data, and security operations center (SOC) threat indicator data."

Revising the existing data sharing and as you can see we will get everything but the kitchen sink from Comcast.

—  
Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Saturday, June 9, 2018 1:21:22 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
CC: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Tejas Patel <tejas@kududyn.com>; Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>  
Subject: Re: Comcast

He was not, no.

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent: Saturday, June 9, 2018 8:13:18 AM  
To: Antonakakis, Manos  
Cc: Schneck, Christopher (contr-i2o); Tejas Patel; Kline, Allison (contr-i2o); Smith, Jonathan  
Subject: Re: Comcast

Nice. Was he at the PI meeting yesterday?

> On Jun 9, 2018, at 08:08, Antonakakis, Manos <manos@gatech.edu> wrote:  
>  
> Folks, Jason came through. He managed to convince the Comcast lawyers to give us the following:  
>  
> "The purpose of the data sharing described in this Scope of Work is to support Comcast's involvement in a research project led by the University. The Project, called "Gnomon", is being funded under a grant from the Defense Advanced Research Projects Agency (DARPA), part of the DARPA's "Harnessing Autonomy for Countering Cyberadversary Systems" (HACCS) program. The objective of the research is to develop methods to use network-sourced data to rapidly detect malware infections, and then develop methods to fix those malware infections for end users. This will rely on a range of data, from DNS data, IPFIX / Netflow data, email spam data, and security operations center (SOC) threat indicator data."  
>  
> Revising the existing data sharing and as you can see we will get everything but the kitchen sink from Comcast.  
>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Saturday, June 9, 2018 12:13:18 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Tejas Patel <tejas@kududyn.com>; Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Saturday, June 9, 2018 12:13:03 PM

Subject: Re: Comcast

Attachments: Nameless.txt (1.18 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, December 14, 2018 1:08:57 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
CC: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Subject: Re: Confirmation on AF address space

Thanks for the heads up. Anything I need to do about this?

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent: Friday, December 14, 2018 8:06:36 AM  
To: Antonakakis, Manos  
Cc: Schneck, Christopher (contr-i2o)  
Subject: Re: Confirmation on AF address space

Mano, just FYI: Ian Crone will be the EA PM starting next Friday, until the new PM comes on board.

> On Dec 14, 2018, at 07:48, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> Jason, I am in the middle of tracking down something big. You are number one in my queue, the moment I am done with this.

>  
> Thanks,

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>  
> Sent: Thursday, December 13, 2018 2:43:10 PM  
> To: Antonakakis, Manos  
> Cc: Schneck, Christopher (contr-i2o); Smith, Jonathan  
> Subject: RE: Confirmation on AF address space

>  
> Manos,  
>  
> It's taken a bit of time but I've received some data back that indicates at  
> least two of the three were related to AF equities at some time in the past  
> (131 & 12); however, are not AF-related today. In fact, the 'powers that be'  
> are working on reclaiming that IP space to address any remaining issues.  
> They are still researching the 62 net.

>  
> I know time frames are difficult, but I was asked if we could narrow down a  
> rough timeframe to enable damage assessment actions on our end. It would be  
> highly concerning if those networks were doing what you say they were doing  
> while they were being actively used by the DoD &/or the AF.

>  
> Thanks!  
>  
> Jason D. Stambaugh, SA, USAF  
> AFOSI Cyber Investigations & Ops  
> Deputy PM for Manpower & Training  
>  
> Comm: (571) 305-8850  
> DSN: 240-8850  
> NSTS: 918-5739  
>  
> SIPR: jason.d.stambaugh2.mil@mail.smil.mil  
> JWICS: jason.stambaugh@af.ic.gov  
>  
>  
> -----Original Message-----  
> From: Antonakakis, Manos <manos@gatech.edu>  
> Sent: Wednesday, November 21, 2018 10:25 AM  
> To: SCHILCHER, RYAN D SA USAF AFOSI AFOSI/3 FIS/CI&O  
> <ryan.schilcher@us.af.mil>; STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY  
> <jason.stambaugh@us.af.mil>  
> Cc: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>;  
> Keromytis, Angelos <angelos.keromytis@darpa.mil>; Smith, Jonathan  
> <jonathan.smith@darpa.mil>  
> Subject: [Non-DoD Source] Confirmation on AF address space  
>  
> Gentlemen, back in the day I received from DARPA a list of address space  
> that is related with AF network operations. Run this through our system to  
> assess any targeting against the AF networks.  
>  
> Can you please confirm that these three networks are AF related?  
>  
> - 62.255.146.0/24  
> - 12.10.134.0/24  
> - 131.8.51.0/24  
>  
> Assuming they are AF related, can you please rank them with the respect of  
> importance?  
>  
> (If you have a complete list of AF network address space, please send them  
> over so I can asses targeting more efficiently/accurately)  
>  
> Many thanks!  
>  
> -  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>

**From:** L Jean Camp [REDACTED]  
**Sent on:** Friday, November 2, 2018 2:41:56 AM  
**To:** Annie I. Anton <aa16@gatech.edu>  
**Subject:** Re: Congrats to Annie Anton

And you know I mean it!

On Thu, Nov 1, 2018 at 8:49 PM Anton, Ana I <aa16@gatech.edu> wrote:

Thank you, Jean. That's got to be one of the nicest emails I've received this year!

Gratefully,  
Annie

On Nov 1, 2018, at 12:48 PM, L Jean Camp <ljcamp@INDIANA.EDU> wrote:

My faith in the FISC has just been increased by an order of magnitude.

Thank You Annie! Congratulations! We as a country are all extremely lucky to have you perform this service.

On Wed, Oct 31, 2018 at 10:36 PM Hendler, Jim <hendler@cs.rpi.edu> wrote:

All, please join me in congratulating our long-time member Annie Anton who has been named as has been named a technologist advisor to the U.S. Foreign Intelligence Surveillance Court (FISC) – see <https://www.news.gatech.edu/2018/10/24/anton-named-technologist-advisor-us-national-security-court>

Annie has a long history of service in USACM and also to various govt agencies including the President's commission on enhancing national cybersecurity

Congrats Annie!

JH

***USTPC lists are NOT public. Information (including non-public attachments and email content) should and may not be forwarded, reported, republished or otherwise shared without written prior permission of the original message author anywhere beyond USTPC lists (except as may be expressly permitted in limited cases under other USTPC rules). Failure to respect this policy may result in suspension or termination of USTPC posting privileges and/or membership.***

--

Prof. L. Jean Camp  
<http://www.ljean.com>

Research Gate:[https://www.researchgate.net/profile/L\\_Camp](https://www.researchgate.net/profile/L_Camp)

DBLP:<http://dblp.uni-trier.de/pers/hd/c/Camp:L= Jean>

SSRN:[https://papers.ssrn.com/sol3/cf\\_dev/AbsByAuth.cfm?per\\_id=262477](https://papers.ssrn.com/sol3/cf_dev/AbsByAuth.cfm?per_id=262477)

Scholar:<https://scholar.google.com/citations?user=wJPGa2IAAAAJ>

Make a Difference <http://www.ieeeusa.org/policy/govfel/congfel.asp>

***USTPC lists are NOT public. Information (including non-public attachments and email content) should and may not be forwarded, reported, republished or otherwise shared without written prior permission of the original message author anywhere beyond USTPC lists (except as may be expressly permitted in limited cases under other USTPC rules). Failure to respect this policy may result in suspension or termination of USTPC posting privileges and/or membership.***

--

Prof. L. Jean Camp

<http://www.ljean.com>

Research Gate:[https://www.researchgate.net/profile/L\\_Camp](https://www.researchgate.net/profile/L_Camp)

DBLP:<http://dblp.uni-trier.de/pers/hd/c/Camp:L= Jean>

SSRN:[https://papers.ssrn.com/sol3/cf\\_dev/AbsByAuth.cfm?per\\_id=262477](https://papers.ssrn.com/sol3/cf_dev/AbsByAuth.cfm?per_id=262477)

Scholar:<https://scholar.google.com/citations?user=wJPGa2IAAAAJ>

Make a Difference

<http://www.ieeeusa.org/policy/govfel/congfel.asp>



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, April 18, 2018 12:45:40 PM  
To: Scott Taylor [REDACTED]; David Dagon [REDACTED]; Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>  
CC: Angelos D. Keromytis [REDACTED]; Tejas Patel <tejas@kududyn.com>  
Subject: Re: Congratulations

Many thanks Scott!

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Scott Taylor <[REDACTED]>  
Sent: Tuesday, April 17, 2018 11:03:56 PM  
To: Antonakakis, Manos; David Dagon; Farrell, Michael D  
Cc: Angelos D. Keromytis; Tejas Patel  
Subject: Congratulations

Manos, David, Michale,

Congratulations on the "Outstanding Achievement in Research Program Development" Award!

--Scott

**From:** Rodney Joffe<rjoffe@centergate.com>  
**Sent on:** Saturday, June 29, 2019 5:38:35 AM  
**To:** McConnell, Kirk (Armed Services)<Kirk\_McConnell@armed-services.senate.gov>  
**CC:** Antonakakis Manos<manos@gatech.edu>  
**Subject:** Re: connection for briefing on Enhanced Attribution

Jeez

What a piece of work! Glad you don't have any influence with DARPA's budget that Michael relies on.

Manos?

On Jun 29, 2019, at 12:31 AM, McConnell, Kirk (Armed Services) <[Kirk\\_McConnell@armed-services.senate.gov](mailto:Kirk_McConnell@armed-services.senate.gov)> wrote:

Well, Michael is quite a guy isn't he?

Sent from my iPhone  
Begin forwarded message:

**From:** "Farrell, Michael" <[michael.farrell@iisp.gatech.edu](mailto:michael.farrell@iisp.gatech.edu)>  
**Date:** June 28, 2019 at 4:41:00 PM EDT  
**To:** "McConnell, Kirk (Armed Services)" <[Kirk\\_McConnell@armed-services.senate.gov](mailto:Kirk_McConnell@armed-services.senate.gov)>  
**Cc:** Ian Crone <[ian.crone@darpa.mil](mailto:ian.crone@darpa.mil)>, "lisa.heyas@darpa.mil" <[lisa.heyas@darpa.mil](mailto:lisa.heyas@darpa.mil)>  
**Subject:** Re: connection for briefing on Enhanced Attribution

Kirk,

Thanks for your interest in Georgia Tech research. However, we (GT) have no comment or position on the below. In fact, going forward please contact DARPA directly about any and all issues or questions or comments related to the enhanced attribution program. The DARPA congressional liaison and program manager are copied on this message and can respond, as needed. The Georgia Tech/GTRI PI and Co-PIs on this research program are not the appropriate POCs for any questions, comments, or concerns.

The government, not GT, makes decisions related to funding and transition from research at DARPA to other entities. The focus of Manos, myself and other Co-PIs is completely on doing impactful research. We follow contractual requirements and relevant policies for our part of this program (and GT is only one part), and devote our energy to 'creating the next' in cyber security.

Best,

Michael

On Jun 25, 2019, at 12:24, McConnell, Kirk (Armed Services) <

[Kirk\\_McConnell@armed-services.senate.gov](mailto:Kirk_McConnell@armed-services.senate.gov)> wrote:

FYI. Andy is on the SAC-D staff. Andrew Pahutski from SCO is seeking approval from us on the Hill to shift some SCO money to Enhanced Attribution.

---

**From:** McConnell, Kirk (Armed Services)

**Sent:** Tuesday, June 25, 2019 12:22 PM

**To:** Heyes, Lisa ([lisa.heyas@darpa.mil](mailto:lisa.heyas@darpa.mil)) <[lisa.heyas@darpa.mil](mailto:lisa.heyas@darpa.mil)>;  
Vanlandingham, Andy (Appropriations) <  
[Andy\\_Vanlandingham@appro.senate.gov](mailto:Andy_Vanlandingham@appro.senate.gov)>

**Subject:** connection for briefing on Enhanced Attribution

Lisa –

Andy Vanlandingham is interested in learning more about DARPA's Enhanced Attribution cybersecurity program. It turns out that a current SCO program manager whom we know well is moving over to Cyber Command to help with the transition of this DARPA program to CYBERCOM. Thanks, Kirk

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Saturday, August 4, 2018 6:52:59 PM  
To: Angelos D. Keromytis [REDACTED] >  
Subject: Re: Curious

Call and I will explain.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Angelos D. Keromytis [REDACTED]  
Sent: Saturday, August 4, 2018 1:52:22 PM  
To: Antonakakis, Manos  
Subject: Re: Curious

??

> On Aug 4, 2018, at 1:50 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> No news this week because I was in DC for private business JMS. Just got of the phone with Chris. He got some feedback from the Brandon and his team. It looks like we have been played, big time.

>

> While I will handle my political exposure in GT alone, I will make sure that Panos, Jeremy and Thanos will not publish anything they found so far, I would like your thoughts and guidance on the effort that me and my team should spend on this problem moving forward. Evidently, they do not care about us or our research. They care about getting fast access to the GT network. That's it.

>

> —

> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_

> From: Jonathan M. Smith <jms@cis.upenn.edu>  
> Sent: Saturday, August 4, 2018 9:59:05 AM  
> To: Antonakakis, Manos  
> Subject: Curious

>

> Manos:  
> Any progress on things?

>

> On another note, I was screwing around with the readership feature of the  
> online paper archival at Penn and it now has a geo interface. I have attached  
> a snapshot from it - quite interesting!

> Best,

> -JMS

>

> Jonathan M. Smith  
> Professor of CIS and Pompa Chair  
> T: 215.898.9509; E: jms@cis.upenn.edu <<mailto:jms@cis.upenn.edu>>

>

>

>

From: Angelos D. Keromytis [REDACTED]  
Sent on: Wednesday, October 25, 2017 4:41:18 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: CV

Cool.

> On Oct 25, 2017, at 11:37, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> FYI-

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_

> From: Ahamad, Mustaque

> Sent: Wednesday, October 25, 2017 10:35 AM

> To: Sarkar, Vivek; Gavrilovska Habi, Ada; Orso, Alessandro; Lee, Wenke; Kim, Taesoo; Navathe, Shamkant B; Lance Fortnow; Ammar, Mostafa H; Payton, Kenya V; Antonakakis, Manos

> Subject: FW: CV

>

> Stelios just sent his CV. See attached.

>

> Vivek, have you been in touch with him about possible dates? Hopefully the week of 11/27 works for him. He did not want to visit before Thanksgiving and several of us are away the week of December 4.

>

> He can come 11/27 evening, do the talk on the 28th and leave on the 29th. Alternatively, he can come on the 29th, talk on the 30th and get done on December 1st. There is a DARPA PI meeting on December 1st but those attending it can meet Stelios on Thursday.

>

> Also copying Manos whom he should meet. Please include him as you work to figure out the visit dates.

>

> Mustaque

>

>

> On 10/25/17, 10:24 AM, "Stelios Sidiroglou-Douskos" <stelios@csail.mit.edu> wrote:

>

> Hi Mustaque,

>

> Attached you will find an updated CV.

> Please let me know if you need anything else from my end.

>

> best,

> Stelios

>

>

>

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, May 8, 2018 7:08:54 PM  
To: Tejas Patel <tejas@kududyn.com>  
CC: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>  
Subject: Re: Cyber Threat Initiatives

Will do, yes.

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Tejas Patel <tejas@kududyn.com>  
Sent: Tuesday, May 8, 2018 12:33:45 PM  
To: Antonakakis, Manos  
Cc: Schneck, Christopher (contr-i2o); Keromytis, Angelos; Smith, Jonathan  
Subject: Re: Cyber Threat Initiatives

Manos,

Likewise. Let me know logistics and I'll work it into my schedule.

Regards,  
Tejas

Tejas Patel  
Principal investigator  
Kudu Dynamics  
+1 919-332-3191 (c)  
tejas@kududyn.com <<mailto:tejas@kududyn.com>>

On Tue, May 8, 2018 at 8:41 AM, Antonakakis, Manos <manos@gatech.edu<<mailto:manos@gatech.edu>>> wrote:  
Yes, Sir. Will do.

---

Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil<<mailto:christopher.schneck.ctr@darpa.mil>>>  
Sent: Tuesday, May 8, 2018 7:20:54 AM  
To: Antonakakis, Manos; Keromytis, Angelos; Smith, Jonathan; tejas@kududyn.com <<mailto:tejas@kududyn.com>>  
Subject: RE: Cyber Threat Initiatives

Manos,

I planned on coming out on the 7th so count me in for the meetings. Let me know when you have nailed down a time for the morning meeting.

Chris Schneck  
DARPA I2O SETA  
Office: 571-218-4429  
Cell: 571-524-3821

-----Original Message-----

From: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>  
Sent: Monday, May 7, 2018 4:38 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil<mailto:angelos.keromytis@darpa.mil>>; Smith, Jonathan <jonathan.smith@darpa.mil<mailto:jonathan.smith@darpa.mil>>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil<mailto:christopher.schneck.ctr@darpa.mil>>; tejas@kududyn.com <<mailto:tejas@kududyn.com>>  
Subject: Fw: Cyber Threat Initiatives

Not sure if any/all of you need to be here. We would be happy to have you.

-

Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Monday, May 7, 2018 4:36 PM  
To: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY; Farrell, Michael D; Mitchell, Michael F  
Cc: Demar, Jeremy; Keromytis, Angelos; OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON; VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY; GEE, TYSON L SA USAF AFOSI AFOSI/XRC  
Subject: Re: Cyber Threat Initiatives

Very cool, Jason.

I will work with Michael to get you first thing in the morning. We will have breakfast and lunch served at the meeting, which will be held at Klaus Advance Computer Building. We will nail down the room as we get closer.

If you do not mind give me a call [REDACTED] so I can assess the time we want based on the things you and your team want to hear from us.

Thanks,

-

Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil<mailto:jason.stambaugh@us.af.mil>>  
Sent: Monday, May 7, 2018 4:32:21 PM  
To: Antonakakis, Manos; Farrell, Michael D; Mitchell, Michael F  
Cc: Demar, Jeremy; Keromytis, Angelos; OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON; VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY; GEE, TYSON L SA



USAF AFOSI AFOSI/XRC  
Subject: RE: Cyber Threat Initiatives

Manos,

I am tentatively projecting 3 individuals (me & 2 others). To my knowledge, there are no dietary restrictions but I will verify.

Thanks very much!

Jason D. Stambaugh, SA, USAF  
Deputy PM for Cyber Training  
AFOSI Cyber Investigations & Ops

Comm: (571) 305-8850  
DSN: 240-8850  
NSTS: 918-5739

SIPR: jason.d.stambaugh2.mil@mail.smil.mil <mailto:jason.d.stambaugh2.mil@mail.smil.mil>  
JWICS: jason.stambaugh@af.ic.gov <mailto:jason.stambaugh@af.ic.gov>

-----Original Message-----

From: Antonakakis, Manos [<mailto:manos@gatech.edu> <<mailto:manos@gatech.edu>>]  
Sent: Monday, May 7, 2018 11:27 AM  
To: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY  
<jason.stambaugh@us.af.mil <mailto:jason.stambaugh@us.af.mil>>;  
Farrell, Michael D <Michael.Farrell@gtri.gatech.edu <mailto:Michael.Farrell@gtri.gatech.edu>>; Mitchell, Michael F  
<michael.mitchell@ece.gatech.edu <mailto:michael.mitchell@ece.gatech.edu>>  
Cc: Demar, Jeremy <jdemar3@gatech.edu <mailto:jdemar3@gatech.edu>>; Keromytis, Angelos  
<angelos.keromytis@darpa.mil <mailto:angelos.keromytis@darpa.mil>>; OGBUAWA, OKECHUKWU N SA USAF AFOSI  
AFOSI/ICON  
<okechukwu.ogbuawa@us.af.mil <mailto:okechukwu.ogbuawa@us.af.mil>>; VELEZ, STEPHYNIE E SA USAF AFOSI  
AFOSI/XRCY  
<stephynie.velez@us.af.mil <mailto:stephynie.velez@us.af.mil>>; GEE, TYSON L SA USAF AFOSI AFOSI/XRC  
<tyson.gee@us.af.mil <mailto:tyson.gee@us.af.mil>>  
Subject: [Non-DoD Source] Re: Cyber Threat Initiatives

Jason, I am setting up a room for the day. Can you give me a count of people you will have with you, and if there are any dietary restrictions?

Michael M., this is for your records --- the visit on June 7th, right before the PI meeting.

Thanks,

-  
Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu) <<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FD F 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY  
<jason.stambaugh@us.af.mil <mailto:jason.stambaugh@us.af.mil>>  
Sent: Monday, May 7, 2018 11:15:27 AM  
To: Antonakakis, Manos; Farrell, Michael D

Cc: Demar, Jeremy; Keromytis, Angelos; OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON; VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY; GEE, TYSON L SA USAF AFOSI AFOSI/XRC  
Subject: RE: Cyber Threat Initiatives

Great! What time would you like to sync up...and where?

Thanks & Regards,

Jason D. Stambaugh, SA, USAF  
Deputy PM for Cyber Training  
AFOSI Cyber Investigations & Ops

Comm: (571) 305-8850  
DSN: 240-8850  
NSTS: 918-5739

SIPR: jason.d.stambaugh2.mil@mail.smil.mil<mailto:jason.d.stambaugh2.mil@mail.smil.mil>  
JWICS: jason.stambaugh@af.ic.gov<mailto:jason.stambaugh@af.ic.gov>

-----Original Message-----

From: Antonakakis, Manos [<mailto:manos@gatech.edu><<mailto:manos@gatech.edu>>]  
Sent: Wednesday, May 2, 2018 5:28 PM  
To: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY  
<jason.stambaugh@us.af.mil<mailto:jason.stambaugh@us.af.mil>>;  
Farrell, Michael D <Michael.Farrell@gtri.gatech.edu<mailto:Michael.Farrell@gtri.gatech.edu>>  
Cc: Demar, Jeremy <jdemar3@gatech.edu<mailto:jdemar3@gatech.edu>>; Keromytis, Angelos  
<angelos.keromytis@darpa.mil<mailto:angelos.keromytis@darpa.mil>>; OGBUAWA, OKECHUKWU N SA USAF AFOSI  
AFOSI/ICON  
<okechukwu.ogbuawa@us.af.mil<mailto:okechukwu.ogbuawa@us.af.mil>>; VELEZ, STEPHYNIE E SA USAF AFOSI  
AFOSI/XRCY  
<stephynie.velez@us.af.mil<mailto:stephynie.velez@us.af.mil>>; GEE, TYSON L SA USAF AFOSI AFOSI/XRC  
<tyson.gee@us.af.mil<mailto:tyson.gee@us.af.mil>>  
Subject: [Non-DoD Source] Re: Cyber Threat Initiatives

This works for my team too. Booked my calendar for the entire morning.

Thanks,

-  
Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu) <<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY  
<jason.stambaugh@us.af.mil<mailto:jason.stambaugh@us.af.mil>>  
Sent: Wednesday, May 2, 2018 8:41:13 AM  
To: Farrell, Michael D  
Cc: Antonakakis, Manos; Demar, Jeremy; Keromytis, Angelos; OGBUAWA,  
OKECHUKWU N SA USAF AFOSI AFOSI/ICON; VELEZ, STEPHYNIE E SA USAF AFOSI  
AFOSI/XRCY; GEE, TYSON L SA USAF AFOSI AFOSI/XRC  
Subject: RE: Cyber Threat Initiatives

Michael,

The morning of the 7th sounds great to me. I'll check with my colleagues to determine their availability.

Thanks & Regards,

Jason D. Stambaugh, SA, USAF  
Deputy PM for Cyber Training  
AFOSI Cyber Investigations & Ops

Comm: (571) 305-8850  
DSN: 240-8850  
NSTS: 918-5739

SIPR: jason.d.stambaugh2.mil@mail.smil.mil<mailto:jason.d.stambaugh2.mil@mail.smil.mil>  
JWICS: jason.stambaugh@af.ic.gov<mailto:jason.stambaugh@af.ic.gov>

-----Original Message-----

From: Farrell, Michael [<mailto:Michael.Farrell@gtri.gatech.edu><<mailto:Michael.Farrell@gtri.gatech.edu>>]

Sent: Wednesday, May 2, 2018 8:33 AM

To: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY

<jason.stambaugh@us.af.mil<mailto:jason.stambaugh@us.af.mil>>

Cc: Antonakakis, Emmanouil K <manos@gatech.edu<mailto:manos@gatech.edu>>; Demar, Jeremy

<jdemar3@gatech.edu<mailto:jdemar3@gatech.edu>>; Keromytis, Angelos

<angelos.keromytis@darpa.mil<mailto:angelos.keromytis@darpa.mil>>;

OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON

<okechukwu.ogbuawa@us.af.mil<mailto:okechukwu.ogbuawa@us.af.mil>>;

VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY <stephynie.velez@us.af.mil<mailto:stephynie.velez@us.af.mil>>;

GEE, TYSON L SA USAF AFOSI AFOSI/XRC <tyson.gee@us.af.mil<mailto:tyson.gee@us.af.mil>>

Subject: [Non-DoD Source] Re: Cyber Threat Initiatives

Hi Jason,

We'd be happy to sit down, as Manos mentioned. Also understand that it makes sense logistically to try and tag it into an existing trip. Happy to try and accommodate.

June 8 itself will be quite busy for us in hosting the meeting all day.

June 7 I have a few prior commitments already on the books, but I'm not needed for the entire session so this could work. I'd suggest morning on this day instead I afternoon as some of the team has a meeting in the afternoon already planned.

Look forward to hosting you.

Best,

Michael

> On May 2, 2018, at 08:12, STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY  
<jason.stambaugh@us.af.mil<mailto:jason.stambaugh@us.af.mil>> wrote:

>  
> Manos,  
>  
> We would love to come to Georgia! We can absolutely keep this at unclass

for the meeting. If the other team members need to make contact afterward via high-side channels, we can work that out.

>  
> Would it be possible to schedule a day around the 8th to have the more detailed meeting, since we'll already be in town?

>  
> Thanks & Regards,

>  
> Jason D. Stambaugh, SA, USAF  
> Deputy PM for Cyber Training  
> AFOSI Cyber Investigations & Ops

>  
> Comm: (571) 305-8850  
> DSN: 240-8850  
> NSTS: 918-5739

>  
> SIPR: jason.d.stambaugh2.mil@mail.smil.mil<mailto:jason.d.stambaugh2.mil@mail.smil.mil>  
> JWICS: jason.stambaugh@af.ic.gov<mailto:jason.stambaugh@af.ic.gov>

>  
> -----Original Message-----

> From: Antonakakis, Manos [<mailto:manos@gatech.edu><<mailto:manos@gatech.edu>>]

> Sent: Tuesday, May 1, 2018 8:18 PM

> To: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY

<jason.stambaugh@us.af.mil<mailto:jason.stambaugh@us.af.mil>>; Farrell, Michael D

<Michael.Farrell@gtri.gatech.edu<mailto:Michael.Farrell@gtri.gatech.edu>>; Demar, Jeremy

<jdemar3@gatech.edu<mailto:jdemar3@gatech.edu>>

> Cc: Keromytis, Angelos <angelos.keromytis@darpa.mil<mailto:angelos.keromytis@darpa.mil>>; OGBUAWA, OKECHUKWU N

SA USAF AFOSI AFOSI/ICON <okechukwu.ogbuawa@us.af.mil<mailto:okechukwu.ogbuawa@us.af.mil>>; VELEZ, STEPHYNIE E

SA USAF AFOSI AFOSI/XRCY <stephynie.velez@us.af.mil<mailto:stephynie.velez@us.af.mil>>; GEE, TYSON L SA USAF

AFOSI AFOSI/XRC <tyson.gee@us.af.mil<mailto:tyson.gee@us.af.mil>>

> Subject: [Non-DoD Source] Re: Cyber Threat Initiatives

>  
> Great Jason.

>  
> Michael Farrell and Jeremy Demar should be in this meeting too. Michael is CoPI (from GTRI) in this project and holds all necessary clearances for discussions that needs to happen on the high side. Jeremy came out for the Navy long time ago, and he is leading threat research in my team. I suspect that you will have to work with him long-tem for any data sharing between the two teams.

>  
> Now, we could host you here at GT/GTRI and also have space for a classified meeting made available. Note, only Michael for my team can attend such a meeting. Thus, it would be the most beneficial for me to keep everything at UNCLASSIFIED//FOUO level.

>  
> If you want us to fly out, we could. Whatever works best for you and your team.

>  
> Angele, I am not sure if you, JMS, Tejas or Chris should also attend this meeting.

>  
> Thanks,

>  
> -

> Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

>

> From: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY

<jason.stambaugh@us.af.mil <<mailto:jason.stambaugh@us.af.mil>>>

> Sent: Monday, April 30, 2018 8:59:02 AM

> To: Antonakakis, Manos

> Cc: Keromytis, Angelos; OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON;

VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY; GEE, TYSON L SA USAF AFOSI

AFOSI/XRC

> Subject: RE: Cyber Threat Initiatives

>

> Great! We will likely be in attendance for the Atlanta event on 8 Jun.

We should shoot for a date between 25 & 29 June for a more in-depth,

follow-on meeting. Both Stephynie and I will be in the office that week,

unless one of us has to make a trip to Hawaii.

>

> The first week of July looks pretty good too.

>

> Thanks & Regards,

>

> Jason D. Stambaugh, SA, USAF

> Deputy PM for Cyber Training

> AFOSI Cyber Investigations & Ops

>

> Comm: (571) 305-8850

> DSN: 240-8850

> NSTS: 918-5739

>

> SIPR: jason.d.stambaugh2.mil@mail.smil.mil <<mailto:jason.d.stambaugh2.mil@mail.smil.mil>>

> JWICS: jason.stambaugh@af.ic.gov <<mailto:jason.stambaugh@af.ic.gov>>

>

>

> -----Original Message-----

> From: Antonakakis, Manos [<mailto:manos@gatech.edu> <<mailto:manos@gatech.edu>>]

> Sent: Friday, April 27, 2018 5:08 PM

> To: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY

<jason.stambaugh@us.af.mil <<mailto:jason.stambaugh@us.af.mil>>>

> Cc: Keromytis, Angelos <[angelos.keromytis@darpa.mil](mailto:angelos.keromytis@darpa.mil)<<mailto:angelos.keromytis@darpa.mil>>>; OGBUAWA,

OKECHUKWU N

SA USAF AFOSI AFOSI/ICON <[okechukwu.ogbuawa@us.af.mil](mailto:okechukwu.ogbuawa@us.af.mil)<<mailto:okechukwu.ogbuawa@us.af.mil>>>; VELEZ,

STEPHYNIE E

SA USAF AFOSI AFOSI/XRCY <[stephynie.velez@us.af.mil](mailto:stephynie.velez@us.af.mil)<<mailto:stephynie.velez@us.af.mil>>>; GEE, TYSON L SA USAF

AFOSI AFOSI/XRC <[tyson.gee@us.af.mil](mailto:tyson.gee@us.af.mil)<<mailto:tyson.gee@us.af.mil>>>

> Subject: [Non-DoD Source] Re: Cyber Threat Initiatives

>

> Hey Jason, good to hear from you!

>

> Yes, lets get something on the calendar and go from there. In the HACCS

meeting you saw just a small set of what we are working on. We plan to

expose a larger portion of their operations (current and past) in the

upcoming PI meeting in Atlanta (June 8th). I would suggest we schedule

something for mid/late June so you and your team will get the opportunity to

be exposed to the full spectrum of research we are doing on this particular

actor.

>  
> I can fly out to meet you guys, or we are more than happy to host you at Georgia Tech. Totally up to you.

>  
> Does that sound reasonable to you?

>  
> Thanks,

>  
> -  
> Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>

> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY  
<jason.stambaugh@us.af.mil<<mailto:jason.stambaugh@us.af.mil>> >

> Sent: Wednesday, April 25, 2018 2:11:55 PM

> To: Antonakakis, Manos

> Cc: Keromytis, Angelos; OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON;  
VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY; GEE, TYSON L SA USAF AFOSI  
AFOSI/XRC

> Subject: Cyber Threat Initiatives

>  
> Manos,

>  
> Sorry for the delay in my follow up from our brief interaction at HACCS.  
> I'd like to get you linked up with our ops side of the house to discuss  
what you've learned about a threat we are interested in. We can host you  
here in Quantico, out in San Antonio, or we can travel to you (whichever is  
most convenient). As I mentioned previously, I would hope we could promote  
a mutually-beneficial information-sharing relationship.

>  
> For now, let's try to nail down a location, date, & time to meet and go  
from there.

>  
> Looking forward to this discussion!

>  
> Thanks & Regards,

>  
> Jason D. Stambaugh, SA, USAF  
> Deputy PM for Cyber Training  
> AFOSI Cyber Investigations & Ops

>  
> Comm: (571) 305-8850  
> DSN: 240-8850  
> NSTS: 918-5739

>  
> SIPR: jason.d.stambaugh2.mil@mail.smil.mil<<mailto:jason.d.stambaugh2.mil@mail.smil.mil>>  
> JWICS: jason.stambaugh@af.ic.gov<<mailto:jason.stambaugh@af.ic.gov>>

>  
>  
>  
>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Monday, May 7, 2018 9:44:05 PM

To: Antonakakis, Manos <manos@gatech.edu>; Smith, Jonathan <jonathan.smith@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; tejas@kududyn.com

Subject: RE: Cyber Threat Initiatives

I don't know yet. Plan without me.

-----Original Message-----

From: Antonakakis, Manos <manos@gatech.edu>

Sent: Monday, May 7, 2018 4:38 PM

To: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; tejas@kududyn.com

Subject: Fw: Cyber Threat Initiatives

Not sure if any/all of you need to be here. We would be happy to have you.

-

Manos Antonakakis | manos@gatech.edu

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos

Sent: Monday, May 7, 2018 4:36 PM

To: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY; Farrell, Michael D; Mitchell, Michael F

Cc: Demar, Jeremy; Keromytis, Angelos; OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON; VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY; GEE, TYSON L SA USAF AFOSI AFOSI/XRC

Subject: Re: Cyber Threat Initiatives

Very cool, Jason.

I will work with Michael to get you first thing in the morning. We will have breakfast and lunch served at the meeting, which will be held at Klaus Advance Computer Building. We will nail down the room as we get closer.

If you do not mind give me a call [REDACTED] so I can assess the time we want based on the things you and your team want to hear from us.

Thanks,

-

Manos Antonakakis | manos@gatech.edu

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>

Sent: Monday, May 7, 2018 4:32:21 PM

To: Antonakakis, Manos; Farrell, Michael D; Mitchell, Michael F

Cc: Demar, Jeremy; Keromytis, Angelos; OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON; VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY; GEE, TYSON L SA USAF AFOSI AFOSI/XRC

Subject: RE: Cyber Threat Initiatives

Manos,

I am tentatively projecting 3 individuals (me & 2 others). To my knowledge, there are no dietary restrictions but I will verify.

Thanks very much!

Jason D. Stambaugh, SA, USAF  
Deputy PM for Cyber Training  
AFOSI Cyber Investigations & Ops

Comm: (571) 305-8850  
DSN: 240-8850  
NSTS: 918-5739

SIPR: jason.d.stambaugh2.mil@mail.smil.mil  
JWICS: jason.stambaugh@af.ic.gov

-----Original Message-----

From: Antonakakis, Manos [<mailto:manos@gatech.edu>]

Sent: Monday, May 7, 2018 11:27 AM

To: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>; Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

Cc: Demar, Jeremy <jdemar3@gatech.edu>; Keromytis, Angelos <angelos.keromytis@darpa.mil>; OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON <okechukwu.ogbuawa@us.af.mil>; VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY <stephynie.velez@us.af.mil>; GEE, TYSON L SA USAF AFOSI AFOSI/XRC <tyson.gee@us.af.mil>

Subject: [Non-DoD Source] Re: Cyber Threat Initiatives

Jason, I am setting up a room for the day. Can you give me a count of people you will have with you, and if there are any dietary restrictions?

Michael M., this is for your records --- the visit on June 7th, right before the PI meeting.

Thanks,

-

Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>

Sent: Monday, May 7, 2018 11:15:27 AM

To: Antonakakis, Manos; Farrell, Michael D

Cc: Demar, Jeremy; Keromytis, Angelos; OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON; VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY; GEE, TYSON L SA USAF AFOSI AFOSI/XRC

Subject: RE: Cyber Threat Initiatives

Great! What time would you like to sync up...and where?

Thanks & Regards,

Jason D. Stambaugh, SA, USAF  
Deputy PM for Cyber Training  
AFOSI Cyber Investigations & Ops



Comm: (571) 305-8850  
DSN: 240-8850  
NSTS: 918-5739

SIPR: jason.d.stambaugh2.mil@mail.smil.mil  
JWICS: jason.stambaugh@af.ic.gov

-----Original Message-----

From: Antonakakis, Manos [<mailto:manos@gatech.edu>]  
Sent: Wednesday, May 2, 2018 5:28 PM  
To: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>; Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>  
Cc: Demar, Jeremy <jdemar3@gatech.edu>; Keromytis, Angelos <angelos.keromytis@darpa.mil>; OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON <okechukwu.ogbuawa@us.af.mil>; VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY <stephynie.velez@us.af.mil>; GEE, TYSON L SA USAF AFOSI AFOSI/XRC <tyson.gee@us.af.mil>  
Subject: [Non-DoD Source] Re: Cyber Threat Initiatives

This works for my team too. Booked my calendar for the entire morning.

Thanks,

-

Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>  
Sent: Wednesday, May 2, 2018 8:41:13 AM  
To: Farrell, Michael D  
Cc: Antonakakis, Manos; Demar, Jeremy; Keromytis, Angelos; OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON; VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY; GEE, TYSON L SA USAF AFOSI AFOSI/XRC  
Subject: RE: Cyber Threat Initiatives

Michael,

The morning of the 7th sounds great to me. I'll check with my colleagues to determine their availability.

Thanks & Regards,

Jason D. Stambaugh, SA, USAF  
Deputy PM for Cyber Training  
AFOSI Cyber Investigations & Ops

Comm: (571) 305-8850  
DSN: 240-8850  
NSTS: 918-5739

SIPR: jason.d.stambaugh2.mil@mail.smil.mil  
JWICS: jason.stambaugh@af.ic.gov

-----Original Message-----

From: Farrell, Michael [<mailto:Michael.Farrell@gtri.gatech.edu>]  
Sent: Wednesday, May 2, 2018 8:33 AM  
To: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>

Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Demar, Jeremy <jdemar3@gatech.edu>; Keromytis, Angelos <angelos.keromytis@darpa.mil>; OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON <okechukwu.ogbuawa@us.af.mil>; VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY <stephynie.velez@us.af.mil>; GEE, TYSON L SA USAF AFOSI AFOSI/XRC <tyson.gee@us.af.mil>  
Subject: [Non-DoD Source] Re: Cyber Threat Initiatives

Hi Jason,

We'd be happy to sit down, as Manos mentioned. Also understand that it makes sense logistically to try and tag it into an existing trip. Happy to try and accommodate.

June 8 itself will be quite busy for us in hosting the meeting all day.

June 7 I have a few prior commitments already on the books, but I'm not needed for the entire session so this could work. I'd suggest morning on this day instead I afternoon as some of the team has a meeting in the afternoon already planned.

Look forward to hosting you.

Best,

Michael

> On May 2, 2018, at 08:12, STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil> wrote:  
>  
> Manos,  
>  
> We would love to come to Georgia! We can absolutely keep this at unclass for the meeting. If the other team members need to make contact afterward via high-side channels, we can work that out.  
>  
> Would it be possible to schedule a day around the 8th to have the more detailed meeting, since we'll already be in town?  
>  
> Thanks & Regards,  
>  
> Jason D. Stambaugh, SA, USAF  
> Deputy PM for Cyber Training  
> AFOSI Cyber Investigations & Ops  
>  
> Comm: (571) 305-8850  
> DSN: 240-8850  
> NSTS: 918-5739  
>  
> SIPR: jason.d.stambaugh2.mil@mail.smil.mil  
> JWICS: jason.stambaugh@af.ic.gov  
>  
> -----Original Message-----  
> From: Antonakakis, Manos [<mailto:manos@gatech.edu>]  
> Sent: Tuesday, May 1, 2018 8:18 PM  
> To: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>; Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; Demar, Jeremy <jdemar3@gatech.edu>  
> Cc: Keromytis, Angelos <angelos.keromytis@darpa.mil>; OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON <okechukwu.ogbuawa@us.af.mil>; VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY <stephynie.velez@us.af.mil>; GEE, TYSON L SA USAF AFOSI AFOSI/XRC <tyson.gee@us.af.mil>  
> Subject: [Non-DoD Source] Re: Cyber Threat Initiatives  
>  
> Great Jason.

>  
> Michael Farrell and Jeremy Demar should be in this meeting too. Michael is CoPI (from GTRI) in this project and holds all necessary clearances for discussions that needs to happen on the high side. Jeremy came out for the Navy long time ago, and he is leading threat research in my team. I suspect that you will have to work with him long-tem for any data sharing between the two teams.

>  
> Now, we could host you here at GT/GTRI and also have space for a classified meeting made available. Note, only Michael for my team can attend such a meeting. Thus, it would be the most beneficial for me to keep everything at UNCLASSIFIED//FOUO level.

>  
> If you want us to fly out, we could. Whatever works best for you and your team.

>  
> Angele, I am not sure if you, JMS, Tejas or Chris should also attend this meeting.

>  
> Thanks,

>  
> -  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>

> Sent: Monday, April 30, 2018 8:59:02 AM

> To: Antonakakis, Manos

> Cc: Keromytis, Angelos; OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON; VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY; GEE, TYSON L SA USAF AFOSI AFOSI/XRC

> Subject: RE: Cyber Threat Initiatives

>  
> Great! We will likely be in attendance for the Atlanta event on 8 Jun. We should shoot for a date between 25 & 29 June for a more in-depth, follow-on meeting. Both Stephynie and I will be in the office that week, unless one of us has to make a trip to Hawaii.

>  
> The first week of July looks pretty good too.

>  
> Thanks & Regards,

>  
> Jason D. Stambaugh, SA, USAF  
> Deputy PM for Cyber Training  
> AFOSI Cyber Investigations & Ops

>  
> Comm: (571) 305-8850  
> DSN: 240-8850

> NSTS: 918-5739  
>

> SIPR: jason.d.stambaugh2.mil@mail.smil.mil  
> JWICS: jason.stambaugh@af.ic.gov  
>

>  
> -----Original Message-----  
> From: Antonakakis, Manos [<mailto:manos@gatech.edu>]

> Sent: Friday, April 27, 2018 5:08 PM

> To: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>

> Cc: Keromytis, Angelos <angelos.keromytis@darpa.mil>; OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON <okechukwu.ogbuawa@us.af.mil>; VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY <stephynie.velez@us.af.mil>; GEE, TYSON L SA USAF AFOSI AFOSI/XRC <tyson.gee@us.af.mil>

> Subject: [Non-DoD Source] Re: Cyber Threat Initiatives  
>  
> Hey Jason, good to hear from you!  
>  
> Yes, lets get something on the calendar and go from there. In the HACCS meeting you saw just a small set of what we are working on. We plan to expose a larger portion of their operations (current and past) in the upcoming PI meeting in Atlanta (June 8th). I would suggest we schedule something for mid/late June so you and your team will get the opportunity to be exposed to the full spectrum of research we are doing on this particular actor.  
>  
> I can fly out to meet you guys, or we are more than happy to host you at Georgia Tech. Totally up to you.  
>  
> Does that sound reasonable to you?  
>  
> Thanks,  
>  
> -  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>  
>  
> \_\_\_\_\_  
> From: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>  
> Sent: Wednesday, April 25, 2018 2:11:55 PM  
> To: Antonakakis, Manos  
> Cc: Keromytis, Angelos; OGBUAWA, OKECHUKWU N SA USAF AFOSI AFOSI/ICON; VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY; GEE, TYSON L SA USAF AFOSI AFOSI/XRC  
> Subject: Cyber Threat Initiatives  
>  
> Manos,  
>  
> Sorry for the delay in my follow up from our brief interaction at HACCS.  
> I'd like to get you linked up with our ops side of the house to discuss what you've learned about a threat we are interested in. We can host you here in Quantico, out in San Antonio, or we can travel to you (whichever is most convenient). As I mentioned previously, I would hope we could promote a mutually-beneficial information-sharing relationship.  
>  
> For now, let's try to nail down a location, date, & time to meet and go from there.  
>  
> Looking forward to this discussion!  
>  
> Thanks & Regards,  
>  
> Jason D. Stambaugh, SA, USAF  
> Deputy PM for Cyber Training  
> AFOSI Cyber Investigations & Ops  
>  
> Comm: (571) 305-8850  
> DSN: 240-8850  
> NSTS: 918-5739  
>  
> SIPR: jason.d.stambaugh2.mil@mail.smil.mil  
> JWICS: jason.stambaugh@af.ic.gov  
>  
>  
>  
>

From: Angelos D. Keromytis [REDACTED]  
Sent on: Wednesday, January 31, 2018 5:29:20 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: Daniel

Oh well.

> On Jan 31, 2018, at 12:13, Antonakakis, Manos <manos@gatech.edu> wrote:  
>  
> Angele please tell Jonathan that Alenka kill this case internally. The reason was that he works too close to her area (?!?).  
>  
> My apologies, but I tried.  
>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>  
>  
> \_\_\_\_\_  
> From: Jonathan M. Smith <jms@cis.upenn.edu>  
> Sent: Monday, January 29, 2018 2:59 PM  
> To: Antonakakis, Manos  
> Subject: Daniel  
>  
> <https://www.cis.upenn.edu/~danielg3/>  
>  
> -JMS  
>  
> Jonathan M. Smith  
> Pompa Professor, Professor of CIS  
> University of Pennsylvania  
> Philadelphia, PA 19104

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Monday, August 28, 2017 2:35:01 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>; dagon@sudo.sh

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Monday, August 28, 2017 2:34:59 PM

Subject: Re: DARPA domains

Attachments: Nameless.txt (961 Bytes)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, November 29, 2017 3:43:52 AM  
To: GAMBINO, DANIELLE M CIV USAF AFMC AFRL/RIGB <danielle.gambino@us.af.mil>  
CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>; Maddern, Thomas (contr-i2o) <Thomas.Maddern.ctr@darpa.mil>  
Subject: Re: DARPA EA PI Meeting - Draft Slides Due

Danielle, you should have the slides via AMRDEC.

As I noted in the AMRDEC email, while I have no problem presenting them in the PI meeting, I think we should restrict the electronic distribution of this deck. There are too many TTPs listed that if they are accidentally leaked, we will be losing unique sources and methods we are using for this type of attribution analysis.

I will leave the final decision to Angelos, Tejas and Tom on this one.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Tuesday, November 28, 2017 5:32:06 PM  
To: GAMBINO, DANIELLE M CIV USAF AFMC AFRL/RIGB  
Cc: Keromytis, Angelos; Patel, Tejas (contr-i2o); Maddern, Thomas (contr-i2o)  
Subject: Re: DARPA EA PI Meeting - Draft Slides Due

Hey Danielle, I will send over the slide late Wednesday. Tejas and/or Angelos can explain the reason.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: GAMBINO, DANIELLE M CIV USAF AFMC AFRL/RIGB <danielle.gambino@us.af.mil>  
Sent: Tuesday, November 28, 2017 9:39:29 AM  
To: ncostigan@behaviosec.com; ideutschmann@behaviosec.com; Brian Kirk; wright@ainfosec.com; dorar@ainfosec.com; scott.tenaglia@invincea.com; chris.greamo@invincea.com; Antonakakis, Manos; mikef@kududyn.com; James Nuttall; Ben.Radford@soteradefense.com; Emmy.thompson@soteradefense.com; James.lobb@soteradefense.com; Michelle Lossau; schwab@isi.edu; brigidann@usc.edu  
Cc: Keromytis, Angelos; Patel, Tejas (contr-i2o); Maddern, Thomas (contr-i2o); GAMBINO, DANIELLE M CIV USAF AFMC AFRL/RIGB  
Subject: DARPA EA PI Meeting - Draft Slides Due

Good Morning,

This is a friendly reminder that your draft presentation material is due within three (3) days prior to each presentation. Please upload your slides into the TFIMS file storage area. Alternatively, you are welcome to send the slides via AMRDEC

(in case TFIMS is giving you a hard time).

Looking forward to seeing everyone on Friday!

Safe Travels,  
Danielle

Computer Scientist, Cyber Operations Branch (RIGB)  
Air Force Research Laboratory  
COMM: (315) 330-4822 DSN: 587-4822  
NIPR: Danielle.Gambino@us.af.mil  
JWICs: Danielle.Gambino@rome.ic.gov



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, November 29, 2017 4:21:47 PM  
To: GAMBINO, DANIELLE M CIV USAF AFMC AFRL/RIGB <danielle.gambino@us.af.mil>  
CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>; Maddern, Thomas (contr-i2o) <Thomas.Maddern.ctr@darpa.mil>  
Subject: Re: DARPA EA PI Meeting - Presentation Slide Distribution Statements

Folks, I just sent the properly annotated slides to everyone but Angelos. At this point I do not think there is anything else that needs to be done from the GT side for the PI meeting.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: GAMBINO, DANIELLE M CIV USAF AFMC AFRL/RIGB <danielle.gambino@us.af.mil>  
Sent: Wednesday, November 29, 2017 10:46:19 AM  
To: ncostigan@behaviorsec.com; ideutschmann@behaviorsec.com; Brian Kirk; wright@ainfosec.com; dorar@ainfosec.com; scott.tenaglia@twosixlabs.com; Antonakakis, Manos; mikef@kududyn.com; James Nuttall; Ben.Radford@soteradefense.com; Emmy.thompson@soteradefense.com; James.lobb@soteradefense.com; schwab@isi.edu; brigidann@usc.edu  
Cc: Keromytis, Angelos; Patel, Tejas (contr-i2o); Maddern, Thomas (contr-i2o)  
Subject: DARPA EA PI Meeting - Presentation Slide Distribution Statements

Good Morning,

In preparation for Friday's PI meeting, we need to ensure the distribution markings are properly added to your slides.

Kudu and GT please add the following markings to your slides:

DISTRIBUTION F. Further Distribution authorized only as directed by AFRL/RIGB 525 Brooks Road, Rome NY 13441 or higher DoD authority. 29 NOV 2017.

All other teams, please add the following to your slides:

DISTRIBUTION C. Distribution authorized to U.S. Government Agencies and their contractors; Administrative or Operational Use; 29 NOV 2017. Other requests for this document shall be referred to AFRL/RIGB 525 Brooks Road, Rome NY 13441.

Let me know if you have any questions.

v/r,  
Danielle

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, December 4, 2017 9:38:52 PM  
To: GAMBINO, DANIELLE M CIV USAF AFMC AFRL/RIGB <danielle.gambino@us.af.mil>  
CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>; Maddern, Thomas (contr-i2o) <Thomas.Maddern.ctr@darpa.mil>  
Subject: Re: DARPA EA PI Meeting Slides

Just sent them to you via ARMDEC.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: GAMBINO, DANIELLE M CIV USAF AFMC AFRL/RIGB <danielle.gambino@us.af.mil>  
Sent: Monday, December 4, 2017 4:05:17 PM  
To: ncostigan@behaviorsec.com; ideutschmann@behaviorsec.com; Brian Kirk; wright@ainfosec.com; scott.tenaglia@twosixlabs.com; Antonakakis, Manos; mikef@kududyn.com; James Nuttall; Ben.Radford@soteradefense.com; schwab@isi.edu  
Cc: Keromytis, Angelos; Patel, Tejas (contr-i2o); Maddern, Thomas (contr-i2o); GAMBINO, DANIELLE M CIV USAF AFMC AFRL/RIGB  
Subject: RE: DARPA EA PI Meeting Slides

All,

My apologies, please keep the distro statement on the slides presented on Friday.

For future presentations, please do not include the distro statement.

Danielle

-----Original Message-----

From: GAMBINO, DANIELLE M CIV USAF AFMC AFRL/RIGB  
Sent: Monday, December 04, 2017 3:13 PM  
To: 'ncostigan@behaviorsec.com' <ncostigan@behaviorsec.com>; 'ideutschmann@behaviorsec.com' <ideutschmann@behaviorsec.com>; 'Brian Kirk' <bkirk@behaviorsec.com>; 'wright@ainfosec.com' <wright@ainfosec.com>; 'scott.tenaglia@twosixlabs.com' <scott.tenaglia@twosixlabs.com>; 'Antonakakis, Manos' <manos@gatech.edu>; 'mikef@kududyn.com' <mikef@kududyn.com>; 'James Nuttall' <james@kududyn.com>; 'Ben.Radford@soteradefense.com' <Ben.Radford@soteradefense.com>; 'schwab@isi.edu' <schwab@isi.edu>  
Cc: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>; 'Maddern, Thomas (contr-i2o)' <Thomas.Maddern.ctr@darpa.mil>; GAMBINO, DANIELLE M CIV USAF AFMC AFRL/RIGB <danielle.gambino@us.af.mil>  
Subject: DARPA EA PI Meeting Slides

Good Afternoon,

It was so great seeing everyone on Friday! This is a friendly reminder that the final version of your presentations are due NLT December 15. Please send them to everyone on the "cc" line via AMRDEC SAFE.

Angelos has requested that the distribution statements be removed from your presentations.

Let me know if you have any questions.

Kindest Regards,  
Danielle

Computer Scientist, Cyber Operations Branch (RIGB) Air Force Research Laboratory  
COMM: (315) 330-4822 DSN: 587-4822  
NIPR: Danielle.Gambino@us.af.mil  
JWICs: Danielle.Gambino@rome.ic.gov

**From:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**Sent on:** Wednesday, November 29, 2017 2:45:12 PM  
**To:** GAMBINO, DANIELLE M CIV USAF AFMC AFRL/RIGB<danielle.gambino@us.af.mil>  
**CC:** Antonakakis, Manos<manos@gatech.edu>; Patel, Tejas (contr-i2o)<tejas.patel.ctr@darpa.mil>; Maddern, Thomas (contr-i2o)<Thomas.Maddern.ctr@darpa.mil>  
**Signed by:** KEROMYTIS.ANGELOS.D.1501999799 on Wednesday, November 29, 2017 2:45:12 PM  
**Subject:** Re: DARPA EA PI Slides Distro Statements  
**Attachments:** Nameless.txt (3.66 KB)

I think only these and Kudu's need to be Distro F. The rest can be B or C.

On Nov 29, 2017, at 09:35, GAMBINO, DANIELLE M CIV USAF AFMC AFRL/RIGB <[danielle.gambino@us.af.mil](mailto:danielle.gambino@us.af.mil)> wrote:

Manos: Thank you - downloaded successfully.

Angelos, Tejas, Tom: We need distribution markings on all the EA slides being presented on Friday - these especially. Attached guidance as a reference. i.e. " DISTRIBUTION STATEMENT F. Further Distribution authorized only as directed by AFRL/RIGB 525 Brooks Road, Rome NY 13441 or higher DoD authority. DD MMM YYYY." Please advise how you would like the statement to read and I will send it out to all the performers.

Kindest Regards,

Danielle

-----Original Message-----

From: Antonakakis, Manos [<mailto:manos@gatech.edu>]

Sent: Tuesday, November 28, 2017 10:44 PM

To: GAMBINO, DANIELLE M CIV USAF AFMC AFRL/RIGB <[danielle.gambino@us.af.mil](mailto:danielle.gambino@us.af.mil)>

Cc: Keromytis, Angelos <[angelos.keromytis@darpa.mil](mailto:angelos.keromytis@darpa.mil)>; Patel, Tejas (contr-i2o) <[tejas.patel.ctr@darpa.mil](mailto:tejas.patel.ctr@darpa.mil)>; Maddern, Thomas (contr-i2o) <[Thomas.Maddern.ctr@darpa.mil](mailto:Thomas.Maddern.ctr@darpa.mil)>

Subject: [Non-DoD Source] Re: DARPA EA PI Meeting - Draft Slides Due

Danielle, you should have the slides via AMRDEC.

As I noted in the AMRDEC email, while I have no problem presenting them in the PI meeting, I think we should restrict the electronic distribution of this deck. There are too many TTPs listed that if they are accidentally leaked, we will be losing unique sources and methods we are using for this type of attribution analysis.

I will leave the final decision to Angelos, Tejas and Tom on this one.

Thanks,

-

Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos

Sent: Tuesday, November 28, 2017 5:32:06 PM

To: GAMBINO, DANIELLE M CIV USAF AFMC AFRL/RIGB

Cc: Keromytis, Angelos; Patel, Tejas (contr-i2o); Maddern, Thomas (contr-i2o)

Subject: Re: DARPA EA PI Meeting - Draft Slides Due

Hey Danielle, I will send over the slide late Wednesday. Tejas and/or Angelos can explain the reason.

Thanks,

-

Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: GAMBINO, DANIELLE M CIV USAF AFMC AFRL/RIGB <[danielle.gambino@us.af.mil](mailto:danielle.gambino@us.af.mil)>

Sent: Tuesday, November 28, 2017 9:39:29 AM

To: [ncostigan@behaviorsec.com](mailto:ncostigan@behaviorsec.com); [ideutschmann@behaviorsec.com](mailto:ideutschmann@behaviorsec.com); Brian Kirk; [wright@ainfosec.com](mailto:wright@ainfosec.com); [dorar@ainfosec.com](mailto:dorar@ainfosec.com); [scott.tenaglia@invincea.com](mailto:scott.tenaglia@invincea.com);

[chris.greamo@invincea.com](mailto:chris.greamo@invincea.com); Antonakakis, Manos; [mikef@kududyn.com](mailto:mikef@kududyn.com); James Nuttall;  
[Ben.Radford@soteradefense.com](mailto:Ben.Radford@soteradefense.com); [Emmy.thompson@soteradefense.com](mailto:Emmy.thompson@soteradefense.com);  
[James.lobb@soteradefense.com](mailto:James.lobb@soteradefense.com); Michelle Lossau; [schwab@isi.edu](mailto:schwab@isi.edu); [bridgann@usc.edu](mailto:bridgann@usc.edu)

Cc: Keromytis, Angelos; Patel, Tejas (contr-i2o); Maddern, Thomas (contr-i2o); GAMBINO,  
DANIELLE M CIV USAF AFMC AFRL/RIGB

Subject: DARPA EA PI Meeting - Draft Slides Due

Good Morning,

This is a friendly reminder that your draft presentation material is due within three (3) days prior to each presentation. Please upload your slides into the TFIMS file storage area. Alternatively, you are welcome to send the slides via AMRDEC (in case TFIMS is giving you a hard time).

Looking forward to seeing everyone on Friday!

Safe Travels,

Danielle

Computer Scientist, Cyber Operations Branch (RIGB) Air Force Research Laboratory

COMM: (315) 330-4822 DSN: 587-4822

NIPR: [Danielle.Gambino@us.af.mil](mailto:Danielle.Gambino@us.af.mil)

JWICs: [Danielle.Gambino@rome.ic.gov](mailto:Danielle.Gambino@rome.ic.gov)

<Distribution Statements.png>

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Monday, June 4, 2018 2:27:35 PM  
To: Smith, Jonathan <jonathan.smith@darpa.mil>  
CC: Kintis, Panagiotis <kintis@gatech.edu>; Keromytis, Angelos <angelos.keromytis@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Subject: Re: DARPA Riser Selection

Ok, let meet in my office then at 15.30. Pano, send invites all around.

Thanks,

---

Typos due to mobile device ...

> On Jun 4, 2018, at 09:24, Smith, Jonathan <jonathan.smith@darpa.mil> wrote:

>

> Manos:

> Of course; before dinner.

> -JMS

>

>

> On 6/4/18, 9:09 AM, "Antonakakis, Manos" <manos@gatech.edu> wrote:

>

> JMS, Thursday we will have the AFOSI folks from San Antonio in the lab all day. They want a deeper dive into the analysis we will present in the PI meeting on Friday. Chris and Tejas will be there as well.

>

> If we going to make this Thursday, it has to be late afternoon (around 15.00 or later).

>

> Thanks,

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_

> From: Smith, Jonathan <jonathan.smith@darpa.mil>

> Sent: Monday, June 4, 2018 9:06:39 AM

> To: Kintis, Panagiotis; Antonakakis, Manos

> Cc: Keromytis, Angelos; Schneck, Christopher (contr-i2o)

> Subject: Re: DARPA Riser Selection

>

> Do you have time on Thu. afternoon?

> -JMS

>

>

> From: "Kintis, Panagiotis" <kintis@gatech.edu>

> Date: Friday, June 1, 2018 at 4:10 PM

> To: "Antonakakis, Manos" <manos@gatech.edu>

> Cc: "Kintis, Panagiotis" <kintis@gatech.edu>, Jonathan Smith <jonathan.smith@darpa.mil>, Angelos Keromytis <angelos.keromytis@darpa.mil>, Christopher Schneck <christopher.schneck.ctr@darpa.mil>

> Subject: Re: DARPA Riser Selection

>

> I am truly honored to participate in the Symposium as a DARPA Riser. JMS, thank you so much for the nomination and

your help! I really appreciate the opportunity to talk about our work to the rest of the community!

>  
> I am available any time next week to discuss about next steps.

>  
> Thank you,

>  
> Panagiotis (Panos), Kintis.  
> [hxxp://about.me/kintis](http://hxxp://about.me/kintis)  
> [kintis@gatech.edu](mailto:kintis@gatech.edu) <<mailto:kintis@gatech.edu>>  
> [panagiotious@gmail.com](mailto:panagiotious@gmail.com) <<mailto:panagiotious@gmail.com>>  
> P Think before you print!

>  
>  
> On Jun 1, 2018, at 15:53, Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu) <<mailto:manos@gatech.edu>>> wrote:

>  
> Pano, you should thank JMS for this.  
>  
> Next week, JMS will be in town alongside Angelo and Chris. We should discuss what would be in the best interest of the program for you to present in D60.

>  
> Thanks,

>  
> —  
> Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu) <<mailto:manos@gatech.edu>>  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Kintis, Panagiotis  
> Sent: Friday, June 1, 2018 3:37:44 PM  
> To: Antonakakis, Manos  
> Subject: Fwd: DARPA Riser Selection

>  
> Received the invite for the Symposium! Need to prepare for a presentation now. We should probably talk about this after Friday!

>  
> Panagiotis (Panos), Kintis.  
> [hxxp://about.me/kintis](http://hxxp://about.me/kintis)  
> [kintis@gatech.edu](mailto:kintis@gatech.edu) <<mailto:kintis@gatech.edu>>  
> [panagiotious@gmail.com](mailto:panagiotious@gmail.com) <<mailto:panagiotious@gmail.com>>  
> P Think before you print!

>  
> Begin forwarded message:

>  
> From: DARPA60 <[DARPA60@darpa.mil](mailto:DARPA60@darpa.mil) <<mailto:DARPA60@darpa.mil>>>  
> Subject: DARPA Riser Selection  
> Date: June 1, 2018 at 15:16:44 EDT  
> To: ""[panagiotious@gmail.com](mailto:panagiotious@gmail.com) <<mailto:panagiotious@gmail.com>>""  
<[panagiotious@gmail.com](mailto:panagiotious@gmail.com) <<mailto:panagiotious@gmail.com>>>, ""[kintis@gatech.edu](mailto:kintis@gatech.edu) <<mailto:kintis@gatech.edu>>""  
<[kintis@gatech.edu](mailto:kintis@gatech.edu) <<mailto:kintis@gatech.edu>>>  
> Cc: "Smith, Jonathan" <[jonathan.smith@darpa.mil](mailto:jonathan.smith@darpa.mil) <<mailto:jonathan.smith@darpa.mil>>>, "Wilkerson, Kiely (contr-i2o)"  
<[Christine.Wilkerson.ctr@darpa.mil](mailto:Christine.Wilkerson.ctr@darpa.mil) <<mailto:Christine.Wilkerson.ctr@darpa.mil>>>, "Veney, Charlene (contr-i2o)"  
<[Charlene.Veney.ctr@darpa.mil](mailto:Charlene.Veney.ctr@darpa.mil) <<mailto:Charlene.Veney.ctr@darpa.mil>>>, DARPA60  
<[DARPA60@darpa.mil](mailto:DARPA60@darpa.mil) <<mailto:DARPA60@darpa.mil>>>, "Higgins, Stacey (contr-flt)"  
<[stacey.higgins.ctr@darpa.mil](mailto:stacey.higgins.ctr@darpa.mil) <<mailto:stacey.higgins.ctr@darpa.mil>>>

>



> Dear Mr. Kintis,

>

> Congratulations! The Defense Advanced Research Projects Agency (DARPA) has selected you to participate in the D60, the Agency's 60th Anniversary Symposium, as a DARPA Riser. The events take place September 5-7, 2018, at the Gaylord National in National Harbor, Maryland.

>

> Please see attached for an official selection letter from Dr. Steven H. Walker, DARPA Director.

>

> Confirmation of your participation is required no later than June 15, 2018. Please email your response to darpa60@darpa.mil <<mailto:darpa60@darpa.mil>>.

>

> We look forward to working with you!

> Best regards,

> D60 Planning Team

>

>

>

>

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, November 29, 2018 12:43:55 AM  
To: Newman, Randyll E - GOV <randyll.e.newman@NCIS.NAVY.MIL>; Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>  
CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Subject: Re: Data source

Hey Randyll, very please to meet you today. As we talked about, let's coordinate with Michael and get you and you team visiting Georgia Tech.

Chris/Angelos, this is just an FYI-. If we want to be part of this meeting, we would be happy to include you.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Newman, Randyll E - GOV <randyll.e.newman@NCIS.NAVY.MIL>  
Sent: Wednesday, November 28, 2018 9:47:55 AM  
To: Antonakakis, Manos  
Subject: Data source

Manos

It was nice to meet you. I would like to come down to GTRI and see what you have to offer and to present our needs to you.

Tejas Patel advised GTRI has a data source he was using. Can we get access this data source?

Randyll Newman  
Deputy Assistant Director  
NCIS Cyber Capabilities Integration  
(571) 305-9904

From: Rodney Joffe <rodney.joffe@team.neustar>  
Sent on: Friday, February 12, 2021 5:17:55 PM  
To: Manos Antonakakis <manos@gatech.edu>  
CC: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
Subject: Re: Data subscription extension

We're on it.

> On Feb 12, 2021, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> OK, let start asap. I cannot go back to DARPA and say that I cannot do this because GT is not moving fast enough. I will lose face.

>

> Manos

>

> From: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

> Date: Friday, February 12, 2021 at 11:31 AM

> To: Antonakakis, Manos <manos@gatech.edu>, Rodney Joffe <rodney.joffe@team.neustar>

> Subject: RE: Data subscription extension

>

> Manos,

>

> It really depends on how quickly the subsidiary is able to get registered in the system (outside of our control), send us the quote, and how responsive they are to the inquiries and requests for documentation that procurement needs. I would say probably 3 weeks on the short side accounting for some back and forth between supplier and contracting officer.

>

> Rodney,

>

> Would you please have the new company register as a vendor in our system. No action on our part can be completed until we have the quote and the new company's registration is done. This link will allow for a new account to be set up, including routing details for payments on future invoices. A new PO will be issued.

>

>

> <https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwd5.myworkdaysite.com%2Fsupplier%2Fgatech%2FS>

>

> Let me know if you have questions!

>

> M

>

>

> From: Antonakakis, Manos <manos@gatech.edu>

> Sent: Friday, February 12, 2021 9:29 AM

> To: Rodney Joffe <rodney.joffe@team.neustar>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

> Subject: Re: Data subscription extension

>

> Rodney this makes sense.

>

> Michael, can I get an ETA on this being one?

>

> Thanks, Manos

>

> From: Rodney Joffe <rodney.joffe@team.neustar>

> Date: Thursday, February 11, 2021 at 9:39 PM

> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

> Cc: Antonakakis, Manos <manos@gatech.edu>

> Subject: Re: Data subscription extension

>

> Hello Michael,

>

> Thank you for the opportunity.

>

> I will have the quote prepared for you by Monday. It will be a new quote, with the same general terms and conditions as the original contract. However, it will cover 3 months, and it will confirm that if needed, an additional PO for the remainder of 2021 will be valid at the same rate and terms.

>

> Will this work for your purposes, or will you need any other changes?

>

> One point from Neustar's side - we now contract for all sensitive contracts through our Government Subsidiary, ERP Services, Inc, a wholly owned subsidiary of Neustar, Inc. I assume this will also not be an issue for you?

>

> Regards

> Rodney

> =====

> Rodney Joffe

> SVP, and Fellow

> National Security Executive

> Neustar, Inc.

> 45980 Center Oak Plaza

> Sterling VA 20166

> USA

> +1 202-533-2900 Direct

> +1 602-418-6471 Cell

> rodney.joffe@team.neustar

>

> > On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

> >

> > Good Afternoon Rodney,

> >

> > I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!

> >

> > Thanks,

> >

> > Michael Mitchell

> >

> > Research Operations Program Manager

> > GEORGIA Institute

> > of TECH nology

> > School of Electrical and Computer Engineering

> > 777 Atlantic Drive NW

> > Atlanta, GA 30332-0765

> > Office: 404-385-8122

> > Mobile: 770-655-8039

>

From: Rodney Joffe <rodney.joffe@team.neustar>  
Sent on: Wednesday, April 14, 2021 7:42:47 PM  
To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
CC: Manos Antonakakis <manos@gatech.edu>; Colin Monaghan <colin.monaghan@team.neustar>  
Subject: Re: Data subscription extension

Hello Michael,

Many thanks. Putting it into process now.

Regards  
Rodney

> On Apr 14, 2021, at 2:31 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>

> Hey Rodney,

>

> I was following up on the requisition that I put in for this and found that the PO was executed for this. The PO number is PO-5145022. If you have not yet done so, would you please send an invoice for this PO to [apinvoices@gatech.edu](mailto:apinvoices@gatech.edu) with a subject line of PO-5145022?

>

> Let me know if you have any questions or need help on this.

>

> Thanks!

>

> Michael

>

> -----Original Message-----

> From: Rodney Joffe <rodney.joffe@team.neustar>

> Sent: Friday, February 12, 2021 2:57 PM

> To: Antonakakis, Manos <manos@gatech.edu>

> Cc: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

> Subject: Re: Data subscription extension

>

> Hi Manos and Michael,

>

> We think we have accurately completed the registration form. Please let me know if there is anything else needed.

>

> Thanks!

> Rodney

>

>

>> On Feb 12, 2021, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>

>> OK, let start asap. I cannot go back to DARPA and say that I cannot do this because GT is not moving fast enough. I will lose face.

>>

>>

>>

>> Manos

>>

>>

>>

>> From: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

>> Date: Friday, February 12, 2021 at 11:31 AM

>> To: Antonakakis, Manos <manos@gatech.edu>, Rodney Joffe <rodney.joffe@team.neustar>

>> Subject: RE: Data subscription extension

>>

>> Manos,

>>

>>

>>

>> It really depends on how quickly the subsidiary is able to get registered in the system (outside of our control), send us the quote, and how responsive they are to the inquiries and requests for documentation that procurement needs. I would say probably 3 weeks on the short side accounting for some back and forth between supplier and contracting officer.

>>

>>

>>

>> Rodney,

>>

>>

>>

>> Would you please have the new company register as a vendor in our system. No action on our part can be completed until we have the quote and the new company's registration is done. This link will allow for a new account to be set up, including routing details for payments on future invoices. A new PO will be issued.

>>

>>

>>

>>

[https://urldefense.com/v3/ https://nam12.safelinks.protection.outlook.com/?url=https\\*3A\\*2F\\*2Fwd5.myworkdaysite.com\\*2fPRReRde8WJTHWYIs0KygZULJChquUn\\_8DaNIm777TynPgnw\\$](https://urldefense.com/v3/https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwd5.myworkdaysite.com%2FPRReRde8WJTHWYIs0KygZULJChquUn_8DaNIm777TynPgnw$)

>>

>>

>>

>> Let me know if you have questions!

>>

>>

>>

>> M

>>

>>

>>

>>

>>

>> From: Antonakakis, Manos <manos@gatech.edu>

>> Sent: Friday, February 12, 2021 9:29 AM

>> To: Rodney Joffe <rodney.joffe@team.neustar>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

>> Subject: Re: Data subscription extension

>>

>>

>>

>> Rodney this makes sense.

>>

>>

>>

>> Michael, can I get an ETA on this being one?

>>

>>

>>

>> Thanks, Manos

>>

>>

>>  
>> From: Rodney Joffe <rodney.joffe@team.neustar>  
>> Date: Thursday, February 11, 2021 at 9:39 PM  
>> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
>> Cc: Antonakakis, Manos <manos@gatech.edu>  
>> Subject: Re: Data subscription extension  
>>  
>> Hello Michael,  
>>  
>> Thank you for the opportunity.  
>>  
>> I will have the quote prepared for you by Monday. It will be a new quote, with the same general terms and conditions as the original contract. However, it will cover 3 months, and it will confirm that if needed, an additional PO for the remainder of 2021 will be valid at the same rate and terms.  
>>  
>> Will this work for your purposes, or will you need any other changes?  
>>  
>> One point from Neustar's side - we now contract for all sensitive contracts through our Government Subsidiary, ERP Services, Inc, a wholly owned subsidiary of Neustar, Inc. I assume this will also not be an issue for you?  
>>  
>> Regards  
>> Rodney  
>> =====  
>> Rodney Joffe  
>> SVP, and Fellow  
>> National Security Executive  
>> Neustar, Inc.  
>> 45980 Center Oak Plaza  
>> Sterling VA 20166  
>> USA  
>> +1 202-533-2900 Direct  
>> +1 602-418-6471 Cell  
>> rodney.joffe@team.neustar  
>>  
>>> On Feb 11, 2021, at 5:05 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:  
>>>  
>>> Good Afternoon Rodney,  
>>>  
>>> I spoke with Manos earlier today regarding the short term extension of our project and the need to extend our data subscription. Would you be able to provide me with a quote for the additional period you discussed? I would greatly appreciate it!  
>>>  
>>> Thanks,  
>>>  
>>> Michael Mitchell  
>>>  
>>> Research Operations Program Manager  
>>> GEORGIA Institute  
>>> of TECH nology  
>>> School of Electrical and Computer Engineering  
>>> 777 Atlantic Drive NW  
>>> Atlanta, GA 30332-0765  
>>> Office: 404-385-8122  
>>> Mobile: 770-655-8039  
>>  
>>  
>>

>>

>



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, January 31, 2018 8:53:56 PM  
To: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: Dates and IPs

Will do tonight. Catching up with many things today.

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
Sent: Wednesday, January 31, 2018 3:13:05 PM  
To: Antonakakis, Manos  
Cc: Keromytis, Angelos  
Subject: Dates and IPs

Manos,

Have you had a chance to look at the sheet Angelos gave you on a Monday?

Regards,  
Tejas

Sent from my iPhone

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Friday, February 2, 2018 12:52:13 AM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Friday, February 2, 2018 12:52:12 AM

Subject: Re: Dates and IPs

Attachments: Nameless.txt (1.84 KB)

From: Rodney Joffe <rodney.joffe@team.neustar>

Sent on: Monday, February 18, 2019 2:59:56 AM

To: Adm. Mike Mullen <mike.mullen@mgmconsulting.net>

CC: Charlie Gottdiener <Charles.Gottdiener@team.neustar>; Achanta, Venkat <Venkat.Achanta@team.neustar>; Manos Antonakakis <manos@gatech.edu>; Dr. Angelos Keromytis Ph.D. <angelos@gatech.edu>; Karin Vernazza <karin.vernazza@mgmconsulting.net>

Subject: Re: Dinner, Kyma Greek Restaurant

Ack. I will add her as an option attendee.

At Neustar our EAs get the notifications automatically.

> On Feb 17, 2019, at 9:58 PM, Mike Mullen <mike.mullen@mgmconsulting.net> wrote:

>  
> Rodney, as you generate these schedules, please copy Karin. Thanks, Mike

>> On Feb 17, 2019, at 4:57 PM, Joffe, Rodney <Rodney.Joffe@team.neustar> wrote:

>> When: Wednesday, March 27, 2019 6:05 PM-8:00 PM. (UTC-05:00) Eastern Time (US & Canada)

>> Where: 3085 Piedmont Rd NE, Atlanta, GA 30305

>> \*~\*~\*~\*~\*~\*~\*~\*~\*~\*

>> <https://buckheadrestaurants.com/restaurant/kyma/>

>> <Mail Attachment.ics>

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Tuesday, February 27, 2018 12:31:51 AM

To: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>; Denz, Mary (contr-i2o) <mary.denz.ctr@darpa.mil>; Maddern, Thomas (contr-i2o) <Thomas.Maddern.ctr@darpa.mil>; Beltz, Steven <steven.beltz@darpa.mil>

Subject: Re: Dinner

Folks, it will take me roughly 20 minutes to drive up the 5th street during that time of the day. May I trouble you with a .5M (or 10 minutes) walk between Renaissance and Klaus Advance Computing building?

<https://maps.google.com/?q=118a+Ferst+Dr+NW&entry=gmail&source=g>

I will be waiting you downstairs and will drive you to and from the restaurant. The 5th street is notoriously bad that time of the day.

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>

Sent: Monday, February 26, 2018 1:19 PM

To: Keromytis, Angelos; Denz, Mary (contr-i2o); Maddern, Thomas (contr-i2o); Beltz, Steven; Antonakakis, Manos

Subject: Dinner

When: Thursday, March 1, 2018 6:30 PM-8:30 PM.

Where: Kyma, 3085 Piedmont Rd NE, Atlanta, GA 30305

Reservations are for 1830.

Manos and Angelos to coordinate transportation to/from hotel (Renaissance, 866 W Peachtree St NW, Atlanta, GA 30308) to Kyma (3085 Piedmont Rd NE, Atlanta, GA 30305).

Angelos, Mary, and Tom will be together.

Tejas will be arriving separate.

Steve has not booked tickets yet and is a maybe.

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Tuesday, February 27, 2018 1:11:38 AM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>; Denz, Mary (contr-i2o) <mary.denz.ctr@darpa.mil>; Maddern, Thomas (contr-i2o) <Thomas.Maddern.ctr@darpa.mil>; Beltz, Steven <steven.beltz@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, February 27, 2018 1:11:37 AM

Subject: Re: Dinner

Attachments: Nameless.txt (1.39 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, April 6, 2018 4:51:51 PM  
To: Smith, Jonathan <jonathan.smith@darpa.mil>  
CC: Everett, John <john.everett@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: Discussion follow up and information sharing

Here you go, JMS.

campus2-rtr (cisco WS-C6509-V-E) -> BCDC1-rtr (cisco WS-C6509-V-E) -> bcdc-nexus-K29-UP-A (cisco Nexus 5596 Chassis with FEXs)

```
campus2-rtr#sh ver
Cisco IOS Software, s2t54 Software (s2t54-ADVIPSERVICESK9-M), Version 15.1(2)SY6, RELEASE SOFTWARE (fc4)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2015 by Cisco Systems, Inc.
Compiled Thu 10-Sep-15 01:36 by prod_rel_team
```

```
ROM: System Bootstrap, Version 12.2(50r)SYS2, RELEASE SOFTWARE (fc1)
```

```
campus2-rtr uptime is 1 year, 35 weeks, 3 days, 21 hours, 19 minutes
Uptime for this control processor is 1 year, 28 weeks, 13 hours, 45 minutes
System returned to ROM by Stateful Switchover
System restarted at 20:29:54 EDT Sat Sep 17 2016
System image file is "bootdisk:s2t54-advipservicesk9-mz.SPA.151-2.SY6.bin"
Last reload reason: power-on
```

This product contains cryptographic features and is subject to United States and local country laws governing import, export, transfer and use. Delivery of Cisco cryptographic products does not imply third-party authority to import, export, distribute or use encryption. Importers, exporters, distributors and users are responsible for compliance with U.S. and local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be found at:  
<http://www.cisco.com/www/export/crypto/tool/stqrg.html>

If you require further assistance please contact us by sending email to [export@cisco.com](mailto:export@cisco.com).

```
cisco WS-C6509-V-E (M8572) processor (revision ) with 1785856K/262144K bytes of memory.
Processor board ID FOX1418GY6U
CPU: MPC8572_E, Version: 2.2, (0x80E80022)
CORE: E500, Version: 3.0, (0x80210030)
CPU:1500MHz, CCB:600MHz, DDR:600MHz
L1: D-cache 32 kB enabled
I-cache 32 kB enabled
```

```
Last reset from power-on
57 Virtual Ethernet interfaces
```

102 Gigabit Ethernet interfaces  
44 Ten Gigabit Ethernet interfaces  
16 Forty Gigabit Ethernet interfaces  
2543K bytes of non-volatile configuration memory.

Configuration register is 0x2102

bcdc1-rtr#sh ver

Cisco IOS Software, s2t54 Software (s2t54-ADVIPSERVICESK9-M), Version 15.2(1)SY1a, RELEASE SOFTWARE (fc6)

Technical Support: <http://www.cisco.com/techsupport>

Copyright (c) 1986-2015 by Cisco Systems, Inc.

Compiled Tue 29-Sep-15 15:57 by prod\_rel\_team

ROM: System Bootstrap, Version 12.2(50r)SYS3, RELEASE SOFTWARE (fc1)

bcdc1-rtr uptime is 1 year, 14 weeks, 4 days, 3 hours, 35 minutes  
Uptime for this control processor is 1 year, 14 weeks, 4 days, 3 hours, 36 minutes  
System returned to ROM by reload at 05:37:25 EST Wed Dec 21 2016  
System restarted at 05:38:58 EST Wed Dec 21 2016  
System image file is "bootdisk:s2t54-advipservicesk9-mz.SPA.152-1.SY1a.bin"  
Last reload reason: Admin CLI

This product contains cryptographic features and is subject to United States and local country laws governing import, export, transfer and use. Delivery of Cisco cryptographic products does not imply third-party authority to import, export, distribute or use encryption. Importers, exporters, distributors and users are responsible for compliance with U.S. and local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be found at:

<http://www.cisco.com/wwl/export/crypto/tool/stqrg.html>

If you require further assistance please contact us by sending email to [export@cisco.com](mailto:export@cisco.com).

cisco WS-C6509-V-E (M8572) processor (revision ) with 1785856K/262144K bytes of memory.

Processor board ID FOX1210G4ZX

CPU: MPC8572\_E, Version: 2.2, (0x80E80022)

CORE: E500, Version: 3.0, (0x80210030)

CPU:1500MHz, CCB:600MHz, DDR:600MHz

L1: D-cache 32 kB enabled

I-cache 32 kB enabled

Last reset from s/w reset

62 Virtual Ethernet interfaces

102 Gigabit Ethernet interfaces

117 Ten Gigabit Ethernet interfaces

8 Forty Gigabit Ethernet interfaces

2543K bytes of non-volatile configuration memory.

Configuration register is 0x2102

bcdc-nexus-K29-UP-A# sh ver

Cisco Nexus Operating System (NX-OS) Software

TAC support: <http://www.cisco.com/tac>

Documents: [http://www.cisco.com/en/US/products/ps9372/tsd\\_products\\_support\\_series\\_home.html](http://www.cisco.com/en/US/products/ps9372/tsd_products_support_series_home.html)

Copyright (c) 2002-2013, Cisco Systems, Inc. All rights reserved.

The copyrights to certain works contained herein are owned by other third parties and are used and distributed under license.

Some parts of this software are covered under the GNU Public License. A copy of the license is available at

<http://www.gnu.org/licenses/gpl.html>.

#### Software

BIOS: version 3.6.0

loader: version N/A

kickstart: version 6.0(2)N2(3)

system: version 6.0(2)N2(3)

Power Sequencer Firmware:

Module 1: version v5.0

Module 2: version v1.0

Module 3: version v1.0

Microcontroller Firmware: version v1.0.0.2

SFP uC: Module 1: v1.0.0.0

QSFP uC: Module not detected

BIOS compile time: 05/09/2012

kickstart image file is: bootflash:///n5000-uk9-kickstart.6.0.2.N2.3.bin

kickstart compile time: 12/17/2013 2:00:00 [12/17/2013 07:52:59]

system image file is: bootflash:///n5000-uk9.6.0.2.N2.3.bin

system compile time: 12/17/2013 2:00:00 [12/17/2013 11:02:31]

#### Hardware

cisco Nexus 5596 Chassis ("O2 48X10GE/Modular Supervisor")

Intel(R) Xeon(R) CPU with 8253856 kB of memory.

Processor Board ID JAF1521CNNE

Device name: bcdc-nexus-K29-UP-A

bootflash: 2007040 kB

Kernel uptime is 1507 day(s), 1 hour(s), 36 minute(s), 32 second(s)

Last reset at 972228 usecs after Sat Feb 15 07:42:54 2014

Reason: Reset Requested by CLI command reload

System version: 6.0(2)N2(3)

Service:

plugin

Core Plugin, Ethernet Plugin, Fc Plugin



bcdc-nexus-K29-UP-A#

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Smith, Jonathan <jonathan.smith@darpa.mil>  
Sent: Friday, April 6, 2018 11:47:19 AM  
To: Antonakakis, Manos  
Cc: Everett, John; Keromytis, Angelos  
Subject: Re: Discussion follow up and information sharing

Manos:

Is it possible to get us the software/firmware versions running on the routers?

Thanks,

-JMS

On 4/6/18, 7:44 AM, "Antonakakis, Manos" <manos@gatech.edu> wrote:

cisco Nexus 5596 Chassis with FEXs

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Friday, April 6, 2018 7:55:35 AM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Everett, John <john.everett@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Friday, April 6, 2018 7:45:55 AM

Subject: Re: Discussion follow up and information sharing

Attachments: Nameless.txt (1.39 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Thursday, June 14, 2018 7:09:50 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Thursday, June 14, 2018 7:09:47 PM

Subject: Re: DNS Data Availability

Attachments: Nameless.txt (3.63 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, November 17, 2017 7:39:54 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
Subject: Re: DoD Employee looking for contact info (Cyber Attribution Team)

ack

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent: Friday, November 17, 2017 2:25:14 PM  
To: Antonakakis, Manos; Patel, Tejas (contr-i2o)  
Subject: RE: DoD Employee looking for contact info (Cyber Attribution Team)

Ignore the fact she's at NPS or the Navy. Respond as you would to anyone else.  
-Angelos

-----Original Message-----

From: Antonakakis, Manos [<mailto:manos@gatech.edu>]  
Sent: Friday, November 17, 2017 2:07 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
Subject: Fwd: DoD Employee looking for contact info (Cyber Attribution Team)

How should I handle this?

---  
Typos due to mobile device ...

Begin forwarded message:

From: "Keen, Kayla (CIV)" <knkeen@nps.edu <<mailto:knkeen@nps.edu>> >  
Date: November 17, 2017 at 12:42:16 EST  
To: "manos@gatech.edu <<mailto:manos@gatech.edu>> " <manos@gatech.edu <<mailto:manos@gatech.edu>> >  
Subject: RE: DoD Employee looking for contact info (Cyber Attribution Team)

Professor Antonakakis,

My name is Kayla Keen. I am a DoD civilian employee, currently pursuing my PhD in Computer Science at the Naval Postgraduate School (NPS). I am trying to narrow down a topic for my dissertation research and am particularly interested in attribution information gained from binaries. I found your research in my deep dive, and was interested in learning more. Please let me know if you are interested in collaborating; I would be happy to set up a short meeting.

R,

Kayla

Kayla Keen

(443) 975-8064

knkeen@nps.edu <<mailto:knkeen@nps.edu>>

kayla.keen@navy.mil <<mailto:kayla.keen@navy.mil>>

---

From: Toon, John D [john.toon@comm.gatech.edu <<mailto:john.toon@comm.gatech.edu>> ]  
Sent: Thursday, November 16, 2017 6:00 PM  
To: Keen, Kayla (CIV)  
Cc: kayla.keen@navy.mil <<mailto:kayla.keen@navy.mil>>  
Subject: RE: DoD Employee looking for contact info (Cyber Attribution Team)

Hi Kayla,

Thanks for your interest. I might suggest you contact Manos Antonakakis. He's a professor in our School of Electrical Engineering and one of the principal researchers involved in the work.

manos@gatech.edu <<mailto:manos@gatech.edu>>

From: Keen, Kayla (CIV) [<mailto:knkeen@nps.edu>]  
Sent: Thursday, November 16, 2017 7:59 PM  
To: Toon, John D <john.toon@comm.gatech.edu <<mailto:john.toon@comm.gatech.edu>> >  
Cc: kayla.keen@navy.mil <<mailto:kayla.keen@navy.mil>>  
Subject: DoD Employee looking for contact info (Cyber Attribution Team)

John,

I saw you listed as a POC in the following article: <http://www.rh.gatech.edu/news/584327/17-million-contract-will-help-establish-science-cyber-attribution> <<http://www.rh.gatech.edu/news/584327/17-million-contract-will-help-establish-science-cyber-attribution>>

My name is Kayla Keen. I am a DoD civilian employee, currently pursuing my PhD in Computer Science at the Naval Postgraduate School (NPS).

I am trying to narrow down a topic for my dissertation research and am particularly interested in security aspects of computing, including attribution.

Specifically, I was hoping you could provide contact information for Michael Farrell (<https://iisp.gatech.edu/michael-farrell>) or another POC on the Attribution team.

Thanks!

R,

Kayla

Kayla Keen

(443) 975-8064

knkeen@nps.edu <<mailto:knkeen@nps.edu>>

kayla.keen@navy.mil <<mailto:kayla.keen@navy.mil>>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, September 6, 2017 1:19:30 AM  
To: Aaron, David (NSD) <David.Aaron2@usdoj.gov>; [REDACTED]  
CC: Myers, Zachary (USAMD) <Zachary.Myers@usdoj.gov>; Mitchell, Nicolas (USAMD) <Nicolas.Mitchell@usdoj.gov>; Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: DOJ contact - Case #2

Hey David, very pleased to meet you Sir.

Dave Dagon (CCed) and I are working on a full report for you. We expect to have this ready by the 15th, however, this depends on both the load at the Georgia Tech cluster and the findings as more analysis comes to us from the Attribution Framework.

Please stay tuned --- we will pass information to you asap.

BTW, can you guys use PGP at all?

Cheers,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Aaron, David (NSD) <David.Aaron2@usdoj.gov>  
Sent: Tuesday, September 5, 2017 6:22:32 PM  
To: Antonakakis, Manos  
Cc: Myers, Zachary (USAMD); Mitchell, Nicolas (USAMD); Keromytis, Angelos  
Subject: DOJ contact - Case #2

Manos,

Angelos passed along your email address. I'm his contact at DOJ for Case #2. I wanted to introduce myself in case we have additional information or follow-up questions. I've copied my colleagues, Zach Myers and Nick Mitchell.

Thank you very much for your work on this.

-David

David Aaron  
U.S. Department of Justice  
(202) 307-5190

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Wednesday, September 6, 2017 12:38:49 AM

To: Aaron, David (NSD) <David.Aaron2@usdoj.gov>

CC: Antonakakis, Manos <manos@gatech.edu>; ██████████ Myers, Zachary (USAMD) <Zachary.Myers@usdoj.gov>;

Mitchell, Nicolas (USAMD) <Nicolas.Mitchell@usdoj.gov>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Wednesday, September 6, 2017 12:38:44 AM

Subject: Re: DOJ contact - Case #2

Attachments: Nameless.txt (1.59 KB)



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Saturday, March 31, 2018 10:57:51 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: Domains used in a spear-phish

Give me a call when you see this.

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent: Saturday, March 31, 2018 11:43:52 AM  
To: Antonakakis, Manos  
Subject: Re: Domains used in a spear-phish

Lowest priority. Wait until after the paper.

Dr Angelos D. Keromytis  
Program Manager, Information Innovation Office (I2O)  
DARPA  
675 N. Randolph Street  
Arlington, VA 22203

(T) 571-218-4290

Angelos.Keromytis@darpa.mil <mailto:Angelos.Keromytis@darpa.mil> (NIPR)  
Angelos.Keromytis@darpa.smil.mil <mailto:Angelos.Keromytis@darpa.smil.mil> (SIPR)  
Angelos.Keromytis@darpa.ic.gov <mailto:Angelos.Keromytis@darpa.ic.gov> (JWICS)

On Mar 31, 2018, at 11:35 AM, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

I will take a look at it. Panos is working on a paper.

---

Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil<mailto:angelos.keromytis@darpa.mil>>  
Sent: Saturday, March 31, 2018 11:31:27 AM  
To: Antonakakis, Manos  
Subject: Fwd: Domains used in a spear-phish

Can you ask Pano to take a \*quick\* look?

Dr Angelos D. Keromytis  
Program Manager, Information Innovation Office (I2O)

DARPA  
675 N. Randolph Street  
Arlington, VA 22203

(T) 571-218-4290

Angelos.Keromytis@darpa.mil<mailto:Angelos.Keromytis@darpa.mil> <mailto:Angelos.Keromytis@darpa.mil> (NIPR)  
Angelos.Keromytis@darpa.smil.mil<mailto:Angelos.Keromytis@darpa.smil.mil> <mailto:Angelos.Keromytis@darpa.smil.mil>  
(SIPR)  
Angelos.Keromytis@darpa.ic.gov<mailto:Angelos.Keromytis@darpa.ic.gov> <mailto:Angelos.Keromytis@darpa.ic.gov>  
(JWICS)

Begin forwarded message:

From: "Ha, Henry K. (CYD) (FBI)" <hha@fbi.gov<mailto:hha@fbi.gov> <mailto:hha@fbi.gov>>  
Subject: Domains used in a spear-phish  
Date: March 30, 2018 at 10:59:47 AM EDT  
To: "angelos.keromytis@darpa.mil<mailto:angelos.keromytis@darpa.mil> <mailto:angelos.keromytis@darpa.mil>"  
<angelos.keromytis@darpa.mil<mailto:angelos.keromytis@darpa.mil> <mailto:angelos.keromytis@darpa.mil>>  
Cc: "Knapp, Chad A. (OC) (FBI)" <caknapp@fbi.gov<mailto:caknapp@fbi.gov> <mailto:caknapp@fbi.gov>>, "Valentine,  
Dennis N. (ITADD) (FBI)" <dnvalentine@fbi.gov<mailto:dnvalentine@fbi.gov> <mailto:dnvalentine@fbi.gov>>

PM Angelos Keromytis,

FYI, I received your contact information from my colleague, SSA Chad Knapp.

I am currently looking into a spear-phish campaign that occurred between February 26, 2018 and March 27, 2018. The emails included links to the following domains: "cloud-conf.org<http://cloud-conf.org> <http://cloud-conf.org>" and "zacksmarket.com<http://zacksmarket.com> <http://zacksmarket.com>".

I was wondering if you could check your holdings for information relating to those domains. It would be great to see if there was also activity before and after the date range listed above.

Please let me know if you have any questions. Thank you.

Regards,  
FBI SSA Henry Ha  
Desk: 703-633-5644

**From:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**Sent on:** Tuesday, January 30, 2018 11:18:23 AM  
**To:** Chen, Tim<tim@domaintools.com>  
**CC:** Antonakakis, Manos<manos@gatech.edu>  
**Signed by:** KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, January 30, 2018 11:18:22 AM  
**Subject:** Re: DomainTools POC  
**Attachments:** Nameless.txt (752 Bytes)

Tim, nice to meet you too. How's your Wednesday?

Best,

-Angelos

On Jan 26, 2018, at 19:28, Chen, Tim <[tim@domaintools.com](mailto:tim@domaintools.com)> wrote:

Thanks Manos.

Hi Angelos,

Very nice to meet you. I will make myself available to you at any time.

Here is my personal cell number: [REDACTED]. Otherwise, happy to set up a dedicated time to speak next week.

Tim

On Thu, Jan 25, 2018 at 9:13 PM, Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)> wrote:

Anegle, please meet Tim. He is running DomainTools and he can answer all questions you might have around the WHOIS data GT uses for our analysis and modeling.

Tim, Angelos is our Program Manager from DARPA. You can trust him fully.

Thanks, Manos

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, December 13, 2017 4:58:51 PM  
To: Hall, John <John.Hall@team.neustar>  
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>  
Subject: Re: EA Option Year for NEUSTSAR

John, please work with Michael directly. The funds are here, and I approved this PO yesterday in the internal system.

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Hall, John <John.Hall@team.neustar>  
Sent: Wednesday, December 13, 2017 11:48 AM  
To: Antonakakis, Manos  
Cc: Joffe, Rodney  
Subject: EA Option Year for NEUSTSAR

Hi Manos,

I hope you and your team are doing well as we head into the holiday season and end of calendar year. I have been working with Michael Mitchell to try to get the PO for the first EA option year of our DNS data. If you take a look below, you'll see that Michael is doing what he can to work with your contracting folks but, since its pretty important for us to be able to book the option year in 2017, I'm writing to ask you to take a quick look at the situation. If there is anything I can do to facilitate, I will make myself available for a call and can even fly down if that would help.

Thanks in advance - looking forward to working with you on HACCS in the new year!

John W Hall  
Neustar, Inc. / Sr. Director - Federal Business  
[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

---

The information contained in this e-mail message is intended only for the use of the recipient(s) named above and may contain confidential and/or privileged information. If you are not the intended recipient you have received this e-mail message in error and any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately and delete the original message

---

On 12/11/17, 5:00 PM, "Mitchell, Michael F"  
<michael.mitchell@ece.gatech.edu> wrote:

>Hey John,

>

>I have everything on my end to submit this for issuing the PO. I know the  
>person who usually works on these types of POs and I will get in contact  
>with her and see if we can move this through their process quickly.

>

>Thanks for your help!

>

>MM

>

>-----Original Message-----

>From: Hall, John [<mailto:John.Hall@team.neustar>]

>Sent: Monday, December 11, 2017 12:16 PM

>To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

>Cc: Carter, Anita M <anita.carter@ece.gatech.edu>

>Subject: Re: [EXTERNAL] RE: Georgia Tech BuzzMart, PO#: 2100362915

>

>Hello Michael / Anita, Are you all etc provide an update on your process?

>

>Thanks in advance

>

>John W Hall

>Neustar, Inc. / Sr. Director - Federal Business

>[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

>

>\_

>\_\_\_\_\_

>

>The information contained in this e-mail message is intended only for the  
>use of the recipient(s) named above and may contain confidential and/or  
>privileged information. If you are not the intended recipient you have  
>received this e-mail message in error and any review, dissemination,  
>distribution, or copying of this message is strictly prohibited. If you  
>have received this communication in error, please notify us immediately  
>and delete the original message

>\_\_\_\_\_

>

>

>

>

>

>

>

>

>

>

>  
>  
>On 12/8/17, 12:09 PM, "Hall, John" <John.Hall@team.neustar> wrote:

>  
>>Hi Michael / Anita, I just wanted to confirm that you have what you  
>>need to complete the award process. Are you still able to get this  
>>complete before we go into the weekend? Did the amended quote I sent  
>>yesterday satisfy your needs?

>>  
>>I appreciate your help here!

>>  
>>John W Hall  
>>Neustar, Inc. / Sr. Director - Federal Business  
>>[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

>> \_\_\_\_\_  
>> \_\_  
>> \_  
>> \_\_\_\_\_

>>  
>>The information contained in this e-mail message is intended only for  
>>the use of the recipient(s) named above and may contain confidential  
>>and/or privileged information. If you are not the intended recipient  
>>you have received this e-mail message in error and any review,  
>>dissemination, distribution, or copying of this message is strictly  
>>prohibited. If you have received this communication in error, please  
>>notify us immediately and delete the original message

>> \_\_\_\_\_

>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>  
>>

>>On 12/7/17, 10:51 AM, "Hall, John" <John.Hall@team.neustar> wrote:

>>  
>>>Michael, Here is the original quote with an expiration date of 12/19/17.  
>>>Let me know if this is what you are looking for or if you want me to  
>>>build out a new quote for year 2 (aka option year 1)?

>>>  
>>>Thanks for working on this - I know that these things can be  
>>>especially tedious even when you're not new to the process.

>>>  
>>>John W Hall  
>>>Neustar, Inc. / Sr. Director - Federal Business  
>>>[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

>>> \_\_\_\_\_  
>>> \_\_  
>>> \_  
>>> \_  
>>> \_\_\_\_\_

>>>  
>>>The information contained in this e-mail message is intended only for

>>>the use of the recipient(s) named above and may contain confidential  
>>>and/or privileged information. If you are not the intended recipient  
>>>you have received this e-mail message in error and any review,  
>>>dissemination, distribution, or copying of this message is strictly  
>>>prohibited. If you have received this communication in error, please  
>>>notify us immediately and delete the original message

>>> \_\_\_\_\_

>>>

>>>

>>>

>>>

>>>

>>>

>>>

>>>

>>>

>>>

>>>

>>>On 12/7/17, 9:42 AM, "Mitchell, Michael F"

>>><michael.mitchell@ece.gatech.edu> wrote:

>>>

>>>>Good Morning John

>>>>

>>>>First let me start by apologizing for the delay on this. This is  
>>>>something that we should have been able to get this turned around  
>>>>much faster than we have so far. Given my newness to this position I  
>>>>have had some difficulty getting things moving in the right direction  
>>>>and getting this process started. I am working very closely with  
>>>>procurement to get this done.

>>>>

>>>>I will need a new quote for the \$350,000 this year in order to get  
>>>>things approved, since the old quote was only good until 12/01/2016.  
>>>>Once I have that I will be able to work on finalizing the new PO.

>>>>

>>>>Again my deepest apologies for the delay, and just be patient a bit  
>>>>longer so I can get this done.

>>>>

>>>>

>>>>Michael Mitchell

>>>>

>>>>Research Operations Program Manager  
>>>>GEORGIA Institute  
>>>>of TECH nology  
>>>>School of Electrical and Computer Engineering  
>>>>777 Atlantic Drive NW  
>>>>Atlanta, GA 30332-0765

>>>>

>>>>

>>>>

>>>>-----Original Message-----

>>>>From: Hall, John [<mailto:John.Hall@team.neustar>]

>>>>Sent: Thursday, November 30, 2017 12:26 PM

>>>>To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

>>>>Cc: Carter, Anita M <anita.carter@ece.gatech.edu>

>>>>Subject: Re: [EXTERNAL] RE: Georgia Tech BuzzMart, PO#: 2100362915

>>>>

>>>>Hi Michael - as you can imagine, I am getting inquiries on the

>>>>possibility of booking this order this month. Do you have an update?  
>>>>Would a call to Manos improve our probability of getting an order by  
>>>>tomorrow?

>>>>

>>>>Sorry to press but would really appreciate your help if there is a way.

>>>>

>>>>Thanks in advance!!

>>>>

>>>>John W Hall

>>>>Neustar, Inc. / Sr. Director - Federal Business

>>>>[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

>>>>\_\_\_\_\_

>>>>\_\_

>>>>\_

>>>>\_

>>>>\_

>>>>\_\_\_\_\_

>>>>

>>>>The information contained in this e-mail message is intended only for  
>>>>the use of the recipient(s) named above and may contain confidential  
>>>>and/or privileged information. If you are not the intended recipient  
>>>>you have received this e-mail message in error and any review,  
>>>>dissemination, distribution, or copying of this message is strictly  
>>>>prohibited. If you have received this communication in error, please  
>>>>notify us immediately and delete the original message

>>>>\_\_\_\_\_

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>>On 11/28/17, 2:37 PM, "Mitchell, Michael F"

>>>>><michael.mitchell@ece.gatech.edu> wrote:

>>>>>

>>>>>>Hey John,

>>>>>>

>>>>>>We are working through the process on our end. I will reach out and  
>>>>>>see if this can be completed this week or not and let you know if  
>>>>>>this is possible.

>>>>>>

>>>>>>Thanks!

>>>>>>

>>>>>>-----Original Message-----

>>>>>>From: Hall, John [<mailto:John.Hall@team.neustar>]

>>>>>>Sent: Tuesday, November 28, 2017 11:56 AM

>>>>>>To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

>>>>>>Subject: Re: [EXTERNAL] RE: Georgia Tech BuzzMart, PO#: 2100362915

>>>>>>

>>>>>>Hi Michael - Hope you had nice thanksgiving holiday. Thought I'd  
>>>>>>touch base to check your status on your po process. Is there  
>>>>>>anything else you need from me? Do you think there is any



>>>>possibility of getting us the PO this week so we can book it in  
>>>>November?

>>>>

>>>>Let me know / thanks in advance

>>>>

>>>>John W Hall

>>>>Neustar, Inc. / Sr. Director - Federal Business

>>>>[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

>>>>

>>>>\_\_

>>>>\_\_

>>>>\_

>>>>\_\_\_\_\_

>>>>

>>>>The information contained in this e-mail message is intended only  
>>>>for the use of the recipient(s) named above and may contain  
>>>>confidential and/or privileged information. If you are not the  
>>>>intended recipient you have received this e-mail message in error  
>>>>and any review, dissemination, distribution, or copying of this  
>>>>message is strictly prohibited. If you have received this  
>>>>communication in error, please notify us immediately and delete the  
>>>>original message

>>>>\_\_\_\_\_

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>

>>>>>On 11/20/17, 11:03 AM, "Mitchell, Michael F"

>>>>><michael.mitchell@ece.gatech.edu> wrote:

>>>>>

>>>>>>Hey John,

>>>>>>

>>>>>>Thanks for getting this to me. The total number is accurate, the

>>>>>>yearly totals are a bit different, but not a big deal.

>>>>>>

>>>>>>Based on what I am seeing in our internal accounts we had issued a

>>>>>>PO for \$1,000,000. We have executed and paid for that in full. Now

>>>>>>we need to create and issue a PO for the new amount of \$350,000 per

>>>>>>the outline you provided. Right?

>>>>>>

>>>>>>MM

>>>>>>

>>>>>>-----Original Message-----

>>>>>>From: Hall, John [<mailto:John.Hall@team.neustar>]

>>>>>>Sent: Monday, November 20, 2017 10:52 AM

>>>>>>To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

>>>>>>Subject: FW: Georgia Tech BuzzMart, PO#: 2100362915

>>>>>>

>>>>>>Hi Michael, Here is the original award email with the two

>>>>>>attachments we discussed. Let me know if you have any questions or

>>>>>concerns.

>>>>>

>>>>>Thanks in advance!

>>>>>

>>>>>John W Hall

>>>>>Neustar, Inc. / Sr. Director Federal Business

>>>>>[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

>>>>>\_\_\_\_\_

>>>>>\_\_

>>>>>\_

>>>>>\_\_

>>>>>\_

>>>>>\_\_\_\_\_

>>>>>

>>>>>The information contained in this e-mail message is intended only  
>>>>>for the use of the recipient(s) named above and may contain  
>>>>>confidential and/or privileged information. If you are not the  
>>>>>intended recipient you have received this e-mail message in error  
>>>>>and any review, dissemination, distribution, or copying of this  
>>>>>message is strictly prohibited. If you have received this  
>>>>>communication in error, please notify us immediately and delete the  
>>>>>original message

>>>>>\_\_\_\_\_

>>>>>

>>>>>

>>>>>

>>>>>

>>>>>

>>>>>

>>>>>

>>>>>

>>>>>

>>>>>

>>>>>

>>>>>On 12/22/16, 4:08 PM, "support@sciquest.com" <support@sciquest.com>

>>>>>wrote:

>>>>>

>>>>>>Attached to this email is Purchase Order Number 2100362915 for  
>>>>>>Georgia Institute of Technology. Please note that there may be  
>>>>>>additional supporting documents attached as well.

>>>>>

>>>>>

>>>>

>>>

>>

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Sunday, January 28, 2018 12:49:42 PM  
To: Smith, Jonathan <jonathan.smith@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: EA Site Visit: GTRC

Gentlemen, the time for this invite is Mon 1/29/2018 12:00a - 4:00a. That is tomorrow, which is not possible. The EA site visit was set up by Tejas to be on Friday 02/03, between 13.00 and 17.00 (after Alenka's review).

Am I missing something here or this is just a mistake?

Many thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Smith, Jonathan <jonathan.smith@darpa.mil>  
Sent: Sunday, January 28, 2018 6:09:11 AM  
To: Beltz, Steven; Danielle Gambino (danielle.gambino@us.af.mil); Denz, Mary (contr-i2o); Keromytis, Angelos; Maddern, Thomas (contr-i2o); Antonakakis, Manos  
Subject: EA Site Visit: GTRC  
When: Monday, January 29, 2018 12:00 AM-4:00 AM.  
Where: Klaus Advanced Computing Building, Ferst Dr NW, Atlanta, GA 30313

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Sunday, January 28, 2018 4:45:33 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Smith, Jonathan <jonathan.smith@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Sunday, January 28, 2018 4:45:32 PM

Subject: Re: EA Site Visit: GTRC

Attachments: Nameless.txt (1.04 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Saturday, April 21, 2018 3:48:04 PM  
To: Gregory Neal Akers (gakers) <gakers@cisco.com>; Smith, Jonathan <jonathan.smith@darpa.mil>  
CC: Kim Deane (kdeane) <kdeane@cisco.com>; Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: E-introduction

Status update, Gentlemen.

JMS, talked with Greg and Jared (leader of the forensic team our of Knoxville) this morning. We have a game-plan in mind, and we will update you as discoveries being made.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Wednesday, April 18, 2018 8:44:47 PM  
To: Gregory Neal Akers (gakers); Smith, Jonathan  
Cc: Kim Deane (kdeane); Keromytis, Angelos  
Subject: Re: E-introduction

Hey Greg, pleased to meet you, Sir. My mobile is [REDACTED]

Feel free to call me anytime you want. Regarding tomorrow; I am extracting my wisdom teeth in the morning, so it might take some time before I can speak over the phone (and you can understand me over both my accent and swelling). We can try, but I cannot promise that I will be able to talk with enough clarity. :)

It is likely that Friday I will be in better condition to talk over the phone. If you have an open slot sometime throughout the day, perhaps we get on a call then?

My plan is to share all technical details around this phenomenon (per JMS's note) over the phone.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Gregory Neal Akers (gakers) <gakers@cisco.com>  
Sent: Wednesday, April 18, 2018 8:06:16 PM  
To: Smith, Jonathan  
Cc: Antonakakis, Manos; Kim Deane (kdeane); Keromytis, Angelos  
Subject: Re: E-introduction

Thank you Jonathan !

Manos,

It is a great pleasure to meet you. I am traveling tomorrow most of the day. Is there a number I could try to reach you on when I am in a position to speak ?

-g

Sent from my iPhone

And you already know I can't type!

> On Apr 18, 2018, at 7:52 PM, Smith, Jonathan <jonathan.smith@darpa.mil> wrote:

>

> Dear Greg,

> Manos Antonakakis is a Professor at GA Tech, and PI of an

> effort under my colleague Angelos Keromytis' EA program.

> Manos has unparalleled visibility into DNS traffic and uncovered

> the situation we discussed today at 11. I just got off the

> phone with him and outlined your capabilities and passed

> on your cautionary information. He proposed a strategy that

> makes sense in terms of maintaining observability while

> being able to experiment. I will let him share this with you.

>

> Dear Manos,

> Greg Akers is a Senior VP at Cisco and expert in your current

> domain of concern. He is aware of the situation and knows

> how to get the information you need without disturbing your

> operations. Please share your concerns, plan and any info

> Greg or his team requests.

>

> Best,

> -JMS

>

> Jonathan M. Smith

> Jonathan.Smith@darpa.mil

> T: 703.526.4176; C: 571.481.7228

>

>

**From:** Angelos Keromytis [REDACTED]  
**Sent on:** Wednesday, September 27, 2017 8:01:12 PM  
**To:** McLaughlin, Steven W <[swm@coe.gatech.edu](mailto:swm@coe.gatech.edu)>  
**CC:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Subject:** Re: email trouble

You mean 4:30?

On Sep 27, 2017, at 14:07, McLaughlin, Steven W <[swm@coe.gatech.edu](mailto:swm@coe.gatech.edu)> wrote:

Will call at 3:30 - thx!

Get [Outlook for iOS](#)

**From:** Angelos Keromytis [REDACTED]  
**Sent:** Wednesday, September 27, 2017 11:27:47 AM  
**To:** McLaughlin, Steven W  
**Cc:** Antonakakis, Manos  
**Subject:** Re: email trouble

Yes, I can do 4:30pm for half an hour, or 5:30pm until whenever. Let me know what works.

Btw, can you forward me the bounce you received for your email from the other day, if you still have it?

Thanks,

-Angelos

> On Sep 27, 2017, at 10:14, McLaughlin, Steven W <[swm@coe.gatech.edu](mailto:swm@coe.gatech.edu)> wrote:

>

> Angelos

> I did get your email and sent you a text this morning to see if we could talk later this afternoon... copying Manos too...

>

> All the best

> Steve

>

> \*\*\*\*\*

> Steve McLaughlin

> Dean and Southern Company Chair

> College of Engineering

> Georgia Institute of Technology

> Atlanta, GA 30332

> \*\*\*\*\*

>

>

>

>

> On 9/27/17, 9:20 AM, "Angelos Keromytis" <[REDACTED]> wrote:

>

> Steve, not sure if you received my email from yesterday...anyway, looks like there's email problems between my mail server and GT. Please use my iCloud email address for now.

> -Angelos

>

>

>

>

From: Angelos D. Keromytis [REDACTED]  
Sent on: Saturday, June 17, 2017 4:47:38 PM  
To: Manos Antonakakis <manos@gatech.edu>  
CC: [REDACTED]  
Subject: Re: [REDACTED] trip to Atlanta

Oh, so now you don't think I'm pretty?

> On Jun 16, 2017, at 2:52 PM, Antonakakis, Emmanouil K <manos@gatech.edu> wrote:  
>  
> [REDACTED] the last six months or so I have been bossed around from other members of the Keromytis family. Have a feeling that you bossing me around will be a walk in the park --- and frankly you would make a prettier boss \_by miles\_ in comparison to my previous (bald) experience. ;-)  
>  
> The only thing I cannot help you with is spa, mani-pedi, shopping etc. That is [REDACTED] domain. The closest I can come is my name on the credit card used for all these.  
>  
> As [REDACTED] said, you will have a floor (not a room) to your self. So, I am pretty sure we can manage having you around. Of course you will be staying with us.  
>  
> Cheers,  
>  
> Manos  
>  
> \_\_\_\_\_

> From: [REDACTED]  
> Sent: Friday, June 16, 2017 1:06 PM  
> To: Angelos Keromytis; [REDACTED]  
> Cc: Antonakakis, Emmanouil K  
> Subject: Re: [REDACTED] trip to Atlanta

> Thanks, honey, for arranging the flights.  
>  
> I've added [REDACTED] to this line.  
>  
> Now then, Manos, are you really ready!?!? I'm going to pull out my inner diva and boss you around that weekend. That's assuming you are around.  
> And, more importantly, [REDACTED], will you be there to boss him around too and have him drop us for spa, lunch & shopping?  
>  
> :- ) :- ) :- )

> Seriously, are you guys around? I'm happy to get a hotel and a car and wander about with a gps....I am \*very\* comfortable on my own!  
>  
> [REDACTED]  
>  
>  
>  
>  
>  
>  
>

>> On Jun 16, 2017, at 10:32 AM, Angelos D. Keromytis [REDACTED] wrote:  
>>  
>> DCA -> ATL with American 4535 (8pm -> 10:04pm) on June 23  
>> ATL -> DCA with American 4680 (7:25pm -> 9:30pm) on June 26



>>

>> -Angelos

>>

>

From: Angelos D. Keromytis [REDACTED]

Sent on: Saturday, June 24, 2017 1:06:12 AM

To: Manos Antonakakis <manos@gatech.edu>; [REDACTED]

CC: [REDACTED]

Subject: Re: [REDACTED] trip to Atlanta

And [REDACTED] cell number is [REDACTED]

> On Jun 23, 2017, at 8:04 PM, [REDACTED] wrote:

>  
> Howdie!  
> Just boarded flight. Leaving 20 minutes late. I'm on American 4535.  
> See you in a few!

> [REDACTED]  
>  
> Sent from my iPhone

> On Jun 22, 2017, at 8:44 PM, Antonakakis, Emmanouil K <manos@gatech.edu> wrote:

>  
>> Hey [REDACTED], having dinner with [REDACTED] and we are looking forward to your visit tomorrow. She managed to get Sunday off, so she will have a lot of time to show you around too.

>>  
>> We will both be waiting for you at the airport tomorrow night.

>>  
>> Safe travels!

>>  
>> Manos and [REDACTED]

>>  
>> ---  
>> Typos due to mobile device ...

>>  
>> On Jun 21, 2017, at 09:06, [REDACTED] wrote:

>>  
>>> This is almost funnier because we know the results today!

>>> [https://m.youtube.com/watch?v=L\\_OVIVR3LWU](https://m.youtube.com/watch?v=L_OVIVR3LWU)

>>>  
>>> Sent from my iPad

>>>  
>>> On Jun 17, 2017, at 12:02 PM, Manos Antonakakis <manos@gatech.edu> wrote:

>>>  
>>>> On Sat, Jun 17, 2017 at 11:47:38AM -0400, Angelos D. Keromytis wrote:

>>>> Oh, so now you don't think I'm pretty?

>>>>  
>>>> H i l a r i o u s!!!!

>>>>  
>>>> --  
>>>> Manos Antonakakis | manos@gatech.edu

>>>> Georgia Institute of Technology  
>>>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Wednesday, March 28, 2018 1:12:43 PM

To: Antonakakis, Manos <manos@gatech.edu>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Wednesday, March 28, 2018 1:12:43 PM

Subject: Re: ESET

Attachments: Nameless.txt (1020 Bytes)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Tuesday, October 30, 2018 7:46:07 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
CC: Tejas Patel <tejas@kududyn.com>  
Subject: Re: Everything that is wrong with our community

I watched about half of it, and didn't see anything particularly wrong or interesting. What got you riled up?

> On Oct 30, 2018, at 13:29, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> [https://www.youtube.com/watch?v=YGJaj6\\_3dGA](https://www.youtube.com/watch?v=YGJaj6_3dGA)

>

> These people are building and most importantly verifying detectors in the field.

>

> Key takeaway from this presentation: If you do not know how to do detection, redefine it (to what you think detection should be).

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, April 26, 2018 2:03:59 PM  
To: Angelos D. Keromytis [REDACTED]  
CC: Fabian Monroe <fabian@cs.unc.edu>  
Subject: Re: External letter writers

Do not know Sam. Sal does not make much sense since Steve and you will be writing a letter. Sotiris does not count because he is international (they want only US based!?!?!). Wenke is not allowed to be in this list. Gabriela is too junior, I think. I will double check.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Angelos D. Keromytis [REDACTED]  
Sent: Wednesday, April 25, 2018 6:27 PM  
To: Antonakakis, Manos  
Cc: Fabian Monroe  
Subject: Re: External letter writers

Do you know Sam King? He's now at UC Davis.

Sal? But that would another one from Columbia.

Sotiris? For the international flavor :)

Isn't Wenke writing you a letter? It's pretty customary to ask the advisor.

Virgil would be good.

Gabriela Cretu (SRI)?

-Angelos

> On Apr 25, 2018, at 18:15, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Gents, it appears that I cannot use Fabian because we wrote a paper together and it is too recent for taste of the committee. I am trying to get an exception but this is likely to be made.

>

> Any ideas of someone else that could write a letter for me? My current list (all have confirmed via email that are willing to write a letter) is:

>

> +: IEEE and/or ACM Fellow

> \*: Full Professor

> -: Industry

> \$: National Academy of Engineering

>

> 1. Angelos Keromytis (DARPA) + <http://www.cs.columbia.edu/~angelos/>

> 2. Steve Bellovin (Columbia) \*+\$ <https://www.cs.columbia.edu/~smb/>

> 3. Patrick McDaniel (Penn State) \*+ <http://www.patrickmcdaniel.org/>

> 4. Farnam Jahanian (CMU President) \*+ <https://www.cs.cmu.edu/~farnam/>

- > 5. Giovanni Vigna \*+ (UCSB) <https://www.cs.ucsb.edu/~vigna/>
- > 6. Jonathan Smith \*+ (UPenn) <https://www.cis.upenn.edu/~jms/>
- > 7. Nick Feamster (Princeton) \*+ <https://www.cs.princeton.edu/~feamster/>
- > 8. Gunter Ollmann (Microsoft. CTO, Security (Cloud and Enterprise)) -
- > 9. Engin Kirda (NorthEastern) \* <http://www.ccs.neu.edu/home/ek/>
- >
- > Should I ask someone else from DARPA, or Virgil, or Vern (not sure if he even reply), or Avi (not sure if he will write a good one after what happened with JHU offer --- Fabian disagrees with me on this one) or someone else?
- >
- > Yes, they need 10 from me ...
- >
- > —
- > Manos Antonakakis | manos@gatech.edu
- > Georgia Institute of Technology
- > FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668
- >

From: Angelos D. Keromytis [REDACTED] >  
Sent on: Tuesday, May 29, 2018 6:22:50 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
CC: Fabian Monroe <fabian@cs.unc.edu>  
Subject: Re: External letter writers

No problem. Looks like a good list.

> On May 29, 2018, at 10:00, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> Gents, I was just informed that Fabian could be considered as a writer, but not Angelos (cannot be considered as DARPA anymore).

>  
> My ten are:

>  
> +: IEEE and/or ACM Fellow  
> \*: Full Professor  
> -: Industry  
> \$: National Academy of Engineering

>  
> 1. Fabian Monroe (UNC) \* <https://www.cs.unc.edu/~fabian/web.html>  
> 2. Patrick McDaniel (Penn State) \*+ <http://www.patrickmcdaniel.org/>  
> 3. Farnam Jahanian (CMU President) \*+ <https://www.cs.cmu.edu/~farnam/>  
> 4. Giovanni Vigna \*+ (UCSB) <https://www.cs.ucsb.edu/~vigna/>  
> 5. Nick Feamster (Princeton) \*+ <https://www.cs.princeton.edu/~feamster/>  
> 6. Jonathan Smith \*+ (UPenn) <https://www.cis.upenn.edu/~jms/>  
> 7. Steve Bellovin (Columbia) \*+\$ <https://www.cs.columbia.edu/~smb/>  
> 8. Gunter Ollmann, - Microsoft. CTO, Security (Cloud and Enterprise)  
> 9. Engin Kirda (NorthEastern) \* <http://www.ccs.neu.edu/home/ek/>  
> 10. Jason Livingood (Comcast), - VP of Tech Policy & Standards , [https://www.youtube.com/watch?v=01HPk\\_vYWAw](https://www.youtube.com/watch?v=01HPk_vYWAw),  
<https://corporate.comcast.com/comcast-voices/internet-society-adds-jason-livingood-to-board-of-trustees>

>  
> Angele, I would have you as the guy that puts pressure on Steve. They were \*really\* impressed that Steve will write me a letter. They only see people from the National Academy of Engineering to write letters for Full Professor cases.

>  
> Any objections/suggestions?

>  
> Thanks for all your help!

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Fabian Monroe <fabian@cs.unc.edu>  
> Sent: Thursday, April 26, 2018 9:19:43 AM  
> To: Antonakakis, Manos  
> Cc: Angelos D. Keromytis  
> Subject: Re: External letter writers

>  
> Fine by me.

>  
> From your list, Virgil is also good, though he may not be able to as easily grasp the broader impact of your work when

compared to Vern. Said another way, you'd likely need to provide him with succinct summaries of your major innovations.

>  
>  
>  
>

> Sent from my iPhone

>

>> On Apr 26, 2018, at 2:05 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>

>> OK, I will reach out to Avi, and CC both of you. The reason I will CC both of you is because you have insight of the research I have done over the last 18 months and that it is not public.

>>

>> Is that OK with you?

>>

>> —

>> Manos Antonakakis | manos@gatech.edu

>> Georgia Institute of Technology

>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>

>>

>> \_\_\_\_\_

>> From: Fabian Monrose <fabian@cs.unc.edu>

>> Sent: Wednesday, April 25, 2018 6:41:49 PM

>> To: Angelos D. Keromytis

>> Cc: Antonakakis, Manos

>> Subject: Re: External letter writers

>>

>> Vote goes to Avi and Vern.

>>

>>

>> Sent from my iPhone

>>

>>> On Apr 25, 2018, at 11:27 PM, Angelos D. Keromytis [REDACTED] wrote:

>>>

>>>

>>> Do you know Sam King? He's now at UC Davis.

>>>

>>> Sal? But that would another one from Columbia.

>>>

>>> Sotiris? For the international flavor :)

>>>

>>> Isn't Wenke writing you a letter? It's pretty customary to ask the advisor.

>>>

>>> Virgil would be good.

>>>

>>> Gabriela Cretu (SRI)?

>>>

>>> -Angelos

>>>

>>>> On Apr 25, 2018, at 18:15, Antonakakis, Manos <manos@gatech.edu> wrote:

>>>>

>>>> Gents, it appears that I cannot use Fabian because we wrote a paper together and it is too recent for taste of the committee. I am trying to get an exception but this is likely to be made.

>>>>

>>>> Any ideas of someone else that could write a letter for me? My current list (all have confirmed via email that are willing to write a letter) is:

>>>>



>>>> +: IEEE and/or ACM Fellow  
>>>> \*: Full Professor  
>>>> -: Industry  
>>>> \$: National Academy of Engineering  
>>>>  
>>>> 1. Angelos Keromytis (DARPA) + <http://www.cs.columbia.edu/~angelos/>  
>>>> 2. Steve Bellovin (Columbia) \*+\$ <https://www.cs.columbia.edu/~smb/>  
>>>> 3. Patrick McDaniel (Penn State) \*+ <http://www.patrickmcdaniel.org/>  
>>>> 4. Farnam Jahanian (CMU President) \*+ <https://www.cs.cmu.edu/~farnam/>  
>>>> 5. Giovanni Vigna \*+ (UCSB) <https://www.cs.ucsb.edu/~vigna/>  
>>>> 6. Jonathan Smith \*+ (UPenn) <https://www.cis.upenn.edu/~jms/>  
>>>> 7. Nick Feamster (Princeton) \*+ <https://www.cs.princeton.edu/~feamster/>  
>>>> 8. Gunter Ollmann (Microsoft. CTO, Security (Cloud and Enterprise)) -  
>>>> 9. Engin Kirda (NorthEastern) \* <http://www.ccs.neu.edu/home/ek/>  
>>>>  
>>>> Should I ask someone else from DARPA, or Virgil, or Vern (not sure if he even reply), or Avi (not sure if he will write a good one after what happened with JHU offer --- Fabian disagrees with me on this one) or someone else?  
>>>>  
>>>> Yes, they need 10 from me ...  
>>>>  
>>>> —  
>>>> Manos Antonakakis | manos@gatech.edu  
>>>> Georgia Institute of Technology  
>>>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>>>>  
>>>>

**From:** Angelos D. Keromytis<[REDACTED]>  
**Sent on:** Wednesday, November 8, 2017 11:23:17 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** [REDACTED]  
**Subject:** Re: Family member tuition waiver

Thanks for checking.

On Nov 8, 2017, at 14:29, Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)> wrote:

FYI

---

Typos due to mobile device ...  
Begin forwarded message:

**From:** "Mitchell, Michael F" <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>  
**Date:** November 8, 2017 at 14:07:02 EST  
**To:** "Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Subject: RE: Family member tuition waiver**

[REDACTED] and I reached out to HR regarding if there were any benefits like this. Unfortunately the only tuition exemptions are for employees only (TAP program).

M

-----Original Message-----

From: Antonakakis, Manos

Sent: Thursday, November 2, 2017 9:37 PM

To: Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>

Subject: Family member tuition waiver

Michael, can you please research something for me? Does GT offer faculty family members (i.e., if my wife wanted to take a class.) any tuition waiver/exemption?

Thanks,

-

Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, November 30, 2018 4:43:56 PM  
To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
CC: Smith, Jonathan <jonathan.smith@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: Final slide deck for PI meeting

This message did not go through (due to the size of the attachment). Chris now has the slides. Please work with him to get them.

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Friday, November 30, 2018 10:49:11 AM  
To: Schneck, Christopher (contr-i2o)  
Cc: Smith, Jonathan; Keromytis, Angelos  
Subject: Final slide deck for PI meeting

Attached, same password.

Had a great discussion with Dr. Pierce earlier today. We are on the same page about everything.

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Friday, March 23, 2018 2:08:47 PM

To: Renee Burton [REDACTED] >

CC: Tejas Patel <tejas@kududyn.com>; Scott Taylor [REDACTED]; David Dagon [REDACTED];

Farrell, Michael <Michael.Farrell@gtri.gatech.edu>; Angelos D. Keromytis [REDACTED]

Subject: Re: follow up

Attachments: ATT00001 (12 Bytes), msg.asc (831.94 KB)

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Friday, March 23, 2018 4:47:57 PM

To: Renee Burton [REDACTED] >

CC: Tejas Patel <tejas@kududyn.com>; Scott Taylor [REDACTED]; darin j <[REDACTED]>;

David Dagon [REDACTED]; Angelos D. Keromytis [REDACTED]; Farrell, Michael  
<Michael.Farrell@gtri.gatech.edu>

Subject: Re: follow up

Attachments: ATT00001 (12 Bytes), msg.asc (11.68 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, June 12, 2018 1:26:57 AM  
To: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>  
CC: POOLE, DAVID E SA USAF AFOSI AFOSI/XRC <david.poole@us.af.mil>; VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY <stephynie.velez@us.af.mil>; GEE, TYSON L SA USAF AFOSI AFOSI/XRC <tyson.gee@us.af.mil>  
Subject: Re: Follow-up from Meetings Last Week

Jason, you and your team is always welcome at GT and my lab. Really looking forward to the next steps with AFOSI, so we can figure out how we can help your team both short but also long term.

In the meantime, please let me know if there is anything you need from my side.

Many thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>  
Sent: Monday, June 11, 2018 5:05:43 PM  
To: Keromytis, Angelos; Antonakakis, Manos; Schneck, Christopher (contr-i2o); Smith, Jonathan  
Cc: POOLE, DAVID E SA USAF AFOSI AFOSI/XRC; VELEZ, STEPHYNIE E SA USAF AFOSI AFOSI/XRCY; GEE, TYSON L SA USAF AFOSI AFOSI/XRC  
Subject: Follow-up from Meetings Last Week

Gents,

Thanks again, very much for your unbelievable hospitality last week! We appreciate you hosting us at GA-Tech on Thursday and offering such great insight on the threat. We really enjoyed the discussions and are energized to move forward.

I have engaged our tactical elements to cultivate some 'interesting' data for your research. Once I have it, I will forward it through Chris with Angelos CC'ed. Please let me know if I need to include more officials on the Govt/DARPA side.

I would also like to continue discussions regarding further investment so let's keep that in mind as we move forward with this initial information-exchange.

Thanks again! We look forward to next meetings!

Thanks & Regards,

Jason D. Stambaugh, SA, USAF  
Deputy PM for Cyber Training  
AFOSI Cyber Investigations & Ops

Comm: (571) 305-8850

DSN: 240-8850

NSTS: 918-5739

SIPR: [jason.d.stambaugh2.mil@mail.smil.mil](mailto:jason.d.stambaugh2.mil@mail.smil.mil)

JWICS: [jason.stambaugh@af.ic.gov](mailto:jason.stambaugh@af.ic.gov)



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, January 10, 2018 10:08:57 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
Subject: Re: For the upcoming visit

Yes, I will sync with him.

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent: Wednesday, January 10, 2018 5:07:36 PM  
To: Antonakakis, Manos  
Cc: Patel, Tejas (contr-i2o)  
Subject: Re: For the upcoming visit

GTRI...I think Michael and Scott have worked this out, at least based on what I've seen (earlier today)? Maybe you should check with Michael?

Dr Angelos D. Keromytis  
Program Manager, Information Innovation Office (I2O)  
DARPA  
675 N. Randolph Street  
Arlington, VA 22203

(T) 571-218-4290

Angelos.Keromytis@darpa.mil <mailto:Angelos.Keromytis@darpa.mil> (NIPR)  
Angelos.Keromytis@darpa.smil.mil <mailto:Angelos.Keromytis@darpa.smil.mil> (SIPR)  
Angelos.Keromytis@darpa.ic.gov <mailto:Angelos.Keromytis@darpa.ic.gov> (JWICS)

On Jan 10, 2018, at 5:06 PM, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Do I need to get a room by GTRI or GT? If you need to enter classified space, GTRI should be better. If the entire discussion will be unclassified, then I would rather have this be done in GT so we can showcase what the lab is doing as well.

What do you think?

---

Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Thursday, January 18, 2018 1:26:48 AM  
To: Hook, Lisa <lisa.hook@team.neustar>  
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>  
Subject: Re: Friday

Hey Lisa, absolutely!

My office is at the Klaus Advance Computing Building, 3rd floor, Room 3364. I can send you the visitor parking direction if you will be driving in.

My cell is [REDACTED], in case you need to call me.

Many thanks,

Manos

---

Typos due to mobile device ...

> On Jan 17, 2018, at 20:04, Hook, Lisa <lisa.hook@team.neustar> wrote:

>

> Manos,

>

> I am in Atlanta for meetings on Friday and am wondering if you are in town and free at 9:30 to meet at school. Would love to catch up.

>

> Best,

>

> Lisa

>

> Lisa A. Hook

> Neustar, Inc./President and Chief Executive Officer

> 120 SW 8th Street, Miami, FL 33130

> Office: 571/434-5630. Mobile:202/907-5672

> Lisa.Hook@team.neustar/www.neustar.biz

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, March 9, 2018 2:53:22 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
CC: Tejas Patel [REDACTED]  
Subject: Re: Fully Funded - Prospective PhD CS Applicant (UNCLASSIFIED)

Thanks!

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent: Friday, March 9, 2018 8:27:18 AM  
To: Antonakakis, Manos  
Cc: Tejas Patel  
Subject: Re: Fully Funded - Prospective PhD CS Applicant (UNCLASSIFIED)

Not off the top of my head.

> On Mar 9, 2018, at 7:14 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Does the name ring any bells?

>

> —

> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

>

> From: Wenke Lee [REDACTED] >

> Sent: Thursday, March 8, 2018 10:17 PM

> To: Fuller, Jonathan D CPT USARMY ISEC (US)

> Cc: Kim, Taesoo; Antonakakis, Manos; Ndongi, Elizabeth N; Saltaformaggio, Brendan D

> Subject: Re: Fully Funded - Prospective PhD CS Applicant (UNCLASSIFIED)

>

> Hi Jonathan,

>

> Thank you for your interests in Georgia Tech! I'd be happy to talk to you, and Elizabeth can help schedule for us. I also suggest you to talk to Prof. Kim, Prof. Antonakakis, and Prof. Saltaformaggio (cc'd here). Thanks.

>

> Wenke

>

> On Thu, Mar 8, 2018 at 10:50 AM, Fuller, Jonathan D CPT USARMY ISEC (US)  
<jonathan.d.fuller.mil@mail.mil<mailto:jonathan.d.fuller.mil@mail.mil>> wrote:

>

> CLASSIFICATION: UNCLASSIFIED

>

>

>

> Professor Lee,



From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Friday, March 9, 2018 1:27:18 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Tejas Patel [REDACTED]

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Friday, March 9, 2018 1:27:18 PM

Subject: Re: Fully Funded - Prospective PhD CS Applicant (UNCLASSIFIED)

Attachments: Nameless.txt (2.37 KB)

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Saturday, October 28, 2017 12:15:10 AM

To: Rodney Joffe <rjoffe@centergate.com>

Subject: Re: Fwd: PF access

Attachments: ATT00001 (12 Bytes), msg.asc (3.74 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Tuesday, April 24, 2018 4:59:21 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Tejas Patel <tejas@kududyn.com>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, April 24, 2018 4:59:20 PM

Subject: Re: fyi

Attachments: Nameless.txt (2.43 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Tuesday, April 24, 2018 4:20:40 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Tejas Patel <tejas@kududyn.com>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, April 24, 2018 4:20:32 PM

Subject: Re: fyi

Attachments: Nameless.txt (3.54 KB)



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, July 17, 2018 11:14:06 PM  
To: Smith, Jonathan <jonathan.smith@darpa.mil>  
CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: FYI

The things that are coming your way will blow your mind.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Smith, Jonathan <jonathan.smith@darpa.mil>  
Sent: Tuesday, July 17, 2018 6:08:40 PM  
To: Antonakakis, Manos  
Cc: Keromytis, Angelos  
Subject: FYI

Manos:  
I just talked with Angelos and concur with his reasoning.  
-JMS

Jonathan M. Smith, DARPA/I2O  
T: 703.526.4176, C: 571.481.7228

DARPA's 60th Anniversary Symposium  
Sept 5 - 7, 2018 - Washington, D.C.  
Join us to explore DARPA's next 60 years  
Register now at:  
<https://D60.DARPA.MIL>

From: Manos Antonakakis <manos@gatech.edu>  
Sent on: Saturday, July 14, 2018 9:51:32 PM  
To: Angelos D. Keromytis <[REDACTED]>  
Subject: Re: fyi  
Attachments: ATT00001 (12 Bytes), msg.asc (2.53 KB)

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Friday, July 6, 2018 1:34:45 PM

To: Jonathan M. Smith <jms@cis.upenn.edu>

CC: Angelos Keromytis <[REDACTED]>

Subject: Re: FYI

Attachments: ATT00001 (12 Bytes), msg.asc (3.73 KB)

From: Angelos D. Keromytis <[REDACTED]>  
Sent on: Saturday, May 12, 2018 6:20:28 PM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: Re: fyi

Yup

> On May 12, 2018, at 7:31 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> <http://www4.comp.polyu.edu.hk/~csxluo/DNSINFOCOM18.pdf>

>

> Horrible paper, but look at the big picture and what they are trying to do.

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Sunday, April 15, 2018 8:23:36 PM

To: Angelos D. Keromytis [REDACTED]

Subject: Re: fyi

Attachments: ATT00001 (12 Bytes), msg.asc (3 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Wednesday, March 14, 2018 3:13:43 PM  
To: Tejas Patel <tejas@kududyn.com>  
CC: Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: fyi

Yes, that's it :)

On Mar 14, 2018, at 9:58 AM, Tejas Patel <tejas@kududyn.com<mailto:tejas@kududyn.com>> wrote:

Angelos,

George wrote a paper on the rich header. Can't find the link but you might want to send this to him.

Regards,  
Tejas

Get Outlook for iOS <<https://aka.ms/o0ukef>>

On Wed, Mar 14, 2018 at 9:56 AM -0400, "Keromytis, Angelos"  
<angelos.keromytis@darpa.mil<mailto:angelos.keromytis@darpa.mil>> wrote:

<https://securelist.com/the-devils-in-the-rich-header/84348/>

From: Angelos D. Keromytis [REDACTED]  
Sent on: Sunday, January 21, 2018 7:20:47 PM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: Re: fyi

Agreed about MS vs. PhD — I responded with exactly that comment. We'll see what he says.

> On Jan 21, 2018, at 2:19 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> Not really impressed to be honest. The key question here is why he applied for a MSc instead of PhD? Was it because he didn't consider it (it is bad but not a deal ender) or simply he does not like it ( that is a deal breaker --- why pick up a student that might leave from you in 2 years with a master?).

>  
> Not sure, up to you. If you talked to him and you think his mind is in the game for a full PhD, then lets pick him up.

>  
> You want me to talk to him over skype this week?

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Angelos D. Keromytis [REDACTED] >  
> Sent: Sunday, January 21, 2018 2:08:32 PM  
> To: Antonakakis, Manos  
> Subject: fyi  
>

**From:** Angelos D. Keromytis [REDACTED] >  
**Sent on:** Thursday, September 28, 2017 9:14:07 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: FYI

Thanks

On Sep 28, 2017, at 14:16, Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)> wrote:

FYI

---

Typos due to mobile device ...

Begin forwarded message:

**From:** Microsoft Outlook <[MicrosoftExchange329e71ec88ae4615bbc36ab6ce41109e@gtvault.onmicrosoft.com](mailto:MicrosoftExchange329e71ec88ae4615bbc36ab6ce41109e@gtvault.onmicrosoft.com)>  
>  
**Date:** September 28, 2017 at 14:13:49 EDT  
**To:** <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Subject: Undeliverable: this is the email**

**Delivery has failed to these recipients or groups:**

[Angelos D. Keromytis](mailto:Angelos.D.Keromytis@[REDACTED]) [REDACTED]

Your message couldn't be delivered. Despite repeated attempts to contact the recipient's email system it didn't respond.

Contact the recipient by some other means (by phone, for example) and ask them to tell their email admin that it appears that their email system isn't accepting connection requests from your email system. Give them the error details shown below. It's likely that the recipient's email admin is the only one who can fix this problem.

For more information and tips to fix this issue see this article:  
<http://go.microsoft.com/fwlink/?LinkId=389361>.



## Diagnostic information for administrators:

Generating server: [DM5PR07MB3417.namprd07.prod.outlook.com](mailto:DM5PR07MB3417.namprd07.prod.outlook.com)

Receiving server: [DM5PR07MB3417.namprd07.prod.outlook.com](mailto:DM5PR07MB3417.namprd07.prod.outlook.com)

Total retry attempts: 50

[angelos@keromytis.com](mailto:angelos@keromytis.com)

9/28/2017 6:13:49 PM - Server at

[DM5PR07MB3417.namprd07.prod.outlook.com](mailto:DM5PR07MB3417.namprd07.prod.outlook.com) returned '550 5.4.300

Message expired -> 451 4.4.398 Error communicating with frontend host. ->

421 4.4.2 Connection dropped due to SocketError'

9/27/2017 1:06:30 PM - Server at [mail.keromytis.com](mailto:mail.keromytis.com) (25.152.68.27)

returned '451 4.4.398 Error communicating with frontend host. -> 421 4.4.2

Connection dropped due to SocketError'

### Original message headers:

Received: from [DM5PR07MB3418.namprd07.prod.outlook.com](mailto:DM5PR07MB3418.namprd07.prod.outlook.com) (10.164.146.15) by [DM5PR07MB3417.namprd07.prod.outlook.com](mailto:DM5PR07MB3417.namprd07.prod.outlook.com) (10.164.146.14) with Microsoft SMTP Server (version=TLS1\_2, cipher=TLS\_ECDHE\_RSA\_WITH\_AES\_256\_CBC\_SHA384\_P256) id 15.20.77.7; Tue, 26 Sep 2017 18:23:08 +0000

Received: from [DM5PR07MB3418.namprd07.prod.outlook.com](mailto:DM5PR07MB3418.namprd07.prod.outlook.com) ([10.164.146.15]) by [DM5PR07MB3418.namprd07.prod.outlook.com](mailto:DM5PR07MB3418.namprd07.prod.outlook.com) ([10.164.146.15]) with mapi id 15.20.0077.011; Tue, 26 Sep 2017 18:23:07 +0000

From: "Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)>

To: "Angelos D. Keromytis" <[REDACTED]>

Subject: this is the email ☐

Thread-Topic: this is the email ☐

Thread-Index: AQHTNvSAPGcjeNtl9UqnBlfdtDSozw==

Date: Tue, 26 Sep 2017 18:23:07 +0000

Message-ID: <[DM5PR07MB34188F3DFFD216B71AB0550BC27B0@DM5PR07MB3418.namprd07.prod.outlook.com](mailto:DM5PR07MB34188F3DFFD216B71AB0550BC27B0@DM5PR07MB3418.namprd07.prod.outlook.com)>

References: <[09200452-083D-486A-B0C3-DC39EBFCC7DE@gatech.edu](mailto:09200452-083D-486A-B0C3-DC39EBFCC7DE@gatech.edu)>

In-Reply-To: <[09200452-083D-486A-B0C3-DC39EBFCC7DE@gatech.edu](mailto:09200452-083D-486A-B0C3-DC39EBFCC7DE@gatech.edu)>

Accept-Language: en-US

Content-Language: en-US

X-MS-Has-Attach: yes

X-MS-TNEF-Correlator:

authentication-results: spf=none (sender IP is )  
[smtplibmailfrom=manos@gatech.edu](mailto:smtplibmailfrom=manos@gatech.edu); ☐

x-originating-ip: [130.207.224.60]

x-ms-publictraffictype: Email

x-microsoft-exchange-diagnostics: 1;DM5PR07MB3417;6:s+dz+n+Jj83oimc01mpP3gibMEw

x-ms-exchange-antispam-srfa-diagnostics: SSOS;

x-ms-office365-filtering-correlation-id: 0b421cc1-60b3-4639-fcf9-08d5050ba2fa

x-microsoft-antispam: UriScan:(90812173117989);BCL:0;PCL:0;RULEID:(22001)(2017

x-ms-traffictypediagnostic: DM5PR07MB3417:

x-exchange-antispam-report-test: UriScan:(158342451672863)(156600954879566)(18

x-microsoft-antispam-prvs: <[DM5PR07MB341747570BC195A91ADA9C1BC27B0@DM5PR07MB3418.namprd07.prod.outlook.com](mailto:DM5PR07MB341747570BC195A91ADA9C1BC27B0@DM5PR07MB3418.namprd07.prod.outlook.com)>

x-exchange-antispam-report-cfa-test: BCL:0;PCL:0;RULEID:(100000700101)(1001050

x-forefront-prvs: 0442E569BC

x-forefront-antispam-report: SFV:NSPM;SFS:(10019020)(6009001)(346002)(376002)(

received-spf: None ([protection.outlook.com](mailto:protection.outlook.com): [gatech.edu](mailto:gatech.edu) does not designate permitted sender hosts)

spamdiagnosticoutput: 1:99

spamdiagnosticmetadata: NSPM

Content-Type: multipart/mixed;

Boundary=" \_002\_DM5PR07MB34188F3DFFD216B71AB0550BC27B0DM5PR07MB3418nampr\_ "

MIME-Version: 1.0

X-OriginatorOrg: [gatech.edu](mailto:gatech.edu)

X-MS-Exchange-CrossTenant-originalarrivaltime: 26 Sep 2017 18:23:07.8523 (UTC)

X-MS-Exchange-CrossTenant-fromentityheader: Hosted  
X-MS-Exchange-CrossTenant-id: 482198bb-ae7b-4b25-8b7a-6d7f32faa083  
X-MS-Exchange-Transport-CrossTenantHeadersStamped: DM5PR07MB3417

<mime-attachment>

<mime-attachment>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Wednesday, August 22, 2018 8:44:31 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Smith, Jonathan <jonathan.smith@darpa.mil>; [REDACTED] Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>

Subject: Re: FYI-

No worries.

> On Aug 22, 2018, at 12:26 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> [hxxps://xxx.internetgovernance \[ . \] org/wp-content/uploads/WhitePaper-Attribution-Final-PDF.pdf](https://xxx.internetgovernance[.]org/wp-content/uploads/WhitePaper-Attribution-Final-PDF.pdf)

>

> This appear to be a garbage report out of GT-Policy that mentions in some parts the Rhamnousia project. Neither I, nor the members of my team had any interaction with these clowns and I/we have provided any information about what we do. Whatever they found and wrote about our project was from online materials.

>

> Goes without saying, these are not thoughts, language or opinions that represent our GT team.

>

> This is a heads up.

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, May 4, 2018 3:39:05 PM  
To: Tejas Patel <tejas@kududyn.com>  
CC: Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; James Nuttall <james@kududyn.com>  
Subject: Re: Georgia Tech Global Learning Center (GLC)/Hackathon

Absolutely, whatever you guys want to do. I am busy enough, I am happy with one less thing in my queue.

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Tejas Patel <tejas@kududyn.com>  
Sent: Friday, May 4, 2018 10:28:53 AM  
To: Antonakakis, Manos  
Cc: Keromytis, Angelos D CIV DARPA (US); Smith, Jonathan; Schneck, Christopher (contr-i2o); Farrell, Michael D; James Nuttall  
Subject: Re: Georgia Tech Global Learning Center (GLC)/Hackathon

Manos:

I'm not thrilled about using your foundation money and there is no way we can organize anything meaningful before the PI meeting anyway. We are still trying to figure out when we can have the hackathon (summer months are difficult) and what topic we want to focus on.

Can we revisit at the PI meeting?

Regards,

Tejas

Tejas Patel  
Principal investigator  
Kudu Dynamics  
+1 919-332-3191 (c)  
tejas@kududyn.com <<mailto:tejas@kududyn.com>>

On Fri, May 4, 2018 at 9:51 AM, Antonakakis, Manos <manos@gatech.edu <<mailto:manos@gatech.edu>>> wrote:  
Now, with the correct email for Tejas.

—

Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Friday, May 4, 2018 9:49 AM  
To: Patel, Tejas H CTR (US); Farrell, Michael D

Cc: Keromytis, Angelos D CIV DARPA (US); Smith, Jonathan; Schneck, Christopher (contr-i2o)  
Subject: Fw: Georgia Tech Global Learning Center (GLC)/Hackathon

OK, Gents. We did some digging around and we found this great deal inline. \$5100 for room, food, coffee, etc, for 4 days.

This is located adjacent to the GT hotel. So, if you want to host the hackathon the week after the PI meeting, it can be done and it can be done relatively cheaply.

The only problem I have with this is that I have to spend money from my foundation account. As JMS and Aneglos can testify, foundation accounts are kind of priceless. However, if this will help the TA2 transition and the synergy around the entire problem, I would be happy to eat this bill.

Angelos, JMS, Tejas; your thoughts please? We have to move fast so we can secure the place for this event. If we end up with a "yes, lets do it", I will need Chris to work with Michael M. in organizing this (invitations, logistics, etc.).

Thanks,

---

Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Mitchell, Michael F  
Sent: Friday, May 4, 2018 9:36 AM  
To: Antonakakis, Manos  
Subject: FW: Georgia Tech Global Learning Center (GLC)/Hackathon

Hey Manos,

I spoke with our planning and events person for ECE about the Hackathon event per our conversation. She reached out to the Global Learning Center to get an estimate on what they charge for things. They responded fairly quickly with a cost of \$85 per day which includes the room, a buffet lunch, continental breakfast (with 1 Hot item) and a continuous snack/food break service from 7pm to 5 pm which I believe includes self serve coffee, but I will need to verify to be sure.

For 15 people per our meeting it would cost about \$5100. You currently have about 18,000 in the foundation account currently. If this is something you want to do I think this is probably the best/easiest way to do it. Since the week before June 9th seems to be filling up with activities, I think the week after would be best.

Let me know what you want to do.

Michael

From: Oliva, Joanna  
Sent: Wednesday, May 2, 2018 6:05 PM  
To: Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)<<mailto:michael.mitchell@ece.gatech.edu>>>  
Subject: Fw: Georgia Tech Global Learning Center (GLC)/Hackathon

Hey Michael,

Please see the quote below from the GLC! Let me know if you would like to move forward or have any questions.

Joanna Oliva  
Event Coordinator  
School of Electrical and Computer Engineering  
Phone: 404.894.9827

Email:  
joanna.oliva@ece.gatech.edu <mailto:joanna.oliva@ece.gatech.edu> <mailto:joanna.oliva@ece.gatech.edu <mailto:joanna.oliv

---

From: Clement, Crystal D  
Sent: Wednesday, May 2, 2018 4:43:41 PM  
To: Oliva, Joanna  
Subject: Georgia Tech Global Learning Center (GLC)/Hackathon

Hi Joanna,

I received your information about the event in June. I do have availability for both sets of dates. Below is the pricing on a per person basis. Please review and let me know if you have any questions or need anything else from me. We would love to host!

\$85 per person, per day with PeopleSoft #

Full Day Meeting Package with Lunch includes:

- Meeting space – general session room
- Premium Tech AV Package[1] with on-site support
- Buffet Lunch
- BuzzBreak – our continuous food break service provided throughout the duration of your program (7am – 5pm), including a full continental breakfast with one hot item
- Complimentary shuttle service from MARTA station (4 blocks)
- 

Audio visual equipment included in the above package:

Premium Tech AV package includes ceiling mounted LCD projector, built in screens, document camera, lectern with control system touch panel, built in VCR, and laptop connectivity. There will be an hourly charge for set up, personnel, and/or equipment beyond the Premium Tech AV package.

1st or 3rd floor breakout rooms are \$500 per breakout, per day.

Exhibitor Package:

\$75 per exhibit table, per day

6 ft banquet table

Black stretchy linen

Power cord and outlet strip

Chair

Trash can

Thanks!

Crystal Clement

Sales Manager

Georgia Tech Global Learning Center

84 5th St. NW, Atlanta, GA 30308-1031

404-385-1690 |

crystal.clement@pe.gatech.edu <mailto:crystal.clement@pe.gatech.edu> <mailto:crystal.clement@pe.gatech.edu <mailto:cryst

LinkedIn <<http://www.linkedin.com/company/georgia-tech-global-learning-center>> |

[www.gatechcenter.com](http://www.gatechcenter.com) <<http://www.gatechcenter.com>> <<http://www.gatechcenter.com/>>

---

[1] Premium Tech AV Package includes: Ceiling mounted LCD projector, built in screens, document camera, lectern with control system touch panel, built in VCR, and laptop connectivity.

**From:** Joffe, Rodney<Rodney.Joffe@team.neustar>  
**Sent on:** Friday, October 11, 2019 8:50:18 PM  
**To:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>  
**CC:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Re: Georgia Tech Option year 4

Hi Michael

John moved on recently... so I am "the guy". :-)

Thanks!

Rodney

On Oct 11, 2019, at 8:18 PM, Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)> wrote:

Hey Rodney,

It is time to renew the PO with Georgia Tech for year 4. I tried to send this to John hall but received a bounce back. Can you let me know who the right contact for this is, so I can get the quote refreshed and processed?

Thanks!

**Michael Mitchell**

Research Operations Program Manager

**GEORGIA Institute**

**of TECH nology**

School of Electrical and Computer Engineering

777 Atlantic Drive NW

Atlanta, GA 30332-0765

Phone: 404-385-8122

<Neustar Quote.pdf>



**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Thursday, February 1, 2018 12:27:13 AM  
**To:** Angelos D. Keromytis<[REDACTED]>  
**CC:** Beyah, Raheem A<rbeyah@ece.gatech.edu>; Farrell, Michael D<Michael.Farrell@gtri.gatech.edu>  
**Subject:** Re: Georgia Tech Research Institute

Nah, I do not trust those GTRI guys. We at ECE are more trustworthy ;)

---  
Typos due to mobile device ...  
On Jan 31, 2018, at 19:22, Angelos D. Keromytis <[REDACTED]> wrote:

I wonder what the salary is...maybe I should apply for it? :-D  
-Angelos

Begin forwarded message:

**From:** "Elaine Filimon" <[eaf@filimonpartners.com](mailto:eaf@filimonpartners.com)>  
**Subject:** Georgia Tech Research Institute  
**Date:** January 31, 2018 at 10:39:06 AM EST  
**To:** <[REDACTED]>

Dear Angelos,  
I am hoping you might have some thoughts on a current executive search assignment. Filimon Partners has been retained by Georgia Tech Research Institute (GTRI) to recruit a senior member of their leadership team. GTRI is a highly regarded, growing, \$400 million applied research and development organization that is part of the Georgia Institute of Technology.  
We are seeking the Deputy Director, Information & Cyber Sciences to manage the \$120 million, 500 person Directorate comprised of two research labs. The research focuses on cyber technology, command and control, mission assurance, and information systems. The ideal candidate will possess a Masters or Ph.D. in a technical field and have 15+ years of relevant experience in leading a large DoD focused, diverse engineering research organization with demonstrated relationship building skills. This is a senior position within GTRI and the Deputy Director, Information & Cyber Sciences will be a member of the GTRI Executive Council of the Institute.  
I would welcome the opportunity to discuss at your convenience.  
Many thanks,  
Elaine Filimon  
Elaine A. Filimon  
Filimon Partners  
703-519-4572  
[eaf@filimonpartners.com](mailto:eaf@filimonpartners.com)  
[www.filimonpartners.com](http://www.filimonpartners.com)

From: Angelos D. Keromytis <[REDACTED]>  
Sent on: Tuesday, April 3, 2018 5:16:03 PM  
To: Dillon, Linda <linda.dillon@ece.gatech.edu>  
CC: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: Getting Angelos on-board as a research consultant

Linda, when I did this last time (with George Mason University), being a consultant for 90 days prior to the IPA start date was sufficient.

> On Apr 3, 2018, at 6:12 PM, Dillon, Linda <linda.dillon@ece.gatech.edu> wrote:

>  
> Good Afternoon,  
>  
> I spoke to Roberta in GT's OSP Office and Angelos will need to be on payroll (not a consultant) for 90 days before IPA can be transferred to GT. Roberta handles all the IPA's for GT.  
>  
> I'm working with some other office on campus (COE and Provost) to see if something can be done.  
>  
> Regards,  
> Linda

> -----Original Message-----

> From: Angelos D. Keromytis <[REDACTED]>  
> Sent: Tuesday, April 03, 2018 11:38 AM  
> To: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
> Cc: Dillon, Linda <linda.dillon@ece.gatech.edu>; Antonakakis, Manos <manos@gatech.edu>  
> Subject: Re: Getting Angelos on-board as a research consultant

> Yes, let me find the right person.

>> On Apr 3, 2018, at 3:57 PM, Mitchell, Michael F <michael.mitchell@ece.gatech.edu> wrote:

>>  
>> Hey Angelos,  
>>  
>> I spoke with our HR representative here and we have some questions that we need to get answered. Is there a person in your agency that we can speak to regarding IPA? It's a program that we are very unfamiliar with and since the timing is critical we need to get this right from the onset and ASAP.

>>  
>> Thanks!

>>  
>> Michael

>> -----Original Message-----

>> From: Angelos D. Keromytis <[REDACTED]>  
>> Sent: Thursday, March 29, 2018 11:09 AM  
>> To: Antonakakis, Manos <manos@gatech.edu>  
>> Cc: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
>> Subject: Re: Getting Angelos on-board as a research consultant

>>  
>> Ping?

>>> On Mar 26, 2018, at 2:56 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>>  
>>> Michael, we need to set up Angelos as a consultant for GT. His task will be the review and red-team academic papers we are about to submit to Tier one academic conferences. I would like to hire him for 8 hours per month at \$130ph,

effective ASAP.

>>>

>>> Lets talk about this in our one-on-one meeting tomorrow and then I will let you talk with Angelos directly for the details.

>>>

>>> Thanks,

>>>

>>> —

>>> Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)

>>> Georgia Institute of Technology

>>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>>

>>

>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Wednesday, July 11, 2018 3:37:02 PM

To: Roberto Perdisci <perdisci@gtisc.gatech.edu>

CC: Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; Manos Antonakakis <manos@gatech.edu>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Crone, Ian <ian.crone@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Wednesday, July 11, 2018 3:36:53 PM

Subject: Re: Global detection of IoT devices

Attachments: Nameless.txt (4.71 KB)

## Virgil, Franchesca

---

**From:** baseball-bounces@centergate.com on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Saturday, July 22, 2017 4:43 PM  
**To:** baseball@centergate.com  
**Subject:** [DNS Inside Baseball 2017] September/October Inside baseball 2017-Fall

Hi Guys,

Schedules are starting to harden. We had all talked about the next IB, and scheduling it before NANOG71/OARC.

As a reminder, NANOG is Oct 2 (Monday) through Oct 4 (Wednesday) at the Fairmont in San Jose.  
OARC seems to be September 29 (Friday) and September 30 (Saturday) also at the Fairmont in San Jose.

So Saturday night/Sunday/Sunday seem to be available if you want to minimize the time in the Bay Area, or Wednesday/Thursday, which means a week in San Jose, Wednesday through Wednesday, over a weekend.

Allison has indicated that Salesforce may be able to host IB, in San Francisco, rather than San Jose.

Can we start a discussion here now, on logistics? It seems that we have to decide if we want 2 days (meaning Wednesday and Thursday) or one day (Thursday or Sunday). And whether San Francisco for one day and OARC and NANOG in San Jose works

The floor is open :-)

Begin forwarded message:

**From:** Denesh Bhabuta - OARC <[denesh@dns-oarc.net](mailto:denesh@dns-oarc.net)>  
**Subject:** [dns-operations] OARC 27 Accommodation - Very limited availability  
**Date:** July 22, 2017 at 1:19:24 PM EDT  
**To:** [dns-operations@dns-oarc.net](mailto:dns-operations@dns-oarc.net)

Dear colleagues

The OARC 27 accommodation block is in the Fairmont San Jose - the workshop venue itself.

We have once again been working with NANOG (as we are co-locating with NANOG 71) and the booking link is now live at:

<http://www.cvent.com/events/nanog-71/custom-36-4f71b2f3181e49c1ab199f5d5d405bb8.aspx>

There is extremely limited availability of rooms as there are other events taking place across the city during that time and the hotel have informed us no additional rooms will be released. Once the room allocations are exhausted there will be no further rooms available at the hotel.

I, thus, strongly suggest you book your accommodation sooner rather than later (as it is a NANOG block, the rooms are likely to be snapped up very quickly by NANOG only attendees too).

Room rates are from US\$249 + taxes for single and double occupancy.

We will assess the shortfall in number of rooms, so please do contact me and let me know if rooms are no longer available for the OARC 27 dates when you try and book.

Regards

Denesh

---

dns-operations mailing list

[dns-operations@lists.dns-oarc.net](mailto:dns-operations@lists.dns-oarc.net)

<https://lists.dns-oarc.net/mailman/listinfo/dns-operations>

dns-operations mailing list

<https://lists.dns-oarc.net/mailman/listinfo/dns-operations>

## Virgil, Franchesca

---

**From:** NANOG <nanog-bounces+cas.dangelo=oit.gatech.edu@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Saturday, October 15, 2016 9:09 AM  
**To:** NANOG  
**Subject:** 18 years ago today - rfc 2468

How time flies....

## Virgil, Franchesca

---

**From:** NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe  
<rjoffe@centergate.com>  
**Sent:** Sunday, October 15, 2017 7:00 PM  
**To:** NANOG  
**Subject:** 19 years ago today (Oct 16th, 1998) we lost our guide - Jon Postel - RFC2468

To us graybeards, it feels like just yesterday. And as Randy points out, this coming Friday we also remember Abha who passed away 16 years ago, in 2001. <http://www.neebu.net/~khuon/abha/>

Sigh.



## Virgil, Franchesca

---

**From:** ARIN-discuss <arin-discuss-bounces@arin.net> on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Thursday, October 11, 2018 1:09 AM  
**To:** arin-discuss@arin.net  
**Subject:** [arin-discuss] How to unsubscribe - Was Re: ARIN Election SPAM  
**Attachments:** ATT00001.txt

It's tough to believe you folks are actually successful in this technical industry. You don't know how typical listservs like mailman work, and you're not capable of reading all the way to the footers where the instructions typically reside.

So to help those in the slow-reading group and to save the "few with a clue(tm)" from too many more "unsubscribe me" bleats, repeating what is at the end of every email sent to/from this list:

Unsubscribe or manage your mailing list subscription at:  
<https://lists.arin.net/mailman/listinfo/arin-discuss>

Furrfu

On Oct 11, 2018, at 12:51 AM, Bruce Freshwater <[BFreshwater@sierraexperts.com](mailto:BFreshwater@sierraexperts.com)> wrote:

Your unsubscribe request has been noted.

Feel like Tommy Boy here...for the love of God please quit reply all 😊😂👉

-bruce

On Thu, Oct 11, 2018 at 12:33 AM -0400, "Mike Smith" <[msmith@amcomminc.com](mailto:msmith@amcomminc.com)> wrote:

Unsubscribe

Mike Smith Operations Manager CATV

----- Original message -----

From: Randall Brooks <[randall@pioneerbroadbandnetworks.com](mailto:randall@pioneerbroadbandnetworks.com)>  
Date: 10/11/18 12:28 AM (GMT-05:00)  
To: dotCOM host - Remik <[remik@dotcomhost.com](mailto:remik@dotcomhost.com)>, [arin-discuss@arin.net](mailto:arin-discuss@arin.net)  
Subject: Re: [arin-discuss] ARIN Election SPAM

Unsubscribe

Sent via the Samsung Galaxy S8+, an AT&T 4G LTE smartphone

----- Original message -----

From: dotCOM host - Remik <[remik@dotcomhost.com](mailto:remik@dotcomhost.com)>

Date: 10/10/18 11:24 PM (GMT-06:00)

To: [arin-discuss@arin.net](mailto:arin-discuss@arin.net)

Subject: Re: [arin-discuss] ARIN Election SPAM

Unsubscribe

This is NOT why I joined this list and I have no desire (or time) to see the juvenile Pedro/Trump/Kavanaugh/I Like Beer/Eleventy!!! jokes. There are groups for that, if that's your thing. This is not it. This is an ARIN list. Keep it to ARIN news and info. If you can't - just don't bother the entire world with your "jokes" - every message you send gets sent to thousands upon thousands of people, in case you didn't realize it by now.

Unless this is cleaned up immediately - please remove me from this list.

Remik

On Oct 10, 2018, at 6:45 PM, Nathaniel B. Lyon <[nate.lyon@nfldwifi.net](mailto:nate.lyon@nfldwifi.net)> wrote:

Unsubscribe

**Nathaniel B. Lyon | Founder, President**

NorthfieldWiFi | [www.northfieldwifi.com](http://www.northfieldwifi.com)

[1403 Heritage Drive, Suite A | Northfield, MN 55057](https://www.google.com/maps/place/1403+Heritage+Drive,+Suite+A+|+Northfield,+MN+55057)

[612\) 991-4260 ext. 6](tel:6129914260) | [nate.lyon@nfldwifi.net](mailto:nate.lyon@nfldwifi.net)

On Oct 10, 2018, at 8:41 PM, Brad Timberlake <[bradt@pcsia.com](mailto:bradt@pcsia.com)> wrote:

*unsubscribe*

---

ARIN-Discuss

You are receiving this message because you are subscribed to the ARIN Discussion Mailing List ([ARIN-discuss@arin.net](mailto:ARIN-discuss@arin.net)).

Unsubscribe or manage your mailing list subscription at:

<https://lists.arin.net/mailman/listinfo/arin-discuss>

Please contact [info@arin.net](mailto:info@arin.net) if you experience any issues.

---

ARIN-Discuss

You are receiving this message because you are subscribed to the ARIN Discussion Mailing List ([ARIN-discuss@arin.net](mailto:ARIN-discuss@arin.net)).

Unsubscribe or manage your mailing list subscription at:

<https://lists.arin.net/mailman/listinfo/arin-discuss>

Please contact [info@arin.net](mailto:info@arin.net) if you experience any issues.

---

ARIN-Discuss

You are receiving this message because you are subscribed to

the ARIN Discussion Mailing List ([ARIN-discuss@arin.net](mailto:ARIN-discuss@arin.net)).  
Unsubscribe or manage your mailing list subscription at:  
<https://lists.arin.net/mailman/listinfo/arin-discuss>  
Please contact [info@arin.net](mailto:info@arin.net) if you experience any issues.

## Virgil, Franchesca

---

**From:** [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>  
**Sent:** Wednesday, August 10, 2016 7:56 AM  
**To:** Roberts, Kristen N; Joffe, Rodney  
**Subject:** DARPA - EA Sub: Neustar

Hey Kristen,

Please meet Rodney. Rodney, Kristen is my great financial admin.

Kristen, Rodney can help you with all necessary details you might need for OSP.

For Neustar, will have the following yearly breakdown:

Y1: \$1M  
Y2: \$300K  
Y3: \$250K  
Y4: \$250K  
Y5: \$125K

The SOW have been structured in such away that will reflect this distribution of funds. One special thing with Neustar is the following. It would be ideal if we can have a PO from them by 30th of September. This is something that we should try very hard to do.

Rodney, please help Kristen with any information she might need from Neustar in order to have you formally in the GT systems as a vendor.

Cheers,

Manos

## Virgil, Franchesca

---

**From:** [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>  
**Sent:** Tuesday, September 27, 2016 4:29 PM  
**To:** Joffe, Rodney; Hayman, Denise  
**Cc:** Roberts, Kristen N  
**Subject:** DARPA EA clarifications --- Neustar  
**Attachments:** Basic\_DARPA\_BUDGET\_Manos.xls

Hey Rodney and Denise,

Hope you are doing great. Kristen and I would like from you the following clarifications.

1. Please provide us a new quote for \$1,925,000, where you clearly state the discount you gave us.
2. Please provide as a working Excel workbook for the pricing proposal. (Attached the template).

If you need any clarification on these (especially on the working Excel workbook), Kristen and I are here to help.

Many thanks,

Manos

## Virgil, Franchesca

---

**From:** [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>  
**Sent:** Saturday, November 19, 2016 9:45 AM  
**To:** David Dagon; Farrell, Michael D; Beyah, Raheem A; Joffe, Rodney; Fabian Monroe  
**Subject:** DARPA Team Dinner

Gents,

You (and members of your teams?) will come out to the kick off meeting. Can you please confirm that you (and your team?) will be available for a Monday dinner? I will try to get us a place walking distance from DARPA and the Hilton hotel (where most of us will be staying).

Thanks,

Manos

## Virgil, Franchesca

---

**From:** Travis, Elan <Elan.travis@osp.gatech.edu>  
**Sent:** Friday, September 16, 2016 4:44 PM  
**To:** 'rodney.joffe@neustar.biz'  
**Cc:** Antonakakis, Manos; Roberts, Kristen N  
**Subject:** Draft/sample subcontract  
**Attachments:** Draft Subcontract Cost Reimbursement template.doc

Good Afternoon Rodney,

Kristen Roberts in Georgia Techs School of Electrical and Computer Engineering asked me to provide you with a draft subcontract. I have attached the draft template, please know that depending on the prime awards terms this may change with items being removed and/or added.

Please feel free to contact my if you have any questions or concerns.

### Élan Travis

Contracting Specialist

**Georgia Institute of Technology | GTRC**

Office of Sponsored Programs

505 Tenth Street, Atlanta GA 30332-0420

404.385-3645 p | 404.894.5945 f | [elan.travis@osp.gatech.edu](mailto:elan.travis@osp.gatech.edu)



## Virgil, Franchesca

---

**From:** McConnell, Kirk (Armed Services) <Kirk\_McConnell@armed-services.senate.gov>  
**Sent:** Saturday, June 29, 2019 12:32 AM  
**To:** Antonakakis, Manos; Rodney Joffe; Joffe Rodney  
**Subject:** Fwd: connection for briefing on Enhanced Attribution

Well, Michael is quite a guy isn't he?

Sent from my iPhone

Begin forwarded message:

**From:** "Farrell, Michael" <[michael.farrell@isp.gatech.edu](mailto:michael.farrell@isp.gatech.edu)>  
**Date:** June 28, 2019 at 4:41:00 PM EDT  
**To:** "McConnell, Kirk (Armed Services)" <[Kirk\\_McConnell@armed-services.senate.gov](mailto:Kirk_McConnell@armed-services.senate.gov)>  
**Cc:** Ian Crone <[ian.crone@darpa.mil](mailto:ian.crone@darpa.mil)>, "lisa.heyes@darpa.mil" <[lisa.heyes@darpa.mil](mailto:lisa.heyes@darpa.mil)>  
**Subject:** Re: connection for briefing on Enhanced Attribution

Kirk,

Thanks for your interest in Georgia Tech research. However, we (GT) have no comment or position on the below. In fact, going forward please contact DARPA directly about any and all issues or questions or comments related to the enhanced attribution program. The DARPA congressional liaison and program manager are copied on this message and can respond, as needed. The Georgia Tech/GTRI PI and Co-PIs on this research program are not the appropriate POCs for any questions, comments, or concerns.

The government, not GT, makes decisions related to funding and transition from research at DARPA to other entities. The focus of Manos, myself and other Co-PIs is completely on doing impactful research. We follow contractual requirements and relevant policies for our part of this program (and GT is only one part), and devote our energy to 'creating the next' in cyber security.

Best,

Michael

On Jun 25, 2019, at 12:24, McConnell, Kirk (Armed Services) <[Kirk\\_McConnell@armed-services.senate.gov](mailto:Kirk_McConnell@armed-services.senate.gov)> wrote:

FYI. Andy is on the SAC-D staff. Andrew Pahutski from SCO is seeking approval from us on the Hill to shift some SCO money to Enhanced Attribution.

---

**From:** McConnell, Kirk (Armed Services)  
**Sent:** Tuesday, June 25, 2019 12:22 PM  
**To:** Heyes, Lisa ([lisa.heyes@darpa.mil](mailto:lisa.heyes@darpa.mil)) <[lisa.heyes@darpa.mil](mailto:lisa.heyes@darpa.mil)>; Vanlandingham, Andy (Appropriations) <[Andy\\_Vanlandingham@appro.senate.gov](mailto:Andy_Vanlandingham@appro.senate.gov)>  
**Subject:** connection for briefing on Enhanced Attribution



Lisa –

Andy Vanlandingham is interested in learning more about DARPA's Enhanced Attribution cybersecurity program. It turns out that a current SCO program manager whom we know well is moving over to Cyber Command to help with the transition of this DARPA program to CYBERCOM. Thanks, Kirk

## Virgil, Franchesca

---

**From:** Antonakakis, Manos  
**Sent:** Friday, February 22, 2019 8:03 AM  
**To:** Rodney Joffe; Joffe, Rodney  
**Cc:** Ian Crone; Schneck, Christopher (contr-i2o)  
**Subject:** E-introductions: Neustar --- new EA PM

Hey Rodney,

I am very happy to announce that we now have a new Program Manager (PM) for the EA project. Mr. Ian Crone will be leading the program from this point on, and Mr. Chris Schneck will be helping him out.

All of us think that it would be great if the new PM team meets (in a virtual or physical meeting) with you and talk about the datasets you have been providing in support of my effort in this project. I do not \_have to\_ be part of this meeting, because my schedule is too busy and I will simply slow things down. You should work directly with the Chris and Ian and set the meeting up.

Many thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

## Virgil, Franchesca

---

**From:** Antonakakis, Manos  
**Sent:** Monday, November 13, 2017 7:27 AM  
**To:** Joffe, Rodney; Rodney Joffe  
**Subject:** Fw: EA PI Meeting: 1 December 2017 (Friday) at the DCC --- Response needed by COB on 27 November 2017  
**Attachments:** DARPA104.pdf; DARPA60.pdf

Rodney, please note the new registration process you have to go through in order to attend the meeting. Let me know if you want to be there.

Cheers,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Monday, November 13, 2017 7:25 AM  
To: fabian@cs.unc.edu; [REDACTED]; Farrell, Michael D; Demar, Jeremy; perdisci@cs.uga.edu; Ahamad, Mustaque; Blough, Douglas M  
Subject: Fw: EA PI Meeting: 1 December 2017 (Friday) at the DCC --- Response needed by COB on 27 November 2017

Folks, please see inline -- the registration process has changed. Let me know if you can make this meeting.

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
Sent: Thursday, November 9, 2017 1:18 PM  
To: Maddern, Thomas (contr-i2o); Patel, Tejas (contr-i2o)  
Cc: mikef@kududyn.com; Antonakakis, Manos; Robert Wright; Neil Costigan; Scott Tenaglia; Vince Urias; Stephen Schwab; Ben Radford  
Subject: EA PI Meeting: 1 December 2017 (Friday) at the DCC --- Response needed by COB on 27 November 2017

All:

The registration process for this PI meeting will be different from previous ones. Rather than going through a registration website, we're requesting that each PI respond to Tom Maddern (thomas.maddern.ctr@darpa.mil) with the names, organizations, and countries of citizenship for each of your team members planning on attending. Please provide this information by COB Monday, November 27th.

Each individual attending will need to bring a completed DARPA Form 104 (attached) along with a government issued ID to the meeting. Non-US citizens will need to submit a DARPA Form 60 (attached) in advance.

Due to a recent DARPA policy change, we are no longer permitted to collect registration fees for covering expenses associated providing with food and beverages at PI meetings. Instead, as shown in the agenda, time will be allowed for lunch and other refreshments to be purchased individually at one of the many local restaurants near DARPA or in the café near the building lobby.

Any questions or concerns you may have about this meeting can be directed to both Tom and myself.

Regards,

Tejas Patel

Systems Engineering and Technical Assistance DARPA I2O

work: +1 571-218-4936

blackberry: +1 571-239-5912

NIPR: tejas.patel.ctr@darpa.mil

SIPR: tejas.patel.ctr@darpa.smil.mil

JWICS: tejas.patel.ctr@darpa.ic.gov

## Virgil, Franchesca

---

**From:** Antonakakis, Manos  
**Sent:** Wednesday, November 8, 2017 2:54 PM  
**To:** Joffe, Rodney  
**Cc:** Rodney Joffe  
**Subject:** Fw: Notification HR001117S0051-HACCS-FP-029  
**Attachments:** Letter 029.pdf

Great news Rodney, we got the official notification that we won HACCS! Please relay the news internally to your team.

Cheers,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: HACCS <haccs@darpa.mil>  
Sent: Wednesday, November 8, 2017 12:31 PM  
To: Antonakakis, Manos; Farrell, Michael D  
Cc: HACCS  
Subject: Notification HR001117S0051-HACCS-FP-029

Dear Proposer,

Please see the attached file regarding your proposal submission (HR001117S0051-HACCS-FP-029) that was submitted to the Harnessing Autonomy for Countering Cyberadversary Systems (HACCS) solicitation.

Regards,

DARPA/I2O

## Virgil, Franchesca

---

**From:** Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Monday, September 17, 2018 5:01 AM  
**To:** Antonakakis, Manos  
**Subject:** Fwd: [cw general] Change of Affiliation

One of yours?

Useful?

Begin forwarded message:

**From:** Paul Pearce <[pearce@cs.berkeley.edu](mailto:pearce@cs.berkeley.edu)>  
**Subject:** [cw general] Change of Affiliation  
**Date:** September 15, 2018 at 3:04:12 PM EDT  
**To:** "~~~~ CrimeWare ~~~~" <[cw-general@ops-trust.net](mailto:cw-general@ops-trust.net)>

Hello all,

I recently completed my PhD at UC Berkeley and have joined Georgia Tech as a professor of computer science.

I plan to keep doing the same type of research (abuse, cybercrime, APTs, censorship) and hope re-connect with you all at future events!

Aside: I am spending the next 10mo at Facebook as a visiting researcher with Site Integrity, but I am not representing them in any capacity, nor am I an appropriate contact for the company.

-Paul

--

[[ trident ]]: All message content remains the property of the author and must not be forwarded or redistributed without explicit permission.

## Virgil, Franchesca

---

**From:** Antonakakis, Manos  
**Sent:** Tuesday, January 7, 2020 8:17 AM  
**To:** Rodney Joffe  
**Subject:** Some advice

<https://twitter.com/CISAKrebs/status/1214398302663446530?s=20>

Rodney, I know you are friends with Chris, so as a friend I would suggest you make him aware of the following.

The MITRE ATT&CK framework is in essence a collection of attack signatures. It is embarrassing for the US for Chris to come out in public and say that Iran will be using attack methods that have not only been identified historically from US analysts, but they are available to be seen in the public domain.

That is, if the Iranians are tru

--

Manos Antonakakis | Associate Professor | [manos@gatech.edu](mailto:manos@gatech.edu)  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

## Virgil, Franchesca

---

**From:** NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Wednesday, June 14, 2017 9:44 AM  
**To:** Ge Dupin  
**Cc:** NANOG  
**Subject:** Re: Vendors spamming NANOG attendees

I guess that explains why so many newcomers are confused about what spam is.

> On Jun 14, 2017, at 5:33 AM, Ge Dupin <gdupin@taho.fr> wrote:

>

> It looks like there are more spams coming from these discussions than from the original Scams/Spams..

> Ge

>

>>> Le 14 juin 2017 à 14:26, Rodney Joffe <rjoffe@centergate.com> a écrit :

>>>

>>>

>>>

>>> On Jun 13, 2017, at 10:28 PM, Mel Beckman <mel@beckman.org> wrote:

>>>

>>> But as I said, harvesting emails is not illegal under can spam. And the requirement to not send you UCE to harvested emails is pointless, because how do you prove that someone did that?

>>>

>> Because he said so?

>>

>>>>> The spammer had the balls to say, in his email:

>>>>>

>>>>>

>>>>> We do not know each other. I'm leveraging the attendee list for NANOG to reach out and raise awareness of the value of OCS (Optical Circuit Switching) in the data center and in particular, the Carrier Neutral Hotel where we've been active with next generation MeetMeRoom discussions.

>>

>>

>



## Virgil, Franchesca

---

**From:** NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Tuesday, June 13, 2017 11:57 AM  
**To:** Mel Beckman  
**Cc:** NANOG  
**Subject:** Re: Vendors spamming NANOG attendees

> On Jun 13, 2017, at 8:31 AM, Mel Beckman <mel@beckman.org> wrote:

>  
> Rodney,  
>  
> You said "I see something every couple of months that I can track back to NANOG, or ARIN."

>  
> I would hardly call this a flood. But my point is that most people posting to NANOG, being technical people, respond to notifications that they are spamming. Your example email illustrates this perfectly. Sometimes they're ignorant and don't realize they're spamming. If they're persistent they get removed from the list (I don't think that has had to happen for several years).

>  
> The remaining spammers are easily caught by filters, as you can plainly see.

>  
> I don't see your need for urgency, and you still haven't said what you propose as a better arrangement. I made my suggestion. What's yours?

I'm one of 10,000. I assume others see as many as I do (I have no idea how many get caught in my filters).

I don't recall calling this a flood. Did I? And I don't believe he is on the list so there's no way to "remove" him. I think the list does a good job over time "training" subscribers.

But I did say that if others don't respond to spammers to this list from vendors, it will become a problem. The list is fertile ground. And I'm not sure that Sterns response indicates any awareness. He admitted he used the 1,300 person attendee list as a prospecting tool.

So all that I am suggesting is that others take the time to respond to spam from vendors (as I did) rather than ignoring it (just hitting delete doesn't work out in the long run). I have to assume that after a reasonable number of people do complain to his company, they'll learn. And others on the list who are tempted, change their minds. I don't think the list itself per se suffers from a spam problem - although my 3 emails probably qualify as too much noise already. But it is vendors who use the list to prospect who should be discouraged.

Btw I have no doubt that rogue salesmen from my companies over the years have tried it once. When I find out about it, I do kick butts.

I'm hoping that this discussion is enough to get Calient to rethink their strategy. For crying out loud, the guy is a VP in their company. What kind of example is that?

I'll end my public noise here :-)

Rodney

>  
> -mel  
>  
>> On Jun 13, 2017, at 8:19 AM, Rodney Joffe <rjoffe@centergate.com> wrote:  
>>  
>>  
>>> On Jun 13, 2017, at 9:02 AM, Mel Beckman <mel@beckman.org> wrote:  
>>>  
>>> Rodney,  
>>>  
>>> What do you suggest? Shoot them at Dawn? :-)  
>>>  
>>> The standard warning and education has always been adequate in the past. We don't have a runaway spamming problem on the list.  
>>  
>> What standard warning and education?  
>>  
>> We have filters to stop spam making it to the list.  
>>  
>> But there is definitely a spamming problem of sorts amongst vendors, to subscriber addresses.  
>>  
>> I see something every couple of months that I can track back to NANOG, or ARIN.  
>>  
>> What I \*know\* is that if you open the door, and ignore it with vendors on NANOG, the list members will end up having a problem. If you want to know why I consider myself an expert, feel free to ask me offline about what the attitude that those of us who ran "the backbone" in 1994 had - and how that worked out.  
>>  
>> On the other hand, as a senior citizen, at the end of my tech days, with enable grudgingly given up, I guess I could turn away and say "not my problem, really".  
>>  
>> YMMV.  
>>>  
>>> -mel beckman  
>>>  
>>>> On Jun 13, 2017, at 6:00 AM, Rodney Joffe <rjoffe@centergate.com> wrote:  
>>>>  
>>>> It seems that more than just a few of us were spammed by Glenn Stern (gstern@calient.net), an employee of Calient following NANOG 70.  
>>>>  
>>>> The spammer had the balls to say, in his email:  
>>>>  
>>>>>  
>>>>> We do not know each other. I'm leveraging the attendee list for NANOG to reach out and raise awareness of the value of OCS (Optical Circuit Switching) in the data center and in particular, the Carrier Neutral Hotel where we've been active with next generation MeetMeRoom discussions.  
>>>>>  
>>>>> He does not show as an attendee at NANOG, but another executive, David Altstaetter, daltstaetter@calient.net did register, and may have even shown up. Hopefully those of you who have traditional community attitudes will show your reaction via your pocketbooks.

>>>>  
>>>> Maybe its time for the NANOG board and staff to step in, and develop some teeth to use in cases like these? Unless the majority of you members are cool with unfettered spamming of member and attendee lists. In which case, have at it!  
>>>>  
>>>> Rodney  
>>

## Virgil, Franchesca

---

**From:** NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Tuesday, June 13, 2017 11:20 AM  
**To:** Mel Beckman  
**Cc:** NANOG  
**Subject:** Re: Vendors spamming NANOG attendees

> On Jun 13, 2017, at 9:02 AM, Mel Beckman <mel@beckman.org> wrote:

>

> Rodney,

>

> What do you suggest? Shoot them at Dawn? :-)

>

> The standard warning and education has always been adequate in the past. We don't have a runaway spamming problem on the list.

What standard warning and education?

We have filters to stop spam making it to the list.

But there is definitely a spamming problem of sorts amongst vendors, to subscriber addresses.

I see something every couple of months that I can track back to NANOG, or ARIN.

What I \*know\* is that if you open the door, and ignore it with vendors on NANOG, the list members will end up having a problem. If you want to know why I consider myself an expert, feel free to ask me offline about what the attitude that those of us who ran "the backbone" in 1994 had - and how that worked out.

On the other hand, as a senior citizen, at the end of my tech days, with enable grudgingly given up, I guess I could turn away and say "not my problem, really".

YMMV.

>

> -mel beckman

>

>> On Jun 13, 2017, at 6:00 AM, Rodney Joffe <rjoffe@centergate.com> wrote:

>>

>> It seems that more than just a few of us were spammed by Glenn Stern (gstern@calient.net), an employee of Calient following NANOG 70.

>>

>> The spammer had the balls to say, in his email:

>>

>>>

>>> We do not know each other. I'm leveraging the attendee list for NANOG to reach out and raise awareness of the value of OCS (Optical Circuit Switching) in the data center and in particular, the Carrier Neutral Hotel where we've been active with next generation MeetMeRoom discussions.

>>

>> He does not show as an attendee at NANOG, but another executive, David Altstaetter, daltstaetter@calient.net did register, and may have even shown up. Hopefully those of you who have traditional community attitudes will show your reaction via your pocketbooks.

>>

>> Maybe its time for the NANOG board and staff to step in, and develop some teeth to use in cases like these? Unless the majority of you members are cool with unfettered spamming of member and attendee lists. In which case, have at it!

>>

>> Rodney

>>

## Virgil, Franchesca

---

**From:** NANOG <nanog-bounces@nanog.org> on behalf of Mel Beckman <mel@beckman.org>  
**Sent:** Wednesday, June 14, 2017 9:21 AM  
**To:** Rodney Joffe  
**Cc:** NANOG  
**Subject:** Re: Vendors spamming NANOG attendees

Rodney,

You make a good point. But I wonder how often spammers are so obvious, and I wonder if his "leveraging" falls amiss of CAN-SPAM's specific prohibition:

(I) harvesting electronic mail addresses of the users of a website, proprietary service, or other online public forum operated by another person, without the authorization of such person; and

(II) randomly generating electronic mail addresses by computer;

Technically, this spammer harvested the names of attendees at a physical conference, not of some online resource, which is what CAN-SPAM prohibits. I know it's splitting hairs, but that's what spammers do.

My point is that CAN-SPAM is virtually useless. There have been a handful of prosecutions in more than a decade, and spammers are not seeming to be deterred.

I know there are honeypots that try to catch electronic harvesters, but I don't think they could provide proof of someone who got his emails from a list of attendees at an event, a shared customer list, etc.

-mel

On Jun 14, 2017, at 5:26 AM, Rodney Joffe <rjoffe@centergate.com<mailto:rjoffe@centergate.com>> wrote:

On Jun 13, 2017, at 10:28 PM, Mel Beckman <mel@beckman.org<mailto:mel@beckman.org>> wrote:

But as I said, harvesting emails is not illegal under can spam. And the requirement to not send you UCE to harvested emails is pointless, because how do you prove that someone did that?

Because he said so?

The spammer had the balls to say, in his email:

We do not know each other. I'm leveraging the attendee list for NANOG to reach out and raise awareness of the value of OCS (Optical Circuit Switching) in the data center and in particular, the Carrier Neutral Hotel where we've been active with next generation MeetMeRoom discussions.

## Virgil, Franchesca

---

**From:** NANOG <nanog-bounces@nanog.org> on behalf of Randy Bush <randy@psg.com>  
**Sent:** Tuesday, June 13, 2017 11:44 PM  
**To:** Rodney Joffe  
**Cc:** NANOG  
**Subject:** Re: Vendors spamming NANOG attendees

> It seems that more than just a few of us were spammed by Glenn Stern  
> (gstern@calient.net), an employee of Calient following NANOG 70.  
> ...  
> Hopefully those of you who have traditional community attitudes will  
> show your reaction via your pocketbooks.

traditional community attitudes left the building long ago. nanog has become a trade show, for which this is normal behavior. i expect mail "stop by our booth at nanog 42," and so forth.

randy

## Virgil, Franchesca

---

**From:** NANOG <nanog-bounces@nanog.org> on behalf of Mel Beckman <mel@beckman.org>  
**Sent:** Tuesday, June 13, 2017 12:38 PM  
**To:** Rodney Joffe  
**Cc:** NANOG  
**Subject:** Re: Vendors spamming NANOG attendees

Rodney,

My misunderstanding. Despite the subject line noting NANOG attendees, I interpreted your statement "It seems that more than just a few of us were spammed..." to be referring to the NANOG mailing list ("us"). I figured the spammer was signing up to the list first.

As for the attendee list, short of making it secret I'm (which would be counterproductive), I think we just have to live with it (I did not attend this year, and thus didn't get spammed).

-mel

On Jun 13, 2017, at 8:57 AM, Rodney Joffe <rjoffe@centergate.com<mailto:rjoffe@centergate.com>> wrote:

On Jun 13, 2017, at 8:31 AM, Mel Beckman <mel@beckman.org<mailto:mel@beckman.org>> wrote:

Rodney,

You said "I see something every couple of months that I can track back to NANOG, or ARIN."

I would hardly call this a flood. But my point is that most people posting to NANOG, being technical people, respond to notifications that they are spamming. Your example email illustrates this perfectly. Sometimes they're ignorant and don't realize they're spamming. If they're persistent they get removed from the list (I don't think that has had to happen for several years).

The remaining spammers are easily caught by filters, as you can plainly see.

I don't see your need for urgency, and you still haven't said what you propose as a better arrangement. I made my suggestion. What's yours?

I'm one of 10,000. I assume others see as many as I do (I have no idea how many get caught in my filters).

I don't recall calling this a flood. Did I? And I don't believe he is on the list so there's no way to "remove" him. I think the list does a good job over time "training" subscribers.

But I did say that if others don't respond to spammers to this list from vendors, it will become a problem. The list is fertile ground. And I'm not sure that Sterns response indicates any awareness. He admitted he used the 1,300 person attendee list as a prospecting tool.

So all that I am suggesting is that others take the time to respond to spam from vendors (as I did) rather than ignoring it (just hitting delete doesn't work out in the long run). I have to assume that after a reasonable number of people do



complain to his company, they'll learn. And others on the list who are tempted, change their minds. I don't think the list itself per se suffers from a spam problem - although my 3 emails probably qualify as too much noise already. But it is vendors who use the list to prospect who should be discouraged.

Btw I have no doubt that rogue salesmen from my companies over the years have tried it once. When I find out about it, I do kick butts.

I'm hoping that this discussion is enough to get Calient to rethink their strategy. For crying out loud, the guy is a VP in their company. What kind of example is that?

I'll end my public noise here :-)

Rodney

-mel

On Jun 13, 2017, at 8:19 AM, Rodney Joffe <rjoffe@centergate.com<mailto:rjoffe@centergate.com>> wrote:

On Jun 13, 2017, at 9:02 AM, Mel Beckman <mel@beckman.org<mailto:mel@beckman.org>> wrote:

Rodney,

What do you suggest? Shoot them at Dawn? :-)

The standard warning and education has always been adequate in the past. We don't have a runaway spamming problem on the list.

What standard warning and education?

We have filters to stop spam making it to the list.

But there is definitely a spamming problem of sorts amongst vendors, to subscriber addresses.

I see something every couple of months that I can track back to NANOG, or ARIN.

What I *know* is that if you open the door, and ignore it with vendors on NANOG, the list members will end up having a problem. If you want to know why I consider myself an expert, feel free to ask me offline about what the attitude that those of us who ran "the backbone" in 1994 had - and how that worked out.

On the other hand, as a senior citizen, at the end of my tech days, with enable grudgingly given up, I guess I could turn away and say "not my problem, really".

YMMV.

-mel beckman

On Jun 13, 2017, at 6:00 AM, Rodney Joffe <rjoffe@centergate.com<mailto:rjoffe@centergate.com>> wrote:

It seems that more than just a few of us were spammed by Glenn Stern (gstern@calient.net<mailto:gstern@calient.net>), an employee of Calient following NANOG 70.

The spammer had the balls to say, in his email:

We do not know each other. I'm leveraging the attendee list for NANOG to reach out and raise awareness of the value of OCS (Optical Circuit Switching) in the data center and in particular, the Carrier Neutral Hotel where we've been active with next generation MeetMeRoom discussions.

He does not show as an attendee at NANOG, but another executive, David Altstaetter, daltstaetter@calient.net<mailto:daltstaetter@calient.net> did register, and may have even shown up. Hopefully those of you who have traditional community attitudes will show your reaction via your pocketbooks.

Maybe its time for the NANOG board and staff to step in, and develop some teeth to use in cases like these? Unless the majority of you members are cool with unfettered spamming of member and attendee lists. In which case, have at it!

Rodney

## Virgil, Franchesca

---

**From:** NANOG <nanog-bounces@nanog.org> on behalf of Mel Beckman <mel@beckman.org>  
**Sent:** Tuesday, June 13, 2017 11:32 AM  
**To:** Rodney Joffe  
**Cc:** NANOG  
**Subject:** Re: Vendors spamming NANOG attendees

Rodney,

You said "I see something every couple of months that I can track back to NANOG, or ARIN."

I would hardly call this a flood. But my point is that most people posting to NANOG, being technical people, respond to notifications that they are spamming. Your example email illustrates this perfectly. Sometimes they're ignorant and don't realize they're spamming. If they're persistent they get removed from the list (I don't think that has had to happen for several years).

The remaining spammers are easily caught by filters, as you can plainly see.

I don't see your need for urgency, and you still haven't said what you propose as a better arrangement. I made my suggestion. What's yours?

-mel

> On Jun 13, 2017, at 8:19 AM, Rodney Joffe <rjoffe@centergate.com> wrote:

>

>

>> On Jun 13, 2017, at 9:02 AM, Mel Beckman <mel@beckman.org> wrote:

>>

>> Rodney,

>>

>> What do you suggest? Shoot them at Dawn? :-)

>>

>> The standard warning and education has always been adequate in the past. We don't have a runaway spamming problem on the list.

>

> What standard warning and education?

>

> We have filters to stop spam making it to the list.

>

> But there is definitely a spamming problem of sorts amongst vendors, to subscriber addresses.

>

> I see something every couple of months that I can track back to NANOG, or ARIN.

>

> What I \*know\* is that if you open the door, and ignore it with vendors on NANOG, the list members will end up having a problem. If you want to know why I consider myself an expert, feel free to ask me offline about what the attitude that those of us who ran "the backbone" in 1994 had - and how that worked out.

>

> On the other hand, as a senior citizen, at the end of my tech days, with enable grudgingly given up, I guess I could turn away and say "not my problem, really".

>  
> YMMV.  
>>  
>> -mel beckman  
>>  
>>> On Jun 13, 2017, at 6:00 AM, Rodney Joffe <rjoffe@centergate.com> wrote:  
>>>  
>>> It seems that more than just a few of us were spammed by Glenn Stern (gstern@calient.net), an employee of Calient following NANOG 70.  
>>>  
>>> The spammer had the balls to say, in his email:  
>>>  
>>>> We do not know each other. I'm leveraging the attendee list for NANOG to reach out and raise awareness of the value of OCS (Optical Circuit Switching) in the data center and in particular, the Carrier Neutral Hotel where we've been active with next generation MeetMeRoom discussions.  
>>>  
>>> He does not show as an attendee at NANOG, but another executive, David Altstaetter, daltstaetter@calient.net did register, and may have even shown up. Hopefully those of you who have traditional community attitudes will show your reaction via your pocketbooks.  
>>>  
>>> Maybe its time for the NANOG board and staff to step in, and develop some teeth to use in cases like these? Unless the majority of you members are cool with unfettered spamming of member and attendee lists. In which case, have at it!  
>>>  
>>> Rodney  
>

## Virgil, Franchesca

---

**From:** Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Thursday, September 6, 2018 11:00 PM  
**To:** Antonakakis, Manos  
**Subject:** Re: Touch base

Manos my friend, that doesn't relate to what he asked you. And he knows the proposal update from John.

Just say "you're right, Rodkneeee". 😊

> On Sep 6, 2018, at 10:57 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> You assume too much. That is not true. I was planning to tell him about the proposal.

>  
> —  
> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Rodney Joffe <rjoffe@centergate.com>

> Sent: Thursday, September 6, 2018 10:56:14 PM  
> To: Antonakakis, Manos  
> Subject: Re: Touch base

>  
> Then why did you invite him to call for unofficial news? That implies  
> you have something different to Angelos. You will regret it because  
> now he will start in on you again... and keep pushing. And you invited  
> it 😞

>  
>> On Sep 6, 2018, at 10:52 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>  
>> I was not planing to, because that is the only hard facts I have.

>>  
>> —  
>> Manos Antonakakis | manos@gatech.edu  
>> Georgia Institute of Technology  
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>  
>> \_\_\_\_\_  
>> From: Rodney Joffe <rjoffe@centergate.com>

>> Sent: Thursday, September 6, 2018 10:50:48 PM  
>> To: Antonakakis, Manos  
>> Subject: Re: Touch base

>>  
>> DONT TELL HIM ANYTHING DIFFERENT TO ANGELOS After Oct 1 new fiscal year.  
>>

>>> On Sep 6, 2018, at 10:35 PM, Antonakakis, Manos <manos@gatech.edu> wrote:  
>>>  
>>> Venkat, nothing official at the moment. We are in waiting mode. If you want some unofficial news, you can give me a quick call.  
>>>  
>>> Thanks,  
>>>  
>>> —  
>>> Manos Antonakakis | manos@gatech.edu Georgia Institute of Technology  
>>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>>>  
>>>  
>>> \_\_\_\_\_  
>>> From: Achanta, Venkat <Venkat.Achanta@team.neustar>  
>>> Sent: Thursday, September 6, 2018 10:30:34 PM  
>>> To: Antonakakis, Manos  
>>> Cc: Joffe, Rodney  
>>> Subject: Touch base  
>>>  
>>> Manos,  
>>>  
>>> Do you have any other information from DARPA program managers chasing possible path for this fiscal funding ?  
>>>  
>>> Thank you.  
>>>  
>>> Venkat.  
>>  
>

## Virgil, Franchesca

---

**From:** Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Thursday, September 6, 2018 10:51 PM  
**To:** Antonakakis, Manos  
**Subject:** Re: Touch base

DONT TELL HIM ANYTHING DIFFERENT TO ANGELOS After Oct 1 new fiscal year.

> On Sep 6, 2018, at 10:35 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> Venkat, nothing official at the moment. We are in waiting mode. If you want some unofficial news, you can give me a quick call.

>  
> Thanks,

>  
> —  
> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Achanta, Venkat <Venkat.Achanta@team.neustar>

> Sent: Thursday, September 6, 2018 10:30:34 PM  
> To: Antonakakis, Manos  
> Cc: Joffe, Rodney  
> Subject: Touch base

>  
> Manos,

>  
> Do you have any other information from DARPA program managers chasing possible path for this fiscal funding ?

>  
> Thank you.

>  
> Venkat.

## Virgil, Franchesca

---

**From:** Antonakakis, Manos  
**Sent:** Thursday, September 6, 2018 10:53 PM  
**To:** Rodney Joffe  
**Subject:** Re: Touch base

I was not planing to, because that is the only hard facts I have.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Rodney Joffe <rjoffe@centergate.com>  
Sent: Thursday, September 6, 2018 10:50:48 PM  
To: Antonakakis, Manos  
Subject: Re: Touch base

DONT TELL HIM ANYTHING DIFFERENT TO ANGELOS After Oct 1 new fiscal year.

> On Sep 6, 2018, at 10:35 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> Venkat, nothing official at the moment. We are in waiting mode. If you want some unofficial news, you can give me a quick call.

>  
> Thanks,

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Achanta, Venkat <Venkat.Achanta@team.neustar>  
> Sent: Thursday, September 6, 2018 10:30:34 PM  
> To: Antonakakis, Manos  
> Cc: Joffe, Rodney  
> Subject: Touch base

>  
> Manos,  
>  
> Do you have any other information from DARPA program managers chasing possible path for this fiscal funding ?

>  
> Thank you.

>  
> Venkat.





## Virgil, Franchesca

---

**From:** Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Monday, June 13, 2016 12:50 PM  
**To:** [REDACTED]  
**Cc:** Manos Antonakakis  
**Subject:** Re: The "Paper"

Hi [REDACTED],

No problem. I wanted to try and create something that you could easily reject.

Should I wait for your final version from your other students before editing so we don't duplicate effort? I am sure I could use latex, with a little direction.

> On Jun 13, 2016, at 12:47 PM, [REDACTED] wrote:

>  
> Hello Rodney,  
>  
> We do not have any word files because we work with latex.  
> The latex files are editable so we could share the repository or just send you the directory of the paper.  
> I just got feedback from two other students about grammatical errors and I am addressing them.  
> I do not think that a word document would support the templates and the graph format that we are using even if it is possible to be generated.

>

> [REDACTED]

>

>

>

>> On 13 Jun 2016, at 02:17, Manos Antonakakis <[REDACTED]> wrote:

>>

>> Hey Rodney,

>>

>> I think most of the grammar and spelling are being fixed from the guys in the lab. However, we would love your feedback too. [REDACTED] is handling the camera ready version of the paper. [REDACTED], how we can share a doc file with Rodney?

>>

>> One note, Rodney. The paper is accepted, so we cannot do major rewrites. We can only improve grammar and spelling, nothing more. So, I am not sure if we can do "partial contextual rewrites".

>>

>> Thanks,

>>

>> Manos

>>

>> On Sun, Jun 12, 2016 at 10:27 PM, Rodney Joffe <rjoffe@centergate.com> wrote:

>> Ver interesting. Surprising technically.

>>

>> I have a lot of edits - mainly grammatical, and language. But as I get halfway through I can see that it might be improved by some partial contextual rewrites. Some things are repeated and I think can be improved by reordering and shortening the repetition.

>>  
>> Can't edit a PDF. Do you have something in a format I can edit in Word, with tracking! Or another suggestion?  
>>  
>> Thanks  
>> Rodney  
>>  
>>  
>>  
>>  
>>  
>

## Virgil, Franchesca

---

**From:** [REDACTED]  
**Sent:** Thursday, June 23, 2016 2:42 PM  
**To:** Rodney Joffe  
**Cc:** Manos Antonakakis  
**Subject:** Re: The "Paper"  
**Attachments:** raid2016.zip; ATT00001.txt

You can run a diff over the files, they are just text files but with the .tex extension.  
I have embedded the compressed directory with all the tex files.  
Each .tex file represents a different chapter in the paper.  
The directory also includes a compiled pdf version.

Thank you,

[REDACTED]

## Virgil, Franchesca

---

**From:** Rodney Joffe <rodney.joffe@neustar.biz>  
**Sent:** Tuesday, September 20, 2016 5:27 PM  
**To:** Noland, Yvonne  
**Cc:** Cameron, Yolonda L; Antonakakis, Emmanouil K  
**Subject:** Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Many thanks, Yvonne.

> On Sep 20, 2016, at 3:48 PM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

>

> Hi Rodney,

>

> Attached please find the fully executed NDA.

>

> Thank you,

>

> Yvonne Noland

> Legal Services Coordinator

> Georgia Institute of Technology

> Office of Legal Affairs

> Atlanta, GA 30332-0495

> Email: Yvonne.Noland@legal.gatech.edu

> Phone: 404-894-4812

> Fax: 404-894-3120

>

>

> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

>

>

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Thursday, September 08, 2016 12:29 PM

> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>

> Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Almost there :-)

>

>

> Begin forwarded message:

>

> From: Contracts <Contracts@neustar.biz>

> Date: September 8, 2016 at 12:26:19 PM EDT

> To: "Joffe, Rodney" <Rodney.Joffe@neustar.biz>, Contracts <Contracts@neustar.biz>

> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Attached is the partially executed NDA for The Board of Regents of University System of Georgia, by and behalf of Georgia Institute of Tehnology. Once it has been countersigned, please forward a fully executed copy to Contracts for our files.

>

> Thanks,

> Samantha

> -----Original Message-----

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Wednesday, September 07, 2016 9:01 PM

> To: Contracts <Contracts@neustar.biz>

> Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Over to you to execute.

>

> Thanks

> Rodney

>

>

>

> Begin forwarded message:

>

> From: "Noland, Yvonne" <yvonne.noland@legal.gatech.edu>

> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

> Date: September 7, 2016 at 10:41:46 AM EDT

> To: Rodney Joffe <rodney.joffe@neustar.biz>

> Cc: "Antonakakis, Emmanouil K" <manos@gatech.edu>, "Cameron, Yolonda L" <yolonda.cameron@legal.gatech.edu>

> Resent-From: <rodney.joffe@neustar.biz>

>

> Hi Rodney,

>

> Attached is a final document for signature, reflecting the change from 14 to 20 days in Section 3. Please return a signed copy to me at your earliest convenience. I will route for countersignature and return a fully executed copy to you.

>

> Thank you,

> Yvonne

>

> -----Original Message-----

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Wednesday, September 07, 2016 10:17 AM

> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>

> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>

> Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Hi Yvonne,

>

> OK on these points. Do you have a final for us to sign?

>

> On Sep 6, 2016, at 2:28 PM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

>

> Hi Rodney,

>

> I've updated the effective date of the document and accepted all mutually agreed upon edits in the attached document.

>

> The GIT signatory will not agree to the requested revisions in Section 3. All information disclosed to GIT must be marked in accordance with the original language in Section 3, but we can agree to extend the 14-day period for non-written disclosures to 20 days.

>

> Sincerely,

>

> Yvonne Noland

> Legal Services Coordinator

> Georgia Institute of Technology

> Office of Legal Affairs

> Atlanta, GA 30332-0495

> Email: Yvonne.Noland@legal.gatech.edu

> Phone: 404-894-4812

> Fax: 404-894-3120

>

>

> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

>

>

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Tuesday, September 06, 2016 11:20 AM

> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>

> Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Hi Yvonne,

>

> This is the correct email.

>

> Apparently all edits are OK except for the comments below. Could you please confirm?

>

> Thanks

> Rodney

> =====

> Rodney Joffe

> SVP, Senior Technologist, and Fellow

> Neustar, Inc. (NYSE:NSR)

> 1775 Pennsylvania Ave. NW

> Suite 400

> Washington DC 20006

> +1 202-533-2900 Direct

> +1 602-418-6471 Cell

>

>

>

>

>

> From: Contracts

> Sent: Tuesday, September 06, 2016 11:06 AM  
> To: Joffe, Rodney <Rodney.Joffe@neustar.biz>; Contracts <Contracts@neustar.biz>  
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)  
>  
> Hi Rodney,  
>  
> All the counter-edits are acceptable with the exception of the Confidential Information marking.  
>  
> Through discussions or written information disclosed, it would be somewhat difficult to have to “mark” all proprietary/confidential information as “Confidential”. In the event that there are times that such information is not marked or otherwise indicated verbally during ongoing communication, we want to ensure that, although not marked as “Confidential”, that it is protected under the NA,  
>  
> Samantha Ellis  
> NeuStar, Inc. | Contracts Manager  
> 571.434.3421  
>  
> From: Noland, Yvonne [mailto:yvonne.noland@legal.gatech.edu]  
> Sent: Tuesday, September 06, 2016 10:14 AM  
> To: Joffe, Rodney <Rodney.Joffe@neustar.biz>; Contracts <Contracts@neustar.biz>  
> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>  
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)  
>  
> Good morning – please advise regarding the status of this matter at your earliest convenience. Thank you.  
>  
>  
> From: Noland, Yvonne  
> Sent: Thursday, August 04, 2016 12:38 PM  
> To: 'Rodney Joffe' <rodney.joffe@neustar.biz>; 'Contracts@neustar.biz' <Contracts@neustar.biz>  
> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>  
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)  
>  
> Hi Rodney,  
>  
> Attached please find our additional comments and revisions for review by your legal department.  
>  
> Regards,  
>  
> Yvonne Noland  
> Legal Services Coordinator  
> Georgia Institute of Technology  
> Office of Legal Affairs  
> Atlanta, GA 30332-0495  
> Email: Yvonne.Noland@legal.gatech.edu  
> Phone: 404-894-4812  
> Fax: 404-894-3120  
>  
>  
> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.  
>



>  
>  
>  
> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]  
> Sent: Wednesday, August 03, 2016 12:52 PM  
> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>  
> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>  
> Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>  
> Hello Yvonne,

>  
>  
> Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.

>  
>  
> Regards  
> Rodney

>  
>  
>  
>  
>  
>  
>  
>  
>  
> On Aug 3, 2016, at 7:30 AM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

>  
> Good morning,  
>  
> Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

>  
> As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

>  
> Sincerely,  
>  
> Yvonne Noland  
> Legal Services Coordinator  
> Georgia Institute of Technology  
> Office of Legal Affairs  
> Atlanta, GA 30332-0495  
> Email: Yvonne.Noland@legal.gatech.edu  
> Phone: 404-894-4812  
> Fax: 404-894-3120

>  
>

> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

>

>

> <Neustar Inc. (NDA-4406).docx>

> <Neustar Inc. - GT review 9-6-16 (NDA-4406).docx>

>

> <Neustar, Inc. (NDA-4406).pdf>

## Virgil, Franchesca

---

**From:** Rodney Joffe <rodney.joffe@neustar.biz>  
**Sent:** Wednesday, September 7, 2016 10:17 AM  
**To:** Noland, Yvonne  
**Cc:** Antonakakis, Emmanouil K; Cameron, Yolonda L  
**Subject:** Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Yvonne,

OK on these points. Do you have a final for us to sign?

> On Sep 6, 2016, at 2:28 PM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

>

> Hi Rodney,

>

> I've updated the effective date of the document and accepted all mutually agreed upon edits in the attached document.

>

> The GIT signatory will not agree to the requested revisions in Section 3. All information disclosed to GIT must be marked in accordance with the original language in Section 3, but we can agree to extend the 14-day period for non-written disclosures to 20 days.

>

> Sincerely,

>

> Yvonne Noland

> Legal Services Coordinator

> Georgia Institute of Technology

> Office of Legal Affairs

> Atlanta, GA 30332-0495

> Email: Yvonne.Noland@legal.gatech.edu

> Phone: 404-894-4812

> Fax: 404-894-3120

>

>

> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

>

>

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Tuesday, September 06, 2016 11:20 AM

> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>

> Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Hi Yvonne,

>

> This is the correct email.

>

> Apparently all edits are OK except for the comments below. Could you please confirm?

>  
> Thanks  
> Rodney  
> =====  
> Rodney Joffe  
> SVP, Senior Technologist, and Fellow  
> Neustar, Inc. (NYSE:NSR)  
> 1775 Pennsylvania Ave. NW  
> Suite 400  
> Washington DC 20006  
> +1 202-533-2900 Direct  
> +1 602-418-6471 Cell  
>  
>  
>  
>  
>  
> From: Contracts  
> Sent: Tuesday, September 06, 2016 11:06 AM  
> To: Joffe, Rodney <Rodney.Joffe@neustar.biz>; Contracts <Contracts@neustar.biz>  
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)  
>  
> Hi Rodney,  
>  
> All the counter-edits are acceptable with the exception of the Confidential Information marking.  
>  
> Through discussions or written information disclosed, it would be somewhat difficult to have to “mark” all proprietary/confidential information as “Confidential”. In the event that there are times that such information is not marked or otherwise indicated verbally during ongoing communication, we want to ensure that, although not marked as “Confidential”, that it is protected under the NA,  
>  
> Samantha Ellis  
> NeuStar, Inc. | Contracts Manager  
> 571.434.3421  
>  
> From: Noland, Yvonne [mailto:yvonne.noland@legal.gatech.edu]  
> Sent: Tuesday, September 06, 2016 10:14 AM  
> To: Joffe, Rodney <Rodney.Joffe@neustar.biz>; Contracts <Contracts@neustar.biz>  
> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>  
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)  
>  
> Good morning – please advise regarding the status of this matter at your earliest convenience. Thank you.  
>  
>  
> From: Noland, Yvonne  
> Sent: Thursday, August 04, 2016 12:38 PM  
> To: 'Rodney Joffe' <rodney.joffe@neustar.biz>; 'Contracts@neustar.biz' <Contracts@neustar.biz>  
> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>  
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)  
>  
> Hi Rodney,  
>

> Attached please find our additional comments and revisions for review by your legal department.

>

> Regards,

>

> Yvonne Noland

> Legal Services Coordinator

> Georgia Institute of Technology

> Office of Legal Affairs

> Atlanta, GA 30332-0495

> Email: Yvonne.Noland@legal.gatech.edu

> Phone: 404-894-4812

> Fax: 404-894-3120

>

>

> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

>

>

>

>

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Wednesday, August 03, 2016 12:52 PM

> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>

> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>

> Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Hello Yvonne,

>

>

> Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.

>

>

> Regards

> Rodney

>

>

>

>

>

>

>

> On Aug 3, 2016, at 7:30 AM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

>

> Good morning,

>

> Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

>

> As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

>

> Sincerely,

>

> Yvonne Noland

> Legal Services Coordinator

> Georgia Institute of Technology

> Office of Legal Affairs

> Atlanta, GA 30332-0495

> Email: Yvonne.Noland@legal.gatech.edu

> Phone: 404-894-4812

> Fax: 404-894-3120

>

>

> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

>

>

> <Neustar Inc. (NDA-4406).docx>

> <Neustar Inc. - GT review 9-6-16 (NDA-4406).docx>

## Virgil, Franchesca

---

**From:** Rodney Joffe <rodney.joffe@neustar.biz>  
**Sent:** Tuesday, September 6, 2016 10:25 AM  
**To:** Noland, Yvonne  
**Cc:** Contracts; Antonakakis, Emmanouil K; Cameron, Yolonda L  
**Subject:** Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Yvonne,

I am banging on our legal front door now. Sorry for the lack of response. :-{

> On Sep 6, 2016, at 10:14 AM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

>

> Good morning – please advise regarding the status of this matter at your earliest convenience. Thank you.

>

>

> From: Noland, Yvonne

> Sent: Thursday, August 04, 2016 12:38 PM

> To: 'Rodney Joffe' <rodney.joffe@neustar.biz>; 'Contracts@neustar.biz' <Contracts@neustar.biz>

> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>

> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>

> Hi Rodney,

>

> Attached please find our additional comments and revisions for review by your legal department.

>

> Regards,

>

> Yvonne Noland

> Legal Services Coordinator

> Georgia Institute of Technology

> Office of Legal Affairs

> Atlanta, GA 30332-0495

> Email: Yvonne.Noland@legal.gatech.edu

> Phone: 404-894-4812

> Fax: 404-894-3120

>

>

> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

>

>

>

>

> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]

> Sent: Wednesday, August 03, 2016 12:52 PM

> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>

> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>  
> Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)  
>  
> Hello Yvonne,  
>  
>  
> Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.  
>  
>  
> Regards  
> Rodney  
>  
>  
>  
>  
>  
>  
>  
>  
> On Aug 3, 2016, at 7:30 AM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:  
>  
> Good morning,  
>  
> Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.  
>  
> As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.  
>  
> Sincerely,  
>  
>  
> Yvonne Noland  
> Legal Services Coordinator  
> Georgia Institute of Technology  
> Office of Legal Affairs  
> Atlanta, GA 30332-0495  
> Email: Yvonne.Noland@legal.gatech.edu  
> Phone: 404-894-4812  
> Fax: 404-894-3120  
>  
>  
> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.  
>  
>  
> <Neustar Inc. (NDA-4406).docx>  
> <Neustar Inc. - GT review 8-4-16 (NDA-4406).docx>





## Virgil, Franchesca

---

**From:** Rodney Joffe <rodney.joffe@neustar.biz>  
**Sent:** Wednesday, August 3, 2016 12:52 PM  
**To:** Noland, Yvonne  
**Cc:** Antonakakis, Emmanouil K; Cameron, Yolonda L  
**Subject:** Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hello Yvonne,

Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.

Regards  
Rodney



On Aug 3, 2016, at 7:30 AM, Noland, Yvonne <[yvonne.noland@legal.gatech.edu](mailto:yvonne.noland@legal.gatech.edu)> wrote:

Good morning,

Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

Sincerely,

**Yvonne Noland**

Legal Services Coordinator  
Georgia Institute of Technology  
Office of Legal Affairs  
Atlanta, GA 30332-0495  
Email: [Yvonne.Noland@legal.gatech.edu](mailto:Yvonne.Noland@legal.gatech.edu)  
Phone: 404-894-4812  
Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

<Neustar Inc. (NDA-4406).docx>

## Virgil, Franchesca

---

**From:** Noland, Yvonne  
**Sent:** Wednesday, September 7, 2016 10:42 AM  
**To:** Rodney Joffe  
**Cc:** Antonakakis, Emmanouil K; Cameron, Yolonda L  
**Subject:** RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)  
**Attachments:** Neustar Inc. - final for signature (NDA-4406).pdf

Hi Rodney,

Attached is a final document for signature, reflecting the change from 14 to 20 days in Section 3. Please return a signed copy to me at your earliest convenience. I will route for countersignature and return a fully executed copy to you.

Thank you,  
Yvonne

-----Original Message-----

From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]  
Sent: Wednesday, September 07, 2016 10:17 AM  
To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>  
Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>  
Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Yvonne,

OK on these points. Do you have a final for us to sign?

> On Sep 6, 2016, at 2:28 PM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

>

> Hi Rodney,

>

> I've updated the effective date of the document and accepted all mutually agreed upon edits in the attached document.

>

> The GIT signatory will not agree to the requested revisions in Section 3. All information disclosed to GIT must be marked in accordance with the original language in Section 3, but we can agree to extend the 14-day period for non-written disclosures to 20 days.

>

> Sincerely,

>

> Yvonne Noland

> Legal Services Coordinator

> Georgia Institute of Technology

> Office of Legal Affairs

> Atlanta, GA 30332-0495

> Email: Yvonne.Noland@legal.gatech.edu

> Phone: 404-894-4812

> Fax: 404-894-3120

>

>  
> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.  
>  
>  
> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]  
> Sent: Tuesday, September 06, 2016 11:20 AM  
> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>  
> Subject: Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)  
>  
> Hi Yvonne,  
>  
> This is the correct email.  
>  
> Apparently all edits are OK except for the comments below. Could you please confirm?  
>  
> Thanks  
> Rodney  
> =====  
> Rodney Joffe  
> SVP, Senior Technologist, and Fellow  
> Neustar, Inc. (NYSE:NSR)  
> 1775 Pennsylvania Ave. NW  
> Suite 400  
> Washington DC 20006  
> +1 202-533-2900 Direct  
> +1 602-418-6471 Cell  
>  
>  
>  
>  
>  
> From: Contracts  
> Sent: Tuesday, September 06, 2016 11:06 AM  
> To: Joffe, Rodney <Rodney.Joffe@neustar.biz>; Contracts <Contracts@neustar.biz>  
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)  
>  
> Hi Rodney,  
>  
> All the counter-edits are acceptable with the exception of the Confidential Information marking.  
>  
> Through discussions or written information disclosed, it would be somewhat difficult to have to "mark" all proprietary/confidential information as "Confidential". In the event that there are times that such information is not marked or otherwise indicated verbally during ongoing communication, we want to ensure that, although not marked as "Confidential", that it is protected under the NA,  
>  
> Samantha Ellis  
> NeuStar, Inc. | Contracts Manager  
> 571.434.3421  
>  
> From: Noland, Yvonne [mailto:yvonne.noland@legal.gatech.edu]

> Sent: Tuesday, September 06, 2016 10:14 AM  
> To: Joffe, Rodney <Rodney.Joffe@neustar.biz>; Contracts <Contracts@neustar.biz>  
> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>  
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>  
> Good morning – please advise regarding the status of this matter at your earliest convenience. Thank you.

>  
>  
> From: Noland, Yvonne  
> Sent: Thursday, August 04, 2016 12:38 PM  
> To: 'Rodney Joffe' <rodney.joffe@neustar.biz>; 'Contracts@neustar.biz' <Contracts@neustar.biz>  
> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>  
> Subject: RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>  
> Hi Rodney,  
>  
> Attached please find our additional comments and revisions for review by your legal department.

>  
> Regards,  
>  
> Yvonne Noland  
> Legal Services Coordinator  
> Georgia Institute of Technology  
> Office of Legal Affairs  
> Atlanta, GA 30332-0495  
> Email: Yvonne.Noland@legal.gatech.edu  
> Phone: 404-894-4812  
> Fax: 404-894-3120

>  
>  
> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

>  
>  
>  
>  
> From: Rodney Joffe [mailto:rodney.joffe@neustar.biz]  
> Sent: Wednesday, August 03, 2016 12:52 PM  
> To: Noland, Yvonne <yvonne.noland@legal.gatech.edu>  
> Cc: Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>  
> Subject: Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

>  
> Hello Yvonne,  
>  
>  
> Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.

>  
>  
> Regards  
> Rodney  
>

>  
>  
>  
>  
>  
>  
>  
> On Aug 3, 2016, at 7:30 AM, Noland, Yvonne <yvonne.noland@legal.gatech.edu> wrote:

>  
> Good morning,  
>

> Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

>  
> As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

>  
> Sincerely,

>  
> Yvonne Noland  
> Legal Services Coordinator  
> Georgia Institute of Technology  
> Office of Legal Affairs  
> Atlanta, GA 30332-0495  
> Email: Yvonne.Noland@legal.gatech.edu  
> Phone: 404-894-4812  
> Fax: 404-894-3120

>  
>  
> Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

>  
>  
> <Neustar Inc. (NDA-4406).docx>  
> <Neustar Inc. - GT review 9-6-16 (NDA-4406).docx>

## Virgil, Franchesca

---

**From:** Noland, Yvonne  
**Sent:** Wednesday, August 3, 2016 1:16 PM  
**To:** Rodney Joffe  
**Subject:** RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Worked that time – thank you very much

---

**From:** Rodney Joffe [mailto:rodney.joffe@neustar.biz]  
**Sent:** Wednesday, August 03, 2016 1:13 PM  
**To:** Noland, Yvonne <yvonne.noland@legal.gatech.edu>  
**Subject:** Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Yvonne,  
Does this work?

The email below also includes our legal group contract info.

Thanks  
Rodney

Begin forwarded message:

**From:** Contracts <[Contracts@neustar.biz](mailto:Contracts@neustar.biz)>  
**Date:** August 3, 2016 at 9:38:02 AM PDT  
**To:** "Joffe, Rodney" <[Rodney.Joffe@neustar.biz](mailto:Rodney.Joffe@neustar.biz)>  
**Cc:** "Konde, Alex" <[alex.konde@neustar.biz](mailto:alex.konde@neustar.biz)>, Contracts <[Contracts@neustar.biz](mailto:Contracts@neustar.biz)>  
**Subject:** RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Rodney,

Legal has reviewed the attached and have made a few edits. Please let me know if you have any questions or concerns.

Regards,  
Samantha

**Samantha Ellis**  
NeuStar, Inc. | Contracts Manager  
571.434.3421

---

**Resent-From:** <[rodney.joffe@neustar.biz](mailto:rodney.joffe@neustar.biz)>  
**From:** "Noland, Yvonne" <[yvonne.noland@legal.gatech.edu](mailto:yvonne.noland@legal.gatech.edu)>  
**Date:** August 3, 2016 at 7:30:34 AM PDT  
**To:** "[Rodney.Joffe@neustar.biz](mailto:Rodney.Joffe@neustar.biz)" <[Rodney.Joffe@neustar.biz](mailto:Rodney.Joffe@neustar.biz)>  
**Cc:** "Antonakakis, Emmanouil K" <[manos@gatech.edu](mailto:manos@gatech.edu)>, "Cameron, Yolonda L"



[<yolonda.cameron@legal.gatech.edu>](mailto:yolonda.cameron@legal.gatech.edu)

**Subject: PIA - Neustar Inc./Georgia Tech (NDA-4406)**

Good morning,

Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

Sincerely,

**Yvonne Noland**

Legal Services Coordinator  
Georgia Institute of Technology  
Office of Legal Affairs  
Atlanta, GA 30332-0495  
Email: [Yvonne.Noland@legal.gatech.edu](mailto:Yvonne.Noland@legal.gatech.edu)  
Phone: 404-894-4812  
Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

## Virgil, Franchesca

---

**From:** Noland, Yvonne  
**Sent:** Wednesday, August 3, 2016 1:08 PM  
**To:** Rodney Joffe  
**Cc:** Antonakakis, Emmanouil K; Cameron, Yolonda L  
**Subject:** RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Rodney,

I'm afraid I'm unable to open the attachment to your email. Could you please resend at your earliest convenience?

Thank you,

### Yvonne Noland

Legal Services Coordinator  
Georgia Institute of Technology  
Office of Legal Affairs  
Atlanta, GA 30332-0495  
Email: [Yvonne.Noland@legal.gatech.edu](mailto:Yvonne.Noland@legal.gatech.edu)  
Phone: 404-894-4812  
Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

---

**From:** Rodney Joffe [mailto:[rodney.joffe@neustar.biz](mailto:rodney.joffe@neustar.biz)]  
**Sent:** Wednesday, August 03, 2016 12:52 PM  
**To:** Noland, Yvonne <[yvonne.noland@legal.gatech.edu](mailto:yvonne.noland@legal.gatech.edu)>  
**Cc:** Antonakakis, Emmanouil K <[manos@gatech.edu](mailto:manos@gatech.edu)>; Cameron, Yolonda L <[yolonda.cameron@legal.gatech.edu](mailto:yolonda.cameron@legal.gatech.edu)>  
**Subject:** Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hello Yvonne,

Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.

Regards  
Rodney



On Aug 3, 2016, at 7:30 AM, Noland, Yvonne <[yvonne.noland@legal.gatech.edu](mailto:yvonne.noland@legal.gatech.edu)> wrote:

Good morning,

Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

Sincerely,

**Yvonne Noland**

Legal Services Coordinator  
Georgia Institute of Technology  
Office of Legal Affairs  
Atlanta, GA 30332-0495  
Email: [Yvonne.Noland@legal.gatech.edu](mailto:Yvonne.Noland@legal.gatech.edu)  
Phone: 404-894-4812  
Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

<Neustar Inc. (NDA-4406).docx>

## Virgil, Franchesca

---

**From:** Noland, Yvonne  
**Sent:** Tuesday, September 6, 2016 10:14 AM  
**To:** Rodney Joffe; Contracts@neustar.biz  
**Cc:** Antonakakis, Emmanouil K; Cameron, Yolonda L  
**Subject:** RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)  
**Attachments:** Neustar Inc. - GT review 8-4-16 (NDA-4406).docx

Good morning – please advise regarding the status of this matter at your earliest convenience. Thank you.

---

**From:** Noland, Yvonne  
**Sent:** Thursday, August 04, 2016 12:38 PM  
**To:** 'Rodney Joffe' <rodney.joffe@neustar.biz>; 'Contracts@neustar.biz' <Contracts@neustar.biz>  
**Cc:** Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>  
**Subject:** RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Rodney,

Attached please find our additional comments and revisions for review by your legal department.

Regards,

**Yvonne Noland**

Legal Services Coordinator  
Georgia Institute of Technology  
Office of Legal Affairs  
Atlanta, GA 30332-0495  
Email: [Yvonne.Noland@legal.gatech.edu](mailto:Yvonne.Noland@legal.gatech.edu)  
Phone: 404-894-4812  
Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

---

**From:** Rodney Joffe [<mailto:rodney.joffe@neustar.biz>]  
**Sent:** Wednesday, August 03, 2016 12:52 PM  
**To:** Noland, Yvonne <[yvonne.noland@legal.gatech.edu](mailto:yvonne.noland@legal.gatech.edu)>  
**Cc:** Antonakakis, Emmanouil K <[manos@gatech.edu](mailto:manos@gatech.edu)>; Cameron, Yolonda L <[yolonda.cameron@legal.gatech.edu](mailto:yolonda.cameron@legal.gatech.edu)>  
**Subject:** Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hello Yvonne,

Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.

Regards  
Rodney



On Aug 3, 2016, at 7:30 AM, Noland, Yvonne <[yvonne.noland@legal.gatech.edu](mailto:yvonne.noland@legal.gatech.edu)> wrote:

Good morning,

Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

Sincerely,

**Yvonne Noland**

Legal Services Coordinator  
Georgia Institute of Technology  
Office of Legal Affairs  
Atlanta, GA 30332-0495  
Email: [Yvonne.Noland@legal.gatech.edu](mailto:Yvonne.Noland@legal.gatech.edu)  
Phone: 404-894-4812  
Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

<Neustar Inc. (NDA-4406).docx>

## Virgil, Franchesca

---

**From:** Noland, Yvonne  
**Sent:** Thursday, August 4, 2016 12:38 PM  
**To:** Rodney Joffe; Contracts@neustar.biz  
**Cc:** Antonakakis, Emmanouil K; Cameron, Yolonda L  
**Subject:** RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)  
**Attachments:** Neustar Inc. - GT review 8-4-16 (NDA-4406).docx

Hi Rodney,

Attached please find our additional comments and revisions for review by your legal department.

Regards,

### Yvonne Noland

Legal Services Coordinator  
Georgia Institute of Technology  
Office of Legal Affairs  
Atlanta, GA 30332-0495  
Email: [Yvonne.Noland@legal.gatech.edu](mailto:Yvonne.Noland@legal.gatech.edu)  
Phone: 404-894-4812  
Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

---

**From:** Rodney Joffe [mailto:rodney.joffe@neustar.biz]  
**Sent:** Wednesday, August 03, 2016 12:52 PM  
**To:** Noland, Yvonne <yvonne.noland@legal.gatech.edu>  
**Cc:** Antonakakis, Emmanouil K <manos@gatech.edu>; Cameron, Yolonda L <yolonda.cameron@legal.gatech.edu>  
**Subject:** Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hello Yvonne,

Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.

Regards  
Rodney



On Aug 3, 2016, at 7:30 AM, Noland, Yvonne <[yvonne.noland@legal.gatech.edu](mailto:yvonne.noland@legal.gatech.edu)> wrote:

Good morning,

Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

Sincerely,

**Yvonne Noland**

Legal Services Coordinator  
Georgia Institute of Technology  
Office of Legal Affairs  
Atlanta, GA 30332-0495  
Email: [Yvonne.Noland@legal.gatech.edu](mailto:Yvonne.Noland@legal.gatech.edu)  
Phone: 404-894-4812  
Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

<Neustar Inc. (NDA-4406).docx>

## Virgil, Franchesca

---

**From:** baseball-bounces@centergate.com on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Friday, August 25, 2017 11:04 AM  
**To:** Allison Mankin  
**Cc:** baseball@centergate.com  
**Subject:** Re: [DNS Inside Baseball 2017] REMINDER - TODAY Re: RESPONSE TO DOODLE NEEDED: Inside Baseball

Guys,

I did not want to say anything during the original planning that might sway selections...

Unfortunately I am not going to be able to come to SF at all... So you'll have to do without me #feature ...

See you next time.

Regards  
Rodney

> On Aug 25, 2017, at 10:51 AM, Allison Mankin <amankin@salesforce.com> wrote:

>

> Only 15 have signed up for Inside Baseball. Respond to the Doodle today yes/no so we can move on with arrangements.

>

>

> On Wed, Aug 23, 2017 at 4:47 PM, Allison Mankin <amankin@salesforce.com> wrote:

> As folks have heard already, we at Salesforce will host Inside Baseball in San Francisco September 27 and 28th. We need some info from folks about your intentions to attend.

>

> Please go to the Doodle Poll and indicate attendance for the baseball game and the meeting (just put N or Y in each of the columns).

>

>

> <https://beta.doodle.com/poll/bi9r3fsgs9fgyb8y9>

>

>

>

> More info about the game:

>

> Once we know the amount of interest, we'll confirm. Those who want a ride back and forth will meet at Salesforce, and we'll have a Chariot for the group.

>

> The game is the afternoon of September 27: the Oakland A's are

> playing at the Coliseum against the Mariners, at 12:35 PM PDT.

>

> Thanks,

>

> Allison

>



## Virgil, Franchesca

---

**From:** baseball-bounces@centergate.com on behalf of Allison Mankin <amankin@salesforce.com>  
**Sent:** Thursday, July 27, 2017 10:09 PM  
**To:** Rodney Joffe  
**Cc:** baseball@centergate.com; Allison Mankin  
**Subject:** Re: [DNS Inside Baseball 2017] September/October Inside baseball 2017-Fall

Rodney,

I'll get a confirmation asap.

Allison

Sent from my iPhone

> On Jul 27, 2017, at 17:48, Rodney Joffe <rjoffe@centergate.com> wrote:

>  
> OK. The nation has spoken.  
>  
> Wednesday and Thursday before OARC.  
>  
> Allison, can you please confirm in the next couple of days that you're able to host?  
>  
> If not, we'll host at our SF office...  
>  
> Next is a preliminary agenda...

>> On Jul 27, 2017, at 10:40 AM, Dave Knight <dave@shl.io> wrote:

>>  
>>  
>>> On Jul 22, 2017, at 4:42 PM, Rodney Joffe <rjoffe@centergate.com> wrote:  
>>>  
>>> Hi Guys,  
>>>  
>>> Schedules are starting to harden. We had all talked about the next IB, and scheduling it before NANOG71/OARC.  
>>>  
>>> As a reminder, NANOG is Oct 2 (Monday) through Oct 4 (Wednesday) at the Fairmont in San Jose.  
>>> OARC seems to be September 29 (Friday) and September 30 (Saturday) also at the Fairmont in San Jose.  
>>>  
>>> So Saturday night/Sunday/Sunday seem to be available if you want to minimize the time in the Bay Area, or Wednesday/Thursday, which means a week in San Jose, Wednesday through Wednesday, over a weekend.  
>>>  
>>> Allison has indicated that Salesforce may be able to host IB, in San Francisco, rather than San Jose.  
>>>  
>>> Can we start a discussion here now, on logistics? It seems that we have to decide if we want 2 days (meaning Wednesday and Thursday) or one day (Thursday or Sunday). And whether San Francisco for one day and OARC and NANOG in San Jose works  
>>>  
>>> The floor is open :-)

>>  
>>  
>> We're seeing a strong preference for the two days immediately prior to OARC, further strengthened by the fact that our potential hosts are less able to do two days afterward.  
>>  
>> <PastedGraphic-1.png>  
>>  
>>  
>> dave  
>

## Virgil, Franchesca

---

**From:** baseball-bounces@centergate.com on behalf of Dave Knight <dave@shl.io>  
**Sent:** Thursday, July 27, 2017 10:40 AM  
**To:** Rodney Joffe  
**Cc:** baseball@centergate.com  
**Subject:** Re: [DNS Inside Baseball 2017] September/October Inside baseball 2017-Fall

On Jul 22, 2017, at 4:42 PM, Rodney Joffe <[rjoffe@centergate.com](mailto:rjoffe@centergate.com)> wrote:

Hi Guys,

Schedules are starting to harden. We had all talked about the next IB, and scheduling it before NANOG71/OARC.

As a reminder, NANOG is Oct 2 (Monday) through Oct 4 (Wednesday) at the Fairmont in San Jose. OARC seems to be September 29 (Friday) and September 30 (Saturday) also at the Fairmont in San Jose.

So Saturday night/Sunday/Sunday seem to be available if you want to minimize the time in the Bay Area, or Wednesday/Thursday, which means a week in San Jose, Wednesday through Wednesday, over a weekend.

Allison has indicated that Salesforce may be able to host IB, in San Francisco, rather than San Jose.

Can we start a discussion here now, on logistics? It seems that we have to decide if we want 2 days (meaning Wednesday and Thursday) or one day (Thursday or Sunday). And whether San Francisco for one day and OARC and NANOG in San Jose works

The floor is open :-)

We're seeing a strong preference for the two days immediately prior to OARC, further strengthened by the fact that our potential hosts are less able to do two days afterward.

19 participants	September 2017				October 2017					
	Wed 27	Thu 28	Fri 29	Sat 30	Sun 1	Mon 2	Tue 3	Wed 4	Thu 5	Fri 6
Dave Knight	✓	✓			✓	✓	⊗	⊗	⊗	⊗
Matt Larson	✓	✓			⊗	⊗	⊗			
Robert Edmonds	✓	✓			⊗	⊗	⊗			
Sean leach	✓	✓					✓	✓	✓	
Rodney Joffe	✓	✓			✓				✓	✓
Joao Damas	✓	✓			⊗					
Chris Baker	✓	✓			✓					
Matt Weinberg	✓	✓			✓	✓	✓	✓		
Roy Arends	✓	✓			✓	✓				
Chris Roosenraad	✓	✓								
tale					✓	✓	✓	✓		
Keith Mitchell	✓	⊗			✓	⊗	⊗	✓	✓	⊗
Tim Wicinski	✓	✓			⊗	⊗	⊗			
Dave Blacka	⊗	✓			✓	✓	✓	✓		
Cricket Liu	✓	✓				✓	✓	✓	✓	✓
Allison Mankin	✓	✓			✓					
Olafur Gudmundsso	✓	✓			⊗	⊗				
Casey Deccio	✓	✓				✓	✓			
Steve DeJong	✓	✓			⊗	✓	✓			
<input type="text" value="Your name"/>	Yes (Yes) No	Yes (Yes) No	Yes (Yes) No	Yes (Yes) No	Yes (Yes) No	Yes (Yes) No	Yes (Yes) No	Yes (Yes) No	Yes (Yes) No	Yes (Yes) No
	Wed 27	Thu 28	Fri 29	Sat 30	Sun 1	Mon 2	Tue 3	Wed 4	Thu 5	Fri 6
	September 2017				October 2017					
Yes	17	17	0	0	9	8	7	6	4	2
Ifneedbe	1	1	0	0	6	5	5	1	1	2
No	1	1	19	19	4	6	7	12	14	15

dave

## Virgil, Franchesca

---

**From:** baseball-bounces@centergate.com on behalf of Robert Edmonds <redmonds@fastly.com>  
**Sent:** Sunday, July 23, 2017 12:01 PM  
**To:** Rodney Joffe; baseball@centergate.com  
**Subject:** Re: [DNS Inside Baseball 2017] September/October Inside baseball 2017-Fall

Hi,

If it's held in San Francisco, my preference would be to fly into SFO, hold IB in San Francisco on Wed/Thu, then take the Caltrain "Baby Bullet" to San Jose on Thursday evening, attend OARC Friday/Saturday, and fly out of SJC on Sunday. (I'm not attending NANOG.)

On Sat, Jul 22, 2017 at 4:43 PM Rodney Joffe <[rjoffe@centergate.com](mailto:rjoffe@centergate.com)> wrote:

Hi Guys,

Schedules are starting to harden. We had all talked about the next IB, and scheduling it before NANOG71/OARC.

As a reminder, NANOG is Oct 2 (Monday) through Oct 4 (Wednesday) at the Fairmont in San Jose. OARC seems to be September 29 (Friday) and September 30 (Saturday) also at the Fairmont in San Jose.

So Saturday night/Sunday/Sunday seem to be available if you want to minimize the time in the Bay Area, or Wednesday/Thursday, which means a week in San Jose, Wednesday through Wednesday, over a weekend.

Allison has indicated that Salesforce may be able to host IB, in San Francisco, rather than San Jose.

Can we start a discussion here now, on logistics? It seems that we have to decide if we want 2 days (meaning Wednesday and Thursday) or one day (Thursday or Sunday). And whether San Francisco for one day and OARC and NANOG in San Jose works

The floor is open :-)

Begin forwarded message:

**From:** Denesh Bhabuta - OARC <[denesh@dns-oarc.net](mailto:denesh@dns-oarc.net)>  
**Subject:** [dns-operations] OARC 27 Accommodation - Very limited availability  
**Date:** July 22, 2017 at 1:19:24 PM EDT  
**To:** [dns-operations@dns-oarc.net](mailto:dns-operations@dns-oarc.net)

Dear colleagues

The OARC 27 accommodation block is in the Fairmont San Jose - the workshop venue itself.

We have once again been working with NANOG (as we are co-locating with NANOG 71) and the booking link is now live at:

<http://www.cvent.com/events/nanog-71/custom-36-4f71b2f3181e49c1ab199f5d5d405bb8.aspx>

There is extremely limited availability of rooms as there are other events taking place across the city during that time and the hotel have informed us no additional rooms will be released. Once the room allocations are exhausted there will be no further rooms available at the hotel.

I, thus, strongly suggest you book your accommodation sooner rather than later (as it is a NANOG block, the rooms are likely to be snapped up very quickly by NANOG only attendees too).

Room rates are from US\$249 + taxes for single and double occupancy.

We will assess the shortfall in number of rooms, so please do contact me and let me know if rooms are no longer available for the OARC 27 dates when you try and book.

Regards  
Denesh

---

dns-operations mailing list  
[dns-operations@lists.dns-oarc.net](mailto:dns-operations@lists.dns-oarc.net)  
<https://lists.dns-oarc.net/mailman/listinfo/dns-operations>  
dns-operations mailing list  
<https://lists.dns-oarc.net/mailman/listinfo/dns-operations>



**Robert Edmonds** | Senior Software Engineer  
[fastly.com](https://fastly.com) | [@fastly](#) | [LinkedIn](#)

## Virgil, Franchesca

---

**From:** baseball-bounces@centergate.com on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Wednesday, August 9, 2017 9:08 PM  
**To:** Allison Mankin  
**Cc:** baseball@centergate.com; Allison Mankin  
**Subject:** Re: [DNS Inside Baseball 2017] September/October Inside baseball 2017-Fall

Hi Allison,  
> On Jul 27, 2017, at 10:09 PM, Allison Mankin <amankin@salesforce.com> wrote:  
>  
> Rodney,  
>  
> I'll get a confirmation asap.

Any update? We have to make decisions ;-)

Thanks  
Rodney

>  
> Allison  
>  
> Sent from my iPhone  
>  
>> On Jul 27, 2017, at 17:48, Rodney Joffe <rjoffe@centergate.com> wrote:  
>>  
>> OK. The nation has spoken.  
>>  
>> Wednesday and Thursday before OARC.  
>>  
>> Allison, can you please confirm in the next couple of days that you're able to host?  
>>  
>> If not, we'll host at our SF office...  
>>  
>> Next is a preliminary agenda...  
>>  
>>> On Jul 27, 2017, at 10:40 AM, Dave Knight <dave@shl.io> wrote:  
>>>  
>>>  
>>>> On Jul 22, 2017, at 4:42 PM, Rodney Joffe <rjoffe@centergate.com> wrote:  
>>>>  
>>>> Hi Guys,  
>>>>  
>>>> Schedules are starting to harden. We had all talked about the next IB, and scheduling it before NANOG71/OARC.  
>>>>  
>>>> As a reminder, NANOG is Oct 2 (Monday) through Oct 4 (Wednesday) at the Fairmont in San Jose.  
>>>> OARC seems to be September 29 (Friday) and September 30 (Saturday) also at at the Fairmont in San Jose.  
>>>>

>>>> So Saturday night/Sunday/Sunday seem to be available if you want to minimize the time in the Bay Area, or Wednesday/Thursday, which means a week in San Jose, Wednesday through Wednesday, over a weekend.

>>>>

>>>> Allison has indicated that Salesforce may be able to host IB, in San Francisco, rather than San Jose.

>>>>

>>>> Can we start a discussion here now, on logistics? It seems that we have to decide if we want 2 days (meaning Wednesday and Thursday) or one day (Thursday or Sunday). And whether San Francisco for one day and OARC and NANOG in San Jose works

>>>>

>>>> The floor is open :-)

>>>

>>>

>>> We're seeing a strong preference for the two days immediately prior to OARC, further strengthened by the fact that our potential hosts are less able to do two days afterward.

>>>

>>> <PastedGraphic-1.png>

>>>

>>>

>>> dave

>>



## Virgil, Franchesca

---

**From:** baseball-bounces@centergate.com on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Wednesday, March 20, 2019 6:24 PM  
**To:** Wessels, Duane  
**Cc:** baseball@centergate.com  
**Subject:** Re: [DNS Inside Baseball] InsideBaseball 2019

Count me and Team UltraDNS in. Steve will do a better job of identifying who that is, besides him and me.

Thanks Duane/VRSN!!

> On Mar 20, 2019, at 6:21 PM, Allison Mankin <amankin@salesforce.com> wrote:

>

> Count me and team Salesforce in

>

> On Wed, Mar 20, 2019 at 3:19 PM Wessels, Duane <dwessels@verisign.com> wrote:

>

>

>> On Mar 19, 2019, at 7:40 PM, DeJong, Steve <Steve.DeJong@team.neustar> wrote:

>>

>> Greetings,

>>

>> Several people have asked about an InsideBaseball meet up this year and now there is an update to share. For this year Duane Wessels and Verisign have offered to host and schedule a get together.

>>

>> The current thinking is to plan some time around the NANOG 76 conference which is scheduled for June 9-12 in Washington DC with further details to come from the Verisign group as plans develop. Thanks to Duane and Verisign for organizing this year.

>

>

> Thanks Steve!

>

> Yes Verisign would very much like to host a DNS Inside Baseball event this year. As Steve mentioned, with NANOG closing on June 12, this is sort of what we are thinking:

>

> - DNS Inside Baseball meeting the morning & afternoon of June 13

> - Location: DC area, close to the NANOG venue.

> - The Washington Nationals have a home game June 13 at 7PM

> - We're exploring renting out a suite at the stadium for up to 30 people.

> - For anyone not really into watching the game of baseball, the suite should have room to just sit and chat.

>

>

> I'm interested to hear from folks willing to tentatively attend. If we can get enough momentum then I can proceed with making the arrangements.

>

> DW

>

## Virgil, Franchesca

---

**From:** baseball-bounces@centergate.com on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Wednesday, March 20, 2019 6:30 PM  
**To:** Wessels, Duane  
**Cc:** baseball@centergate.com  
**Subject:** Re: [DNS Inside Baseball] InsideBaseball 2019

On Mar 20, 2019, at 6:24 PM, Steve Crocker <[steve@shinkuro.com](mailto:steve@shinkuro.com)> wrote:

I can probably attend.

Cool!

Duane, do you have a balcony for Steve and Rodney?



## Virgil, Franchesca

---

**From:** baseball-bounces@centergate.com on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Wednesday, March 27, 2019 8:10 AM  
**To:** Rob Seastrom  
**Cc:** baseball@centergate.com  
**Subject:** Re: [DNS Inside Baseball] participant list

I think it's Steve DeJong who manages it now. He is on Pacific time.

On Mar 27, 2019, at 8:07 AM, Rob Seastrom <[rs@seastrom.com](mailto:rs@seastrom.com)> wrote:

I think I was on it from my Neustar laptop. Who's the person to talk to for invites?

-r

Sent from my iPad

On Mar 27, 2019, at 07:09, Matthew Pounsett <[matt@conundrum.com](mailto:matt@conundrum.com)> wrote:

On Wed, 27 Mar 2019 at 10:36, Wessels, Duane <[dwessels@verisign.com](mailto:dwessels@verisign.com)> wrote:

Also, note that there is a slack channel that was getting some use for a while but has been very quiet recently.

This seems relevant to my interests. :)

## Virgil, Franchesca

---

**From:** ARIN-discuss <arin-discuss-bounces@arin.net> on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Monday, October 15, 2018 12:49 PM  
**To:** Paul Fleming  
**Cc:** arin-discuss@arin.net  
**Subject:** Re: [arin-discuss] ARIN Election SPAM  
**Attachments:** ATT00001.txt

Hey. You subscribed yourself. But you seem oblivious to what you subscribed to, you don't read the adminstravia sent to you when you did subscribe that told you how to unsubscribe, you've ignored the multiple posts that have spelled it out for the slow learners like you and you've finally failed to look at the footer of every email where it gets spelled out.

So, no. Go put your big boy pants on, and go unsubscribe yourself.

Say, you're not related to Jim Fleming, are you

On Oct 15, 2018, at 11:25 AM, Paul Fleming <[paul@wecominc.com](mailto:paul@wecominc.com)> wrote:

Unsubscribe me please

--

Paul L. Fleming | Wecom, Inc. and Data-Max Wireless | COO & Vice President  
Office: 928.753.3829 | Direct: 928.377.5073 | Fax: 928.753.5991  
trust your network | [wecominc.com](http://wecominc.com) / [datamaxwireless.com](http://datamaxwireless.com)  
<image001.png>

Notice: This communication may contain information that is privileged confidential and/or exempt from disclosure under applicable law, including but not limited to the Electronic Communications Privacy Act, 18 USC 2510-252. Any dissemination, distribution, copying, or use of the communication by or to anyone other than the designated and intended recipient named above is unauthorized and is strictly prohibited. If you are not the intended recipient named above, please delete and/or destroy this communication immediately.

---

**From:** ARIN-discuss <[arin-discuss-bounces@arin.net](mailto:arin-discuss-bounces@arin.net)> on behalf of Josh Luthman <[josh@imagine-networksllc.com](mailto:josh@imagine-networksllc.com)>  
**Date:** Monday, October 15, 2018 at 8:51 AM  
**To:** Michael Zindel <[michael.zindel@libertybroadband.site](mailto:michael.zindel@libertybroadband.site)>  
**Cc:** "arin-discuss@arin.net" <[arin-discuss@arin.net](mailto:arin-discuss@arin.net)>  
**Subject:** Re: [arin-discuss] ARIN Election SPAM

The first issue was being solicited for votes.

The second real issue is the 50+ posts about the first non issue. This is what's annoying to me and many others in this list/thread.

Josh Luthman  
Office: 937-552-2340  
Direct: 937-552-2343  
1100 Wayne St  
Suite 1337  
Troy, OH 45373

On Mon, Oct 15, 2018, 11:42 AM Michael Zindel <[michael.zindel@libertybroadband.site](mailto:michael.zindel@libertybroadband.site)> wrote:

I'm puzzled by how many people aren't interested in the goings-on of ARIN and refer to it as spam.

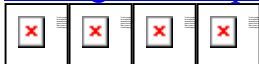
On Mon, Oct 15, 2018 at 6:35 AM Mike Hammett <[mike.hammett@ics-il.com](mailto:mike.hammett@ics-il.com)> wrote:

You're not. It's a figment of your imagination.

-----

Mike Hammett

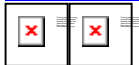
[Intelligent Computing Solutions](#)



[Midwest Internet Exchange](#)



[The Brothers WISP](#)



---

**From:** "John Ajarapu" <[John.Ajarapu@ironmountain.com](mailto:John.Ajarapu@ironmountain.com)>

**To:** "Martin Hannigan" <[REDACTED]>

**Cc:** [arin-discuss@arin.net](mailto:arin-discuss@arin.net)

**Sent:** Monday, October 15, 2018 5:11:11 AM

**Subject:** Re: [arin-discuss] ARIN Election SPAM

Why am I getting these SPAM????

Sent from my iPhone

On Oct 15, 2018, at 4:41 AM, Martin Hannigan <[REDACTED]> wrote:

Note: Apologies if anyone doesn't want to discuss this on arin-discuss. I always assumed this list was intended for relevant discussions about ARIN with "PPML" being for policy discussions. As Rodney Joffe pointed out, there is a URL to a working unsubscribe function at the bottom of all ARIN lists AFAIK if this is problematic for anyone. The list is also tagged in the subject. It is quite easy to filter for later reading comfort. It is a nice way to approach any mailbox organization.

While I have preferences for voting as an impact to the policy aspect and overall public interest in ARIN, I am not a DMR. My voting views are not relevant to the issue at hand. If there is one. Did I receive actual

unsolicited commercial email "UCE"? I don't have a direct relationship with the sender. They weren't asking me for money or selling me anything other than themselves. On one hand, someone running for election seems to have a right per VA corporate law to access information identifying voters. On the other, I am not the DMR for any company at the moment. I don't speak for one either. My interest is solely as an internet citizen. Seems like a grey area with ARIN being between the rock and the hard place more than anything.

\While in the era of Green Card Lawyers this would have been horrific, today it is not. It is 2018. I don't like spam in the traditional sense, but I am over it in the general sense. Spam filters, both automated and personally configured do well enough. Spam is never going away as long as there is anyone alive willing to send money to \$scammer. I'll leave it to the pros and each individual as to what they think it is. For me, this isn't a really a debate about spam. However, I do think there is an issue for ARIN to consider for next time. Is email considered PII? What affect, if any, does that have on the required disclosure?

<https://nvlpubs.nist.gov/nistpubs/Legacy/SP/nistspecialpublication800-122.pdf>

<https://www.dol.gov/general/ppii>

I doubt that my information was shared by ARIN, but it is possible. If it were, I'd be surprised as only DMRs have votes and while others may be listed in the ARIN database, they may not be entirely relevant to the statute. So was it spam? I don't know, but I'm not putting any more cycles into thinking about it.

Food for thought. For next time. \$0.02

Best Regards,

-M<

On Sun, Oct 14, 2018 at 8:37 PM Arik Next

<[arik@nextcommunications.com](mailto:arik@nextcommunications.com)> wrote:

Right who do you want us to vote for ? All that emails and at the end the candidate remain unknown ? This is really disturbing.

Sent from my iPhone

On Oct 14, 2018, at 5:32 PM, Martin Hannigan <[REDACTED]> wrote:

For me, it was Peter Harrison.

Best,

-M<

On Wed, Oct 10, 2018 at 17:54 Bill Woodcock  
<[woody@pch.net](mailto:woody@pch.net)> wrote:

On Oct 10, 2018 17:33, Clayton Zekelman  
<[clayton@MNSi.Net](mailto:clayton@MNSi.Net)> wrote:

> I'm not sure if this is the place to bring it up, but did  
anyone else  
> receive unsolicited e-mail from someone running for an  
ARIN board  
> position this week?  
> It appears that they harvested my e-mail address from  
my POC record.

Well, this seems like as good a place as any to bring it  
up.

You may as well say which candidate it was from.

-Bill

---

ARIN-Discuss

You are receiving this message because you are  
subscribed to  
the ARIN Discussion Mailing List ([ARIN-  
discuss@arin.net](mailto:ARIN-discuss@arin.net)).

Unsubscribe or manage your mailing list subscription at:  
<https://lists.arin.net/mailman/listinfo/arin-discuss>

Please contact [info@arin.net](mailto:info@arin.net) if you experience any  
issues.

---

ARIN-Discuss

You are receiving this message because you are  
subscribed to  
the ARIN Discussion Mailing List ([ARIN-  
discuss@arin.net](mailto:ARIN-discuss@arin.net)).

Unsubscribe or manage your mailing list subscription at:  
<https://lists.arin.net/mailman/listinfo/arin-discuss>

Please contact [info@arin.net](mailto:info@arin.net) if you experience any  
issues.

---

ARIN-Discuss

You are receiving this message because you are subscribed to  
the ARIN Discussion Mailing List ([ARIN-discuss@arin.net](mailto:ARIN-discuss@arin.net)).

Unsubscribe or manage your mailing list subscription at:

[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_lists.arin.net\\_mailman\\_listinfo\\_arin-2Ddiscuss&d=DwlCAg&c=Ro8Q4dnX1SNK\\_vCgNOhSvelTMHXvJUUsDI\\_FqhHVlop24&r=XUfmYZDwwobyZKwc42FnWVoVpR9ht7UoXYluNI9XQE&m=IAzX0\\_tsVRIZG8CXb4UIMVi4p1K\\_bck3G84CAULtack&s=tLmXpUhqH728VbWUtmxU92mr7mZYepJlz8JqseE6fa4&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A_lists.arin.net_mailman_listinfo_arin-2Ddiscuss&d=DwlCAg&c=Ro8Q4dnX1SNK_vCgNOhSvelTMHXvJUUsDI_FqhHVlop24&r=XUfmYZDwwobyZKwc42FnWVoVpR9ht7UoXYluNI9XQE&m=IAzX0_tsVRIZG8CXb4UIMVi4p1K_bck3G84CAULtack&s=tLmXpUhqH728VbWUtmxU92mr7mZYepJlz8JqseE6fa4&e=)

Please contact [info@arin.net](mailto:info@arin.net) if you experience any issues.

---

The information contained in this email message and its attachments is intended only for the private and confidential use of the recipient(s) named above, unless the sender expressly agrees otherwise. Transmission of email over the Internet is not a secure communications medium. If you are requesting or have requested the transmittal of personal data, as defined in applicable privacy laws by means of email or in an attachment to email, you must select a more secure alternate means of transmittal that supports your obligations to protect such personal data. If the reader of this message is not the intended recipient and/or you have received this email in error, you must take no action based on the information in this email and you are hereby notified that any dissemination, misuse or copying or disclosure of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by email and delete the original message.

---

ARIN-Discuss

You are receiving this message because you are subscribed to the ARIN Discussion Mailing List ([ARIN-discuss@arin.net](mailto:ARIN-discuss@arin.net)).

Unsubscribe or manage your mailing list subscription at:

<https://lists.arin.net/mailman/listinfo/arin-discuss>

Please contact [info@arin.net](mailto:info@arin.net) if you experience any issues.

---

ARIN-Discuss

You are receiving this message because you are subscribed to the ARIN Discussion Mailing List ([ARIN-discuss@arin.net](mailto:ARIN-discuss@arin.net)).

Unsubscribe or manage your mailing list subscription at:

<https://lists.arin.net/mailman/listinfo/arin-discuss>

Please contact [info@arin.net](mailto:info@arin.net) if you experience any issues.

--

Michael Zindel // CEO | Liberty Broadband

O: 385.626.0096 | E: [michael.zindel@libertybroadband.site](mailto:michael.zindel@libertybroadband.site)

---

ARIN-Discuss

You are receiving this message because you are subscribed to the ARIN Discussion Mailing List ([ARIN-discuss@arin.net](mailto:ARIN-discuss@arin.net)).

Unsubscribe or manage your mailing list subscription at:

<https://lists.arin.net/mailman/listinfo/arin-discuss>

Please contact [info@arin.net](mailto:info@arin.net) if you experience any issues.



---

ARIN-Discuss

You are receiving this message because you are subscribed to the ARIN Discussion Mailing List ([ARIN-discuss@arin.net](mailto:ARIN-discuss@arin.net)).

Unsubscribe or manage your mailing list subscription at:

<https://lists.arin.net/mailman/listinfo/arin-discuss>

Please contact [info@arin.net](mailto:info@arin.net) if you experience any issues.

## Virgil, Franchesca

---

**From:** Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Saturday, September 2, 2017 11:45 AM  
**To:** Antonakakis, Manos  
**Subject:** Re: [EXTERNAL] Changes in my team

Fuck

We should talk.

> On Sep 2, 2017, at 11:44 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Folks,

>

> This is a heads up on an upcoming change in my team. Yacin will be leaving to go and work in the industry (I suspect Google or Facebook). Sadly, I cannot compete with industry level salaries, as you can imagine.

>

> That being said, I am bringing on a very trusted, very talented and very senior person that was working under me back in my Damballa days. When he accepts the offer and gives his two week notice, I will announce his name to you. He will be your POC for the next n-years of our DOD projects.

>

> For now, please inform your teams that for any issue at all you can contact me, Dave or my senior sysadmin, William (cced).

>

> Nothing really changes, this is just a heads up.

>

> Cheers,

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

## Virgil, Franchesca

---

**From:** Antonakakis, Manos  
**Sent:** Saturday, September 2, 2017 11:51 AM  
**To:** Rodney Joffe  
**Subject:** Re: [EXTERNAL] Changes in my team

Everything under control, Rodney. Nothing to worry about.

He wants a way higher salary, now. I sadly cannot give him that. He will find it in industry.

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Rodney Joffe <rjoffe@centergate.com>  
Sent: Saturday, September 2, 2017 11:45:20 AM  
To: Antonakakis, Manos  
Subject: Re: [EXTERNAL] Changes in my team

Fuck

We should talk.

> On Sep 2, 2017, at 11:44 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Folks,

>

> This is a heads up on an upcoming change in my team. Yacin will be leaving to go and work in the industry (I suspect Google or Facebook). Sadly, I cannot compete with industry level salaries, as you can imagine.

>

> That being said, I am bringing on a very trusted, very talented and very senior person that was working under me back in my Damballa days. When he accepts the offer and gives his two week notice, I will announce his name to you. He will be your POC for the next n-years of our DOD projects.

>

> For now, please inform your teams that for any issue at all you can contact me, Dave or my senior sysadmin, William (cced).

>

> Nothing really changes, this is just a heads up.

>

> Cheers,

>

> —

> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

## Virgil, Franchesca

---

**From:** Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Saturday, September 2, 2017 11:58 AM  
**To:** Antonakakis, Manos  
**Subject:** Re: [EXTERNAL] Changes in my team

Maybe I could have paid it?

> On Sep 2, 2017, at 11:51 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> Everything under control, Rodney. Nothing to worry about.  
>  
> He wants a way higher salary, now. I sadly cannot give him that. He will find it in industry.

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Rodney Joffe <rjoffe@centergate.com>  
> Sent: Saturday, September 2, 2017 11:45:20 AM  
> To: Antonakakis, Manos  
> Subject: Re: [EXTERNAL] Changes in my team

>  
> Fuck  
>  
> We should talk.

>  
>> On Sep 2, 2017, at 11:44 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>  
>> Folks,  
>>  
>> This is a heads up on an upcoming change in my team. Yacin will be leaving to go and work in the industry (I suspect Google or Facebook). Sadly, I cannot compete with industry level salaries, as you can imagine.

>>  
>> That being said, I am bringing on a very trusted, very talented and very senior person that was working under me back in my Damballa days. When he accepts the offer and gives his two week notice, I will announce his name to you. He will be your POC for the next n-years of our DOD projects.

>>  
>> For now, please inform your teams that for any issue at all you can contact me, Dave or my senior sysadmin, William (cced).

>>  
>> Nothing really changes, this is just a heads up.

>>  
>> Cheers,  
>>  
>> —

>> Manos Antonakakis | manos@gatech.edu  
>> Georgia Institute of Technology  
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>>  
>

## Virgil, Franchesca

---

**From:** Antonakakis, Manos  
**Sent:** Thursday, June 7, 2018 9:44 PM  
**To:** Rodney Joffe  
**Subject:** Fwd: Engineered Biosystems Building

The meeting location for tomorrow morning. My talk starts at 10.30am.

---

Typos due to mobile device ...

Begin forwarded message:

**From:** "Farrell, Michael" <[Michael.Farrell@gtri.gatech.edu](mailto:Michael.Farrell@gtri.gatech.edu)>  
**Date:** June 7, 2018 at 17:51:52 EDT  
**To:** "Antonakakis, Emmanouil K" <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Subject:** Engineered Biosystems Building

[Engineered Biosystems Building](#)  
[950 Atlantic Dr NW, Atlanta, GA 30332](#)

## Virgil, Franchesca

---

**From:** Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Thursday, October 26, 2017 2:17 PM  
**To:** Antonakakis, Manos  
**Subject:** Fwd: PF access  
**Attachments:** PGP/MIME Versions Identification; OpenPGP encrypted message.asc

## Virgil, Franchesca

---

**From:** Rodney Joffe <rodney.joffe@neustar.biz>  
**Sent:** Tuesday, September 6, 2016 11:20 AM  
**To:** Noland, Yvonne  
**Subject:** Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)  
**Attachments:** Georgia Tech NDA (one-way) for Neustar DRAFT2 2016-Sep-06.docx; ATT00001.htm

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Hi Yvonne,

This is the correct email.

Apparently all edits are OK except for the comments below. Could you please confirm?

Thanks

Rodney

=====

Rodney Joffe

SVP, Senior Technologist, and Fellow

Neustar, Inc. (NYSE:NSR)

1775 Pennsylvania Ave. NW

Suite 400

Washington DC 20006

+1 202-533-2900 Direct

+1 602-418-6471 Cell

---

**From:** Contracts  
**Sent:** Tuesday, September 06, 2016 11:06 AM  
**To:** Joffe, Rodney <[Rodney.Joffe@neustar.biz](mailto:Rodney.Joffe@neustar.biz)>; Contracts <[Contracts@neustar.biz](mailto:Contracts@neustar.biz)>  
**Subject:** RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Rodney,

All the counter-edits are acceptable with the exception of the Confidential Information marking.

Through discussions or written information disclosed, it would be somewhat difficult to have to “mark” all proprietary/confidential information as “Confidential”. In the event that there are times that such information is not marked or otherwise indicated verbally during ongoing communication, we want to ensure that, although not marked as “Confidential”, that it is protected under the NA,

**Samantha Ellis**  
NeuStar, Inc. | Contracts Manager  
571.434.3421



---

**From:** Noland, Yvonne [<mailto:yvonne.noland@legal.gatech.edu>]  
**Sent:** Tuesday, September 06, 2016 10:14 AM  
**To:** Joffe, Rodney <[Rodney.Joffe@neustar.biz](mailto:Rodney.Joffe@neustar.biz)>; Contracts <[Contracts@neustar.biz](mailto:Contracts@neustar.biz)>  
**Cc:** Antonakakis, Emmanouil K <[manos@gatech.edu](mailto:manos@gatech.edu)>; Cameron, Yolonda L <[yolonda.cameron@legal.gatech.edu](mailto:yolonda.cameron@legal.gatech.edu)>  
**Subject:** RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Good morning – please advise regarding the status of this matter at your earliest convenience. Thank you.

---

**From:** Noland, Yvonne  
**Sent:** Thursday, August 04, 2016 12:38 PM  
**To:** 'Rodney Joffe' <[rodney.joffe@neustar.biz](mailto:rodney.joffe@neustar.biz)>; 'Contracts@neustar.biz' <[Contracts@neustar.biz](mailto:Contracts@neustar.biz)>  
**Cc:** Antonakakis, Emmanouil K <[manos@gatech.edu](mailto:manos@gatech.edu)>; Cameron, Yolonda L <[yolonda.cameron@legal.gatech.edu](mailto:yolonda.cameron@legal.gatech.edu)>  
**Subject:** RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Rodney,

Attached please find our additional comments and revisions for review by your legal department.

Regards,

**Yvonne Noland**

Legal Services Coordinator  
Georgia Institute of Technology  
Office of Legal Affairs  
Atlanta, GA 30332-0495  
Email: [Yvonne.Noland@legal.gatech.edu](mailto:Yvonne.Noland@legal.gatech.edu)  
Phone: 404-894-4812  
Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

---

**From:** Rodney Joffe [<mailto:rodney.joffe@neustar.biz>]  
**Sent:** Wednesday, August 03, 2016 12:52 PM  
**To:** Noland, Yvonne <[yvonne.noland@legal.gatech.edu](mailto:yvonne.noland@legal.gatech.edu)>  
**Cc:** Antonakakis, Emmanouil K <[manos@gatech.edu](mailto:manos@gatech.edu)>; Cameron, Yolonda L <[yolonda.cameron@legal.gatech.edu](mailto:yolonda.cameron@legal.gatech.edu)>  
**Subject:** Re: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hello Yvonne,

Thanks... I am attaching a marked up version of the NDA from our legal group... Hopefully this is acceptable.

Regards  
Rodney

On Aug 3, 2016, at 7:30 AM, Noland, Yvonne <[yvonne.noland@legal.gatech.edu](mailto:yvonne.noland@legal.gatech.edu)> wrote:

Good morning,

Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

Sincerely,

**Yvonne Noland**

Legal Services Coordinator  
Georgia Institute of Technology  
Office of Legal Affairs  
Atlanta, GA 30332-0495  
Email: [Yvonne.Noland@legal.gatech.edu](mailto:Yvonne.Noland@legal.gatech.edu)  
Phone: 404-894-4812  
Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

<Neustar Inc. (NDA-4406).docx>

## Virgil, Franchesca

---

**From:** Rodney Joffe <rodney.joffe@neustar.biz>  
**Sent:** Wednesday, August 3, 2016 1:13 PM  
**To:** Noland, Yvonne  
**Subject:** Fwd: PIA - Neustar Inc./Georgia Tech (NDA-4406)  
**Attachments:** Georgia Tech NDA (one-way) for Neustar DRAFT 2016-Aug-03 1215hrs.docx; ATT00001.htm

Yvonne,  
Does this work?

The email below also includes our legal group contract info.

Thanks  
Rodney

Begin forwarded message:

**From:** Contracts <[Contracts@neustar.biz](mailto:Contracts@neustar.biz)>  
**Date:** August 3, 2016 at 9:38:02 AM PDT  
**To:** "Joffe, Rodney" <[Rodney.Joffe@neustar.biz](mailto:Rodney.Joffe@neustar.biz)>  
**Cc:** "Konde, Alex" <[alex.konde@neustar.biz](mailto:alex.konde@neustar.biz)>, Contracts <[Contracts@neustar.biz](mailto:Contracts@neustar.biz)>  
**Subject:** RE: PIA - Neustar Inc./Georgia Tech (NDA-4406)

Hi Rodney,

Legal has reviewed the attached and have made a few edits. Please let me know if you have any questions or concerns.

Regards,  
Samantha

**Samantha Ellis**  
NeuStar, Inc. | Contracts Manager  
571.434.3421

---

**Resent-From:** <[rodney.joffe@neustar.biz](mailto:rodney.joffe@neustar.biz)>  
**From:** "Noland, Yvonne" <[yvonne.noland@legal.gatech.edu](mailto:yvonne.noland@legal.gatech.edu)>  
**Date:** August 3, 2016 at 7:30:34 AM PDT  
**To:** "[Rodney.Joffe@neustar.biz](mailto:Rodney.Joffe@neustar.biz)" <[Rodney.Joffe@neustar.biz](mailto:Rodney.Joffe@neustar.biz)>  
**Cc:** "Antonakakis, Emmanouil K" <[manos@gatech.edu](mailto:manos@gatech.edu)>, "Cameron, Yolonda L" <[yolonda.cameron@legal.gatech.edu](mailto:yolonda.cameron@legal.gatech.edu)>  
**Subject:** PIA - Neustar Inc./Georgia Tech (NDA-4406)

Good morning,

Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However,

the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

Sincerely,

**Yvonne Noland**

Legal Services Coordinator  
Georgia Institute of Technology  
Office of Legal Affairs  
Atlanta, GA 30332-0495  
Email: [Yvonne.Noland@legal.gatech.edu](mailto:Yvonne.Noland@legal.gatech.edu)  
Phone: 404-894-4812  
Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

## Virgil, Franchesca

---

**From:** NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Monday, October 15, 2018 10:01 PM  
**To:** NANOG  
**Subject:** It's been 20 years today (Oct 16, UTC). Hard to believe.

At NANOG two weeks ago, we had an interesting discussion at one of the lunch tables. One of the subjects we discussed was the original IANA, and RFC Editor, Jon Postel.

Seven of the ten people at the table had never heard of him. Maybe these days it no longer matters who he was, and what he meant to where we are today.

<Sigh>

For those who care about the history of the Internet, and routing and addressing. And protocols...

<https://tools.ietf.org/html/rfc2468>

Oct 16, 1998.

## Virgil, Franchesca

---

**From:** NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Wednesday, October 16, 2019 10:52 PM  
**To:** NANOG  
**Subject:** Its hard to believe that it has been 21 years...

Twenty-one years ago today, Jon Postel passed away in Santa Monica, CA.

Almost all of us get to do what we do today, because of his vision, guidance, and leadership. He is one of many giants on whose shoulders we stand today (some are still active here in NANOG), but he was the compass that guided most of us.

For those of you who are too young to recognize his name, or don't realize who that " J. Postel" is at the end of all of those RFCs you look at and quote:

<https://www.ietf.org/rfc/rfc2468.txt>

[https://en.wikipedia.org/wiki/Jon\\_Postel](https://en.wikipedia.org/wiki/Jon_Postel)

<https://www.internetsociety.org/grants-and-awards/postel-service-award/ten-year-tribute-jon-postel/>

/rlj

## Virgil, Franchesca

---

**From:** Antonakakis, Manos  
**Sent:** Sunday, September 24, 2017 10:54 PM  
**To:** Joffe, Rodney  
**Cc:** rjoffe@centergate.com  
**Subject:** Letter for HACCS  
**Attachments:** Clarification\_quote\_Neustar.doc

Rodney, per our discussion please find the letter attached. I think you can use this a good first draft and build upon it.

What I would like is the final version of this letter alongside a quote for your data.

Cheers,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

**Virgil, Franchesca**

---

**From:** [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>  
**Sent:** Thursday, December 8, 2016 11:52 AM  
**To:** Roberts, Kristen N; Rodney Joffe; Davis, Gabrielle S  
**Subject:** Neustar PO status

Hey Kristen,

Can you please relay to Rodney the status of the Neustar PO --- as we talked about it over the phone 5 minutes ago.

Rodney, I am very sorry for the delay.

Thanks,

Manos



## Virgil, Franchesca

---

**From:** Sinness, Mark B  
**Sent:** Thursday, December 15, 2016 4:55 PM  
**To:** john.hall@neustar.biz; rodney.joffe@neustar.biz  
**Subject:** Neustar Quote for Emmanouil Antonakakis  
**Attachments:** WEB FAR 52 Debarment.doc; WEB FAR 52 Lobbying.doc; Sole Source Template Form .doc

Rodney and John,

Per my phone conversation with Rodney, in order for me to process the PO of the above referenced quote, I will need you to complete some documentation for me. As you may know, DARPA is the funding source for this purchase, so I will need you complete the attached Federal Certifications. Also, pursuant to FAR 52.219-9 I will need you to forward onto me your Small Business Contracting Plan. In addition, I will need you to complete the attached sole source form (I know it doesn't really fit for this purchase, but bear with me) and the price reasonableness documentation requested in the form. Call with any questions.

Thanks for your assistance.

Mark Sinness  
Procurement Contracting Officer  
Georgia Institute of Technology  
711 Marietta St.  
Atlanta GA 30332-0300  
Phone 404 894 5007  
Fax 404 894 8552

## Virgil, Franchesca

---

**From:** NANOG <nanog-bounces@nanog.org> on behalf of Peter Lothberg <roll@Stupi.SE>  
**Sent:** Sunday, October 15, 2017 6:33 AM  
**To:** Rodney Joffe  
**Cc:** NANOG  
**Subject:** Re: 19 years ago today (Oct 16th, 1998) we lost our guide - Jon Postel - RFC2468

Abha...

<http://www.lothberg.org/cgi-bin/thumb?20010321/dscn6739.jpg>

--P

## Virgil, Franchesca

---

**From:** Noland, Yvonne  
**Sent:** Wednesday, August 3, 2016 10:31 AM  
**To:** Rodney.Joffe@neustar.biz  
**Cc:** Antonakakis, Emmanouil K; Cameron, Yolonda L  
**Subject:** PIA - Neustar Inc./Georgia Tech (NDA-4406)  
**Attachments:** Neustar Inc. (NDA-4406).docx

Good morning,

Our office is in receipt of a request to process a non-disclosure agreement between Georgia Tech and Neustar Inc. The standard Neustar Confidentiality Agreement provided to us contemplates a mutual exchange of confidential information. However, the GT point of contact for this matter has advised it is not anticipated GT will disclose any confidential/proprietary information for this effort.

As such, I have prepared and attached Georgia Tech's standard unilateral Proprietary Information Agreement for consideration by your contracts/legal department. If the document is satisfactory, please have it executed and return it to me. I will then have the document countersigned and return a copy to you for your files. If you would like to request any changes to the agreement, please utilize the "track changes" feature and return the edited version to me.

Sincerely,

**Yvonne Noland**

Legal Services Coordinator  
Georgia Institute of Technology  
Office of Legal Affairs  
Atlanta, GA 30332-0495  
Email: [Yvonne.Noland@legal.gatech.edu](mailto:Yvonne.Noland@legal.gatech.edu)  
Phone: 404-894-4812  
Fax: 404-894-3120

Please note that most communications to or from Georgia Tech employees are public records and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response to it may be subject to public disclosure.

## Virgil, Franchesca

---

**From:** Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Wednesday, June 6, 2018 4:16 PM  
**To:** David Dagon; Dagon, David S  
**Subject:** Please call me asap..

## Virgil, Franchesca

---

**From:** Antonakakis, Manos  
**Sent:** Friday, January 24, 2020 3:35 PM  
**To:** Christopher Schneck; Rodney Joffe  
**Cc:** Ian Crone  
**Subject:** Quick catch up with Neustar

Hey Chris,

As I explained in the DHS-related email I got the green light to use the NSR and PF data from Vic and Rodney. Rodney was asking about the long term plan for the Neustar data as far as the government is concerned. While I can answer this question from the lenses of GT and my private ventures I cannot answer this on behalf of the USG.

Perhaps, you (I know Ian is busy) can you get on call with Rodney and explain to him what the long term plan is?

Thanks!

Manos

## Virgil, Franchesca

---

**From:** NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Saturday, October 15, 2016 9:19 AM  
**To:** NANOG  
**Subject:** Re: 18 years ago today - rfc 2468

To be clear - Oct 16. Which has just tolled in the APAC region. For most of you it will be tomorrow. But no matter. You get the point.

> On Oct 15, 2016, at 9:08 AM, Rodney Joffe <rjoffe@centergate.com> wrote:

>

> How time flies....

## Virgil, Franchesca

---

**From:** [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>  
**Sent:** Thursday, October 20, 2016 1:11 PM  
**To:** Roberts, Kristen N; Joffe, Rodney  
**Cc:** Hall, John  
**Subject:** Re: Checking in on Neustar Contract

John, please talk with Rodney. He gets regular feedback from me.

Manos

On Thu, Oct 20, 2016 at 1:09 PM, Roberts, Kristen N <kristen.roberts@ece.gatech.edu> wrote:

> Hi John,

>

>

> We have not yet received the prime contract from DARPA, and I believe  
> they are finalizing the "costing" portion. We will send updates once  
> we hear from the GT Contracting Officer.

>

>

> Best,

>

> Kristen

>

>

>

> \_\_\_\_\_

>

> Kristen Roberts

>

> Grants Administrator, Sr.

>

> Georgia Institute of Technology

>

> School of Electrical & Computer Engineering

>

> 777 Atlantic Drive, Atlanta, GA 30332-0250

>

> Van Leer-Rm W236-A

>

> Ph: 404.385.6485

>

> Email: Kristen.roberts@ece.gatech.edu

>

>

>

> \_\_\_\_\_

> From: Hall, John <John.Hall@neustar.biz>

> Sent: Thursday, October 20, 2016 11:07 AM





## Virgil, Franchesca

---

**From:** Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Saturday, June 29, 2019 12:39 AM  
**To:** McConnell, Kirk (Armed Services)  
**Cc:** Antonakakis, Manos  
**Subject:** Re: connection for briefing on Enhanced Attribution

Jeez

What a piece of work! Glad you don't have any influence with DARPA's budget that Michael relies on.

Manos?

On Jun 29, 2019, at 12:31 AM, McConnell, Kirk (Armed Services) <[Kirk\\_McConnell@armed-services.senate.gov](mailto:Kirk_McConnell@armed-services.senate.gov)> wrote:

Well, Michael is quite a guy isn't he?

Sent from my iPhone

Begin forwarded message:

**From:** "Farrell, Michael" <[michael.farrell@iisp.gatech.edu](mailto:michael.farrell@iisp.gatech.edu)>  
**Date:** June 28, 2019 at 4:41:00 PM EDT  
**To:** "McConnell, Kirk (Armed Services)" <[Kirk\\_McConnell@armed-services.senate.gov](mailto:Kirk_McConnell@armed-services.senate.gov)>  
**Cc:** Ian Crone <[ian.crone@darpa.mil](mailto:ian.crone@darpa.mil)>, "lisa.heyes@darpa.mil" <[lisa.heyes@darpa.mil](mailto:lisa.heyes@darpa.mil)>  
**Subject:** **Re: connection for briefing on Enhanced Attribution**

Kirk,

Thanks for your interest in Georgia Tech research. However, we (GT) have no comment or position on the below. In fact, going forward please contact DARPA directly about any and all issues or questions or comments related to the enhanced attribution program. The DARPA congressional liaison and program manager are copied on this message and can respond, as needed. The Georgia Tech/GTRI PI and Co-PIs on this research program are not the appropriate POCs for any questions, comments, or concerns.

The government, not GT, makes decisions related to funding and transition from research at DARPA to other entities. The focus of Manos, myself and other Co-PIs is completely on doing impactful research. We follow contractual requirements and relevant policies for our part of this program (and GT is only one part), and devote our energy to 'creating the next' in cyber security.

Best,

Michael

On Jun 25, 2019, at 12:24, McConnell, Kirk (Armed Services) <[Kirk\\_McConnell@armed-services.senate.gov](mailto:Kirk_McConnell@armed-services.senate.gov)> wrote:

FYI. Andy is on the SAC-D staff. Andrew Pahutski from SCO is seeking approval from us on the Hill to shift some SCO money to Enhanced Attribution.

---

**From:** McConnell, Kirk (Armed Services)  
**Sent:** Tuesday, June 25, 2019 12:22 PM  
**To:** Heyes, Lisa ([lisa.hey@arpa.mil](mailto:lisa.hey@arpa.mil)) <[lisa.hey@arpa.mil](mailto:lisa.hey@arpa.mil)>;  
Vanlandingham, Andy (Appropriations)  
<[Andy\\_Vanlandingham@appro.senate.gov](mailto:Andy_Vanlandingham@appro.senate.gov)>  
**Subject:** connection for briefing on Enhanced Attribution

Lisa –

Andy Vanlandingham is interested in learning more about DARPA's Enhanced Attribution cybersecurity program. It turns out that a current SCO program manager whom we know well is moving over to Cyber Command to help with the transition of this DARPA program to CYBERCOM. Thanks, Kirk

## Virgil, Franchesca

---

**From:** Roberts, Kristen N  
**Sent:** Wednesday, August 10, 2016 8:28 AM  
**To:** Antonakakis, Manos; Joffe, Rodney  
**Subject:** Re: DARPA - EA Sub: Neustar

Hi Manos,

Thank you for the kind introduction.

Rodney, it is a pleasure to meet you and congratulations on this grand award! I am working with our contracting specialist to confirm which forms are needed to have Neustar set-up efficiently for the start of this project. I will do my best to have the subaward paperwork and PO entered by 9/30, but please note this timeline is dependent upon execution of the main project from DARPA in OSP.

I look forward to working with you on this project. Please let me know if you need any additional information.

Best,  
Kristen

---

Kristen Roberts  
Financial Administrator III  
Georgia Institute of Technology  
School of Electrical & Computer Engineering  
266 Ferst Drive, Atlanta, GA 30332-0250  
KACB-Rm 3352  
Ph: 404.385.6485  
Email: Kristen.roberts@ece.gatech.edu

---

**From:** [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>  
**Sent:** Wednesday, August 10, 2016 7:56 AM  
**To:** Roberts, Kristen N; Joffe, Rodney  
**Subject:** DARPA - EA Sub: Neustar  
Hey Kristen,

Please meet Rodney. Rodney, Kristen is my great financial admin.

Kristen, Rodney can help you with all necessary details you might need for OSP.

For Neustar, will have the following yearly breakdown:

Y1: \$1M  
Y2: \$300K  
Y3: \$250K  
Y4: \$250K

Y5: \$125K

The SOW have been structured in such away that will reflect this distribution of funds. One special thing with Neustar is the following. It would be ideal if we can have a PO from them by 30th of September. This is something that we should try very hard to do.

Rodney, please help Kristen with any information she might need from Neustar in order to have you formally in the GT systems as a vendor.

Cheers,

Manos

## Virgil, Franchesca

---

**From:** Rodney Joffe <rodney.joffe@neustar.biz>  
**Sent:** Saturday, November 19, 2016 12:06 PM  
**To:** Antonakakis, Manos  
**Cc:** David Dagon; Farrell, Michael D; Beyah, Raheem A; Fabian Monroe  
**Subject:** Re: DARPA Team Dinner

I know and am ok with all 3.

> On Nov 19, 2016, at 10:40 AM, Manos Antonakakis <manos@gatech.edu> wrote:

>

> Regarding places that are good enough, likely have room for the team

> and close by DARPA/hotel, we have the following options:

>

> - P.F. Chang's (Chinese Restaurant)

> - Uncle Julio's (Mexican Restaurant)

> - Zoës Kitchen (Mediterranean Restaurant)

>

> I can make the reservations Monday, so let me know what you prefer. We

> are looking for dinner time to be 19.30.

>

> Thanks,

>

> Manos

>

>> On Sat, Nov 19, 2016 at 9:44 AM, Manos Antonakakis <manos@gatech.edu> wrote:

>> Gents,

>>

>> You (and members of your teams?) will come out to the kick off

>> meeting. Can you please confirm that you (and your team?) will be

>> available for a Monday dinner? I will try to get us a place walking

>> distance from DARPA and the Hilton hotel (where most of us will be

>> staying).

>>

>> Thanks,

>>

>> Manos

## Virgil, Franchesca

---

**From:** [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>  
**Sent:** Wednesday, September 21, 2016 10:42 AM  
**To:** Farrell, Michael D; Fabian Monrose; Simon Forster; Rodney Joffe; Tim Chen; dan@klondikedata.com  
**Cc:** David Dagon; Roberts, Kristen N  
**Subject:** Re: DARPA-16-34-EA-FP-023 --- Status Update

Folks,

We have some very minor budget discrepancies and budget formatting request that will be coming your way. The government wants you to send to them directly your budgets. Now, your data will still be in GT under my control, however, that is the way the contract will be negotiated.

Now, I will be following up individually with each one of you, with detailed instructions of what you need to revise in your quotes so we can make the process move faster and smother. When possible, I will include templates so I can make your life easier.

If you have any issues, Kristen, Dave and I are here to help.

This is a heads up.

Manos

On Tue, Sep 20, 2016 at 3:29 PM, Manos Antonakakis <manos@gatech.edu> wrote:

> Folks,  
>  
> Happy to report that contract negotiations have began. Stay tuned for  
> more information and action items.  
>  
> Cheers,  
>  
> Manos

## Virgil, Franchesca

---

**From:** Antonakakis, Manos  
**Sent:** Friday, October 27, 2017 7:15 PM  
**To:** Rodney Joffe  
**Subject:** Re: Fwd: PF access  
**Attachments:** ATT00001; msg.asc

## Virgil, Franchesca

---

**From:** Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Friday, April 13, 2018 11:50 AM  
**To:** [REDACTED]  
**Subject:** Re: Intros

Hey Scott,

Good to meet you via Manos (moved to bcc).

Let me know when and where ;-)

Regards  
Rodney

> On Apr 13, 2018, at 11:03 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Scott please meet Rodney. Rodney, please meet Scott. You two are local, and I think you should get together for lunch or dinner.

>

> Thanks, Manos

>

> ---

> Typos due to mobile device ...



## Virgil, Franchesca

---

**From:** Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Wednesday, September 7, 2016 9:00 PM  
**To:** [REDACTED]  
**Cc:** Manos Antonakakis  
**Subject:** Re: Submission of Active DNS RAID paper to student competition conference

Hello [REDACTED]

Happy for you to do whatever you want related to this :-)

You have my approval.

Thanks  
Rodney

> On Sep 6, 2016, at 3:26 PM, [REDACTED] wrote:

>

> Hello Rodney,

>

> I would like to let you know that I am planning to submit the Active DNS paper to a student competition focused on cyber security awareness.

> You can find out more about the event here:

> <https://csaw.engineering.nyu.edu> More about the published work

> competition here: <https://csaw.engineering.nyu.edu/research>

>

> Since you are one of the authors I would like to know if submitting the paper there, would be ok with you as your name will also be in the paper.

>

> We will submit the exact same version that was submitted to RAID.

> The event is mostly about awareness and promotion of student publications in the cyber security space, and it is only accepting already published papers. That's why we will be submitting the same version that was accepted to RAID 2016.

> I would like to thank you again about your contribution to the paper and your collaboration. It has been very valuable to me as a new student.

>

> [REDACTED]

## Virgil, Franchesca

---

**From:** NANOG <nanog-bounces@nanog.org> on behalf of Suzanne Woolf [REDACTED] >  
**Sent:** Monday, October 15, 2018 10:11 PM  
**To:** Rodney Joffe  
**Cc:** NANOG  
**Subject:** Re: It's been 20 years today (Oct 16, UTC). Hard to believe.

> On Oct 15, 2018, at 10:00 PM, Rodney Joffe <rjoffe@centergate.com> wrote:

>

> At NANOG two weeks ago, we had an interesting discussion at one of the lunch tables. One of the subjects we discussed was the original IANA, and RFC Editor, Jon Postel.

>

> Seven of the ten people at the table had never heard of him. Maybe these days it no longer matters who he was, and what he meant to where we are today.

>

> <Sigh>

>

> For those who care about the history of the Internet, and routing and addressing. And protocols...

And the principles that make it “the Internet”, not just “some internets.”

>

> <https://tools.ietf.org/html/rfc2468>

>

Suzanne

## Virgil, Franchesca

---

**From:** Joffe, Rodney <Rodney.Joffe@neustar.biz>  
**Sent:** Thursday, December 1, 2016 8:29 AM  
**To:** Roberts, Kristen N  
**Cc:** Hall, John; Hayman, Denise; Antonakakis, Emmanouil K  
**Subject:** Re: Neustar Data

Hello Kristen,

Great news. Thank you. We'll be standing by.

Regards  
Rodney

On Dec 1, 2016, at 8:20 AM, Roberts, Kristen N <[kristen.roberts@ece.gatech.edu](mailto:kristen.roberts@ece.gatech.edu)> wrote:

Good morning,

We received our internal project number yesterday afternoon and I am initiating the sub-agreement request this morning. You should hear from our contracting officer by Monday afternoon and I will ask that she expedite the process.

Best,  
Kristen

---

Kristen Roberts  
Grants Administrator, Sr.  
Georgia Institute of Technology  
School of Electrical & Computer Engineering  
777 Atlantic Drive, Atlanta, GA 30332-0250  
Van Leer-Rm W236-A  
Ph: 404.385.6485  
Email: [Kristen.roberts@ece.gatech.edu](mailto:Kristen.roberts@ece.gatech.edu)

---

**From:** [REDACTED] on behalf of Manos Antonakakis  
<[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Sent:** Wednesday, November 23, 2016 8:07 AM  
**To:** Roberts, Kristen N  
**Cc:** Hall, John; Hayman, Denise; Joffe, Rodney  
**Subject:** Re: Neustar Data

John, the account number will be set up soon, and we will reach out. No need to sent any more email or call anyone. Rodney is fully aware that this is in the top of my queue.

Again, when you reach out to GT, you need to include me and Rodney in your communication.

Manos

On Wed, Nov 23, 2016 at 8:03 AM, Roberts, Kristen N <[kristen.roberts@ece.gatech.edu](mailto:kristen.roberts@ece.gatech.edu)> wrote:

Hi John,

There's not much news at this point. I believe our contracting office signed the prime agreement on 11/17, but I have not received notice of the new project. Once I am able to enter sub-agreements on our end, our Contracting Officer will discuss any necessary language changes needed for Neustar. I suspect we'll get the ball rolling early next week. Yours is first on the list. <OutlookEmoji-😊.png>

Happy Thanksgiving!  
Kristen

---

Kristen Roberts  
Grants Administrator, Sr.  
Georgia Institute of Technology  
School of Electrical & Computer Engineering  
777 Atlantic Drive, Atlanta, GA 30332-0250  
Van Leer-Rm W236-A  
Ph: 404.385.6485  
Email: [Kristen.roberts@ece.gatech.edu](mailto:Kristen.roberts@ece.gatech.edu)

---

**From:** Hall, John <[John.Hall@neustar.biz](mailto:John.Hall@neustar.biz)>  
**Sent:** Tuesday, November 22, 2016 2:06 PM  
**To:** Roberts, Kristen N  
**Cc:** Hayman, Denise  
**Subject:** Neustar Data

Hi Kristen, Just a note to followup on the voicemail I just left you. I understand, from Rodney, that you are moving forward with your contracting process. It occurs to me that we have not spoken since I sent the updated quote with minor language updates. I'd love to catch up on a call at your earliest convenience to help with any of the business aspects of this project.

I'll be available – even throughout the holiday.

Have a great Thanksgiving if we don't get an opportunity to speak before.

VR

**John W Hall**

**Neustar, Inc.** / Sr. Director – Federal Business  
[ T ] (571) 246-2407 [ E ] [john.hall@neustar.biz](mailto:john.hall@neustar.biz)

---

The information contained in this e-mail message is intended only for the use of the recipient(s) named above and may contain confidential and/or privileged information. If you are not the intended recipient you have received this e-mail message in error and any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately and delete the original message

---

## Virgil, Franchesca

---

**From:** [REDACTED] on behalf of Manos Antonakakis <manos@gatech.edu>  
**Sent:** Friday, November 11, 2016 4:47 PM  
**To:** Roberts, Kristen N; Joffe, Rodney  
**Cc:** Hall, John  
**Subject:** Re: Neustar Proposal Language

Lets keep me and Rodney always in this loop.

Thanks,

Manos

On Fri, Nov 11, 2016 at 4:20 PM, Roberts, Kristen N <kristen.roberts@ece.gatech.edu> wrote:

> Thanks, John. The contract is still in the negotiating stage but we  
> are  
> (hopefully) very near the finish line.

>

>

> Best,

>

> Kristen

>

>

> \_\_\_\_\_

>

> Kristen Roberts

>

> Grants Administrator, Sr.

>

> Georgia Institute of Technology

>

> School of Electrical & Computer Engineering

>

> 777 Atlantic Drive, Atlanta, GA 30332-0250

>

> Van Leer-Rm W236-A

>

> Ph: 404.385.6485

>

> Email: Kristen.roberts@ece.gatech.edu

>

>

>

> \_\_\_\_\_

> From: Hall, John <John.Hall@neustar.biz>

> Sent: Friday, November 11, 2016 4:09 PM

> To: Roberts, Kristen N

> Cc: Hall, John

> Subject: Re: Neustar Proposal Language

>

> Hi Kristen, Here's the updated quote with a little additional clarity

> on the terms. You'll notice that I left the "program id" section

> blank – I'll update that when you're able to provide it to me, or we

> can just call it "DARPA".

>

> Let m know if you have any questions or concerns.

>

> VR

>

> John W Hall

>

> Neustar, Inc. / Sr. Director – Federal Business

>

> [ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

>

>

> \_\_\_\_\_

>

>

>

> The information contained in this e-mail message is intended only for

> the use of the recipient(s) named above and may contain

>

> confidential and/or privileged information. If you are not the

> intended recipient you have received this e-mail message in error

>

> and any review, dissemination, distribution, or copying of this

> message is strictly prohibited. If you have received this

>

> communication in error, please notify us immediately and delete the

> original message

>

> \_\_\_\_\_

>

>

>

>

>

>

>

>

>

>

> From: John Hall <john.hall@neustar.biz>

> Date: Thursday, November 10, 2016 at 1:30 PM

> To: "Roberts, Kristen N" <kristen.roberts@ece.gatech.edu>

> Subject: Neustar Proposal Language

>

> Hi Kristen,

> Im getting word from Denise Hayman and Rodney Joffee that you guys are

> making progress and getting close to being able to issue award. As  
> per our last phone discussion, I am working with Neustar legal to  
> provide language that will meet your organizations use case and  
> support our need for some sort of user license controls. I'm planning  
> on sending you a new rev of our proposal with the addition of this  
> language, but am missing the DARPA program # or other identifier.  
>  
> Can you tell me what the contract # is or provide name or other unique id?  
> Once I get this from you – I will send over the changes.  
>  
> Let me know if you have any questions or concerns.  
>  
>  
> John W Hall  
>  
> Neustar, Inc. / Sr. Director – Federal Business  
>  
> [ T ] (571) 246-2407 [ E ] john.hall@neustar.biz  
>  
> \_\_\_\_\_  
> \_\_\_\_\_  
>  
>  
>  
> The information contained in this e-mail message is intended only for  
> the use of the recipient(s) named above and may contain  
>  
> confidential and/or privileged information. If you are not the  
> intended recipient you have received this e-mail message in error  
>  
> and any review, dissemination, distribution, or copying of this  
> message is strictly prohibited. If you have received this  
>  
> communication in error, please notify us immediately and delete the  
> original message  
>  
> \_\_\_\_\_  
>  
>  
>  
>  
>  
>  
>  
>  
>  
>



## Virgil, Franchesca

---

**From:** Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Tuesday, April 24, 2018 11:26 PM  
**To:** Antonakakis, Manos  
**Subject:** You still up?

## Virgil, Franchesca

---

**From:** Antonakakis, Manos  
**Sent:** Wednesday, April 25, 2018 9:49 AM  
**To:** Rodney Joffe  
**Subject:** Re: You still up?

Sorry, just saw the email. I am on a deadline for a few DARPA stuff.

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Rodney Joffe <rjoffe@centergate.com>  
Sent: Tuesday, April 24, 2018 11:25:31 PM  
To: Antonakakis, Manos  
Subject: You still up?

## Virgil, Franchesca

---

**From:** data=dissectcyber.com@mailserver.m3aawg.org on behalf of April Lorenzen  
<data@dissectcyber.com>  
**Sent:** Sunday, December 2, 2018 9:23 AM  
**To:** Antonakakis, Manos  
**Subject:** Request to join Academic Committee

Dear Committee Chair,

The following M3AAWG member has requested membership in the Academic Committee.

**First Name:** April  
**Last Name:** Lorenzen  
**Company:** M3AAWG Senior Technical Advisor

To approve or deny membership in this committee, click [here](#).

M3AAWG Staff

=====  
You are receiving this email because you are a member of M3AAWG. This email is confidential under the membership agreement and can be shared only with members. You can unsubscribe yourself from a committee list by logging as a member into the M3AAWG website ([www.m3aawg.org](http://www.m3aawg.org)) and then deleting yourself from the committee or by emailing the committee chairs. To be removed from general M3AAWG announcements, please send an email to [webmaster@members.maawg.org](mailto:webmaster@members.maawg.org).

M3AAWG, 781 Beach Street, Suite 302, San Francisco, California 94109 U.S.A.

## Virgil, Franchesca

---

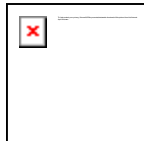
**From:** April Lorenzen via LinkedIn <invitations@linkedin.com>  
**Sent:** Sunday, August 12, 2018 3:51 PM  
**To:** O'Brien, Kevin F  
**Subject:** See April's connections, activity and experience



Kevin O'Brien



April Lorenzen has accepted your invitation. Let's start a conversation.



### April Lorenzen

Chief Data Scientist at ZETAlytics  
Providence, Rhode Island Area

Message

View profile

### People you may know



#### Brittany Powell

Project Development and Engineering Intern at Siemens...

+ Connect



#### Karima Alkhalid

Industrial Engineering Major & Social Justice Minor

+ Connect



#### Sara Piche

Advertising Student at the University of Georgia with...

+ Connect

See more

[Unsubscribe](#) | [Help](#)

You are receiving Accepted Invitation emails.

This email was intended for Kevin O'Brien (Technical Assistant at College of Computing Georgia Tech). [Learn why we included this.](#)



© 2018 LinkedIn Corporation, 1000 West Maude Avenue, Sunnyvale, CA 94085.  
LinkedIn and the LinkedIn logo are registered trademarks of LinkedIn.



## Virgil, Franchesca

---

**From:** NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Wednesday, March 25, 2020 4:14 PM  
**To:** NANOG  
**Subject:** Shining a light on ambulance chasers - Noction

Under the heading of sales spam from our community that is in even poorer taste, and sucks:

Begin forwarded message:

> From: Josh Ankin <jankin@noction.com>  
> Subject: BGP Management  
> Date: March 25, 2020 at 3:39:02 PM EDT  
> To: rjoffe@centergate.com  
> Reply-To: jankin@noction.com  
>  
> Hello Rodney,  
>  
> I know things are pretty hectic right now with COVID-19 precautions being taken everywhere. I hope it's not affecting your team too much, and most importantly, I hope everyone is safe.  
>  
> In recent months, I've been trying to bring your attention to BGP optimization. However, our solution's other notable features can be of utmost value at these uncertain times as the Internet traffic volumes and patterns change

Etc Etc

## Virgil, Franchesca

---

**From:** Antonakakis, Manos  
**Sent:** Tuesday, January 7, 2020 8:22 AM  
**To:** Rodney Joffe  
**Subject:** Some advice

<https://twitter.com/CISAKrebs/status/1214398302663446530?s=20>

Rodney, I know you are friends with Chris, so as a friend I would suggest you make him aware of the following.

The MITRE ATT&CK framework is in essence a collection of attack signatures. It is embarrassing for major US authorities like Chris to come out in public and say that Iran will be using attack methods that have not only been identified historically from US analysts, but they are also available to be seen in the public domain.

That is, if the Iranians are truly trying to do something sophisticated, by definition, will be different than what they have done in the past. Therefore, looking at the MITRE framework for \*detection and remediation\* is effectively and practically useless.

While I did not comment on his comment, in various private lists/channels I am serious technical people are making fun of these recommendations.

Again, this is a heads up you should give him as a friend.

--

Manos Antonakakis | Associate Professor | [manos@gatech.edu](mailto:manos@gatech.edu) School of Electrical and Computer Engineering Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

## Virgil, Franchesca

---

**From:** Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Wednesday, March 17, 2021 8:20 PM  
**To:** Antonakakis, Manos  
**Subject:** Surprise!  
**Attachments:** Stavros-W.png.gpg



## Virgil, Franchesca

---

**From:** NANOG <nanog-bounces@nanog.org> on behalf of Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Tuesday, June 13, 2017 9:00 AM  
**To:** NANOG  
**Subject:** Vendors spamming NANOG attendees

It seems that more than just a few of us were spammed by Glenn Stern (gstern@calient.net), an employee of Calient following NANOG 70.

The spammer had the balls to say, in his email:

>  
> We do not know each other. I'm leveraging the attendee list for NANOG to reach out and raise awareness of the value of OCS (Optical Circuit Switching) in the data center and in particular, the Carrier Neutral Hotel where we've been active with next generation MeetMeRoom discussions.

He does not show as an attendee at NANOG, but another executive, David Altstaetter, daltstaetter@calient.net did register, and may have even shown up. Hopefully those of you who have traditional community attitudes will show your reaction via your pocketbooks.

Maybe its time for the NANOG board and staff to step in, and develop some teeth to use in cases like these? Unless the majority of you members are cool with unfettered spamming of member and attendee lists. In which case, have at it!

Rodney

## Virgil, Franchesca

---

**From:** anti-s@ncfta.net on behalf of Rodney Joffe via anti-s <anti-s@ncfta.net>  
**Sent:** Thursday, January 31, 2019 11:16 PM  
**To:** anti-s@ncfta.net  
**Cc:** Rodney Joffe  
**Subject:** [anti-s] Canadian Regulator contact

Hi folks,

Can anyone here point me to an effective contact to handle a blatant Canadian spammer. The spammer is real, has real contact info (spammer owns and is pimping a Lodge in Winnipeg) and is open about spamming.

I already sent one copy to a contact but had no response and we're still seeing small numbers of spam. This one looks like a perfect one for the regulators to get physical hands on...

Thanks  
Rodney

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

## Virgil, Franchesca

---

**From:** anti-s@ncfta.net on behalf of Rodney Joffe via anti-s <anti-s@ncfta.net>  
**Sent:** Monday, April 1, 2019 1:29 PM  
**To:** anti-s@ncfta.net  
**Cc:** Rodney Joffe  
**Subject:** [anti-s] Seeking FBI cyber agent who would be in the Field Office covering Polk County, Florida.  
**Attachments:** signature.asc

Please reply off-list to avoid noise (although I know this request is generally glossed over, sigh ;-))

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

## Virgil, Franchesca

---

**From:** baseball-bounces@centergate.com on behalf of Alexander Dupuy <alexdupuy@google.com>  
**Sent:** Thursday, April 19, 2018 10:02 PM  
**To:** Rodney Joffe; Puneet Sood  
**Cc:** baseball@centergate.com  
**Subject:** [DNS Inside Baseball 2017] Nominations

My colleague Puneet Sood <[puneets@google.com](mailto:puneets@google.com)>, who attended the meeting in San Francisco last October, would like to attend again this year (if possible, depending on date and location). I recall asking during the meeting about adding him to this list, but it seems to have somewhat slipped through the cracks and it didn't happen. At any rate, if there are no objections, I hope it would be possible to add him to this mailing list.

I supported the nomination after last year's meeting to add Brian Hartvigsen from OpenDNS, and was glad to see that either he or someone else from OpenDNS/Umbrella is likely to attend this year's event. Since last year's meeting there have been several new entrants in the public resolver area. CloudFlare is already represented, but I would also suggest that we invite someone from Quad9 as well; John Todd <[jtodd@quad9.net](mailto:jtodd@quad9.net)> would be the most likely choice.

---

Alexander Dupuy | Software Engineer | [alexdupuy@google.com](mailto:alexdupuy@google.com) | +1 646-462-3568

## Virgil, Franchesca

---

**From:** anti-s@ncfta.net on behalf of Rodney Joffe via anti-s <anti-s@ncfta.net>  
**Sent:** Thursday, September 19, 2019 1:28 AM  
**To:** anti-s@ncfta.net  
**Cc:** Rodney Joffe  
**Subject:** [anti-s] Any from Australian Federal Police around theses days?

I haven't seen a roster in a while so checking directly..

Rodney

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, January 9, 2018 9:14:04 PM  
To: Demar, Jeremy <jdemar3@gatech.edu>; DeJong, Steve <Steve.DeJong@team.neustar>  
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>; Roosenraad, Chris <Chris.Roosenraad@team.neustar>  
Subject: Re: Historic data

Guys, I need the TDL and SLD data shipped as agreed upon. It has been months since we transition from the Internet2 link to the slower connection and promised have been made that the data will be arriving soon at GT. This was the only reason I agreed to move to the slower link.

What is going on? Why Nuestar is exposing me in such a way in the event of an audit from AFRL?

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4DFD 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Demar, Jeremy  
Sent: Tuesday, January 9, 2018 3:44:34 PM  
To: DeJong, Steve  
Cc: Antonakakis, Manos  
Subject: Re: Historic data

Steve,

Any update on this? I was hoping to have a plan in place early this month.

Thanks,  
Jeremy

On 01/04/2018 07:01 AM, Jeremy Demar wrote:

> Steve,  
>  
> I sent this to you over the holidays and was planning to follow up next  
> week if I hadn't heard anything. Manos mentioned the "snikernet" for  
> historic data in the email about the data processing backlog.  
>  
> Do you have any idea what the timeline for starting this looks like?  
>  
> Thanks,  
> Jeremy  
>  
> On 12/14/2017 09:14 AM, Jeremy Demar wrote:  
>> Steve,  
>>  
>> With the end of year approaching we are going over all of our data  
>> partners and working on our plans for the near future.  
>>  
>> One of the open questions we have with Neustar is the plans for the  
>> historic data. Manos has indicated that he has discussed the  
>> possibility of Neustar shipping the historic data (Recursive, TLD, and  
>> SLD) to Georgia Tech on hardware, or send it via "sneakernet" as Manos  
>> is fond of saying.

>>

>> I was hoping that we could discuss and agree on a timeline for this  
>> happening. If you would like to setup a call or discuss this on slack  
>> or some other method just let me know.

>>

>> Thank you,  
>> Jeremy Demar

>>

From: Manos Antonakakis <manos@gatech.edu>  
Sent on: Friday, March 16, 2018 3:31:29 AM  
To: Angelos D. Keromytis [REDACTED] >  
Subject: Re: hmm  
Attachments: ATT00001 (12 Bytes), msg.asc (2.73 KB)



From: Manos Antonakakis <manos@gatech.edu>  
Sent on: Friday, March 16, 2018 3:15:30 AM  
To: Angelos D. Keromytis [REDACTED]  
Subject: Re: hmm  
Attachments: ATT00001 (12 Bytes), msg.asc (3.5 KB)

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Friday, March 16, 2018 3:10:45 AM

To: Angelos D. Keromytis [REDACTED]

Subject: Re: hmm

Attachments: ATT00001 (12 Bytes), msg.asc (2.57 KB)

From: Angelos D. Keromytis <[REDACTED]>

Sent on: Friday, March 16, 2018 3:09:51 AM

To: Manos Antonakakis <manos@gatech.edu>

Subject: Re: hmm

Attachments: PGP/MIME Versions Identification (12 Bytes), encrypted.asc (3.29 KB)

From: Manos Antonakakis <manos@gatech.edu>  
Sent on: Friday, March 16, 2018 3:09:01 AM  
To: Angelos D. Keromytis [REDACTED] >  
Subject: Re: hmm  
Attachments: ATT00001 (12 Bytes), msg.asc (2.73 KB)

From: Angelos D. Keromytis <[REDACTED]>

Sent on: Friday, March 16, 2018 3:06:14 AM

To: Manos Antonakakis <manos@gatech.edu>

Subject: Re: hmm

Attachments: PGP/MIME Versions Identification (12 Bytes), encrypted.asc (3.66 KB)

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Friday, March 16, 2018 3:01:41 AM

To: Angelos D. Keromytis [REDACTED]

Subject: Re: hmm

Attachments: ATT00001 (12 Bytes), msg.asc (2.99 KB)

From: Angelos D. Keromytis <[REDACTED]>

Sent on: Friday, March 16, 2018 2:58:32 AM

To: Manos Antonakakis <manos@gatech.edu>

Subject: Re: hmm

Attachments: PGP/MIME Versions Identification (12 Bytes), encrypted.asc (3.92 KB)

From: Manos Antonakakis <manos@gatech.edu>  
Sent on: Friday, March 16, 2018 2:55:23 AM  
To: Angelos D. Keromytis <[REDACTED]>  
Subject: Re: hmm  
Attachments: ATT00001 (12 Bytes), msg.asc (3.16 KB)



From: Angelos D. Keromytis <angelos@keromytis.com>

Sent on: Friday, March 16, 2018 3:33:03 AM

To: Manos Antonakakis <manos@gatech.edu>

Subject: Re: hmm

Attachments: PGP/MIME Versions Identification (12 Bytes), encrypted.asc (3.25 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, April 18, 2018 7:44:01 PM  
To: Smith, Jonathan <jonathan.smith@darpa.mil>  
CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: I'll be available after 5PM.

Sorry, JMS. Just saw your email. I will be available all evening.

Please note that tomorrow I will go in for the extraction of my wisdom teeth. I am not sure when and in what condition I will be after this.

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Smith, Jonathan <jonathan.smith@darpa.mil>  
Sent: Wednesday, April 18, 2018 2:24:23 PM  
To: Antonakakis, Manos  
Cc: Keromytis, Angelos  
Subject: I'll be available after 5PM.

-JMS

Jonathan M. Smith  
Jonathan.Smith@darpa.mil  
T: 703.526.4176; C: 571.481.7228

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Thursday, April 26, 2018 3:08:11 AM

To: Antonakakis, Manos <manos@gatech.edu>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Thursday, April 26, 2018 3:08:11 AM

Subject: Re: Info

Attachments: Nameless.txt (13.14 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Sunday, January 28, 2018 5:51:35 PM  
To: Konstantinos Karakatsanis <[REDACTED]>; Kintis, Panagiotis <kintis@gatech.edu>  
CC: Angelos D. Keromytis <[REDACTED]>  
Subject: Re: Interest for PhD position

Pano, make some time to chat with Konstantino. He wants to know how is the PhD life in the states (and more particularly in ATL).

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Sunday, January 28, 2018 10:50 AM  
To: Konstantinos Karakatsanis; Angelos D. Keromytis  
Subject: Re: Interest for PhD position

Konstantine, can you give me a quick skype call [REDACTED]?

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Konstantinos Karakatsanis <[REDACTED]>  
Sent: Sunday, January 28, 2018 10:38:37 AM  
To: Angelos D. Keromytis; Antonakakis, Manos  
Subject: Interest for PhD position

Dear Prof. Keromytis and Prof. Antonakakis,

I am Konstantinos Karakatsanis and I am writing to you because I am interested in the PhD in Electrical and Computer Engineering program of the ECE school at Georgia Tech and I would like to be co-advised by both of you as I feel that my research interests fit your research areas. More specifically, I am interested in Software Engineering and how to build secure and reliable software systems. In addition, in our days where big data and social media overwhelm us, I am very interested in how to protect these data and people's privacy. Finally, I am interested in internet of vehicles' (IoV) security and privacy, which is more crucial than ever with the advent of autonomous cars.

I have completed my undergraduate studies at the Department of Management Science and Technology (DMST) of the Athens University of Economics and Business (AUEB). During my studies, I specialized in "Operations Research & Management Science" (major) and in "Information Systems & Technologies" (minor) and upon completion of my studies, I ranked 2nd among a graduate class of 51 students (top 4%), with GPA 8.64/10. Until now, I had the opportunity, to work in both the academic and the business environment. Within the academia, I have done research in the fields of Computer Science, Economics and E-Commerce, and I have experience as teaching assistant. Some significant contributions I had during my studies were my contribution to NetworkX <<https://github.com/Overriders/networkx>>, which won the Best

Work Award for the course "Advanced Topics in Software Engineering", and my contribution to web-bus <<https://github.com/theosotr/web-bus>>, which was presented by me in the 2015 DMST Student Conference. In the business environment, I have worked for about one and a half year at Money Market S.A., where I created and run effectively the startup company energy-market.gr <<http://energy-market.gr/>>.

I attach to you a short resume of mine.

At your disposal for any additional information or clarification.

Yours sincerely,  
Konstantinos Karakatsanis

<https://ipmcdn.avast.com/images/icons/icon-envelope-tick-round-orange-animated-no-repeat-v1.gif> <[https://www.avast.com/sig-email?utm\\_medium=email&utm\\_source=link&utm\\_campaign=sig-email&utm\\_content=webmail&utm\\_term=icon](https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=webmail&utm_term=icon)> Virus-free. www.avast.com <[https://www.avast.com/sig-email?utm\\_medium=email&utm\\_source=link&utm\\_campaign=sig-email&utm\\_content=webmail&utm\\_term=link](https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=webmail&utm_term=link)>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, February 1, 2018 8:20:20 PM  
To: Angelos D. Keromytis [REDACTED] >  
Subject: Re: Interest for PhD position

Yup. Safe flights.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Angelos D. Keromytis [REDACTED]  
Sent: Thursday, February 1, 2018 3:19:39 PM  
To: Antonakakis, Manos  
Subject: Re: Interest for PhD position

I'm about to get on a plane. I'll try you tomorrow?

> On Feb 1, 2018, at 15:05, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> Arxige, gia give me a call to chat about this for 5 minutes. Panos talked to him and there are some red flags.

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> From: Konstantinos Karakatsanis <[REDACTED]>  
> Sent: Tuesday, January 30, 2018 2:19 AM  
> To: Kintis, Panagiotis  
> Cc: Antonakakis, Manos; Angelos D. Keromytis  
> Subject: Re: Interest for PhD position

> Hello Panagioti,

> We may chat over signal. My number is [REDACTED]

> Στις 29 Ιαν 2018 17:02, ο χρήστης "Kintis, Panagiotis" <kintis@gatech.edu<mailto:kintis@gatech.edu>> έγραψε:  
> Sure, no problem. I can figure something out! Let me know and we can talk then. By the way, if it's easier for you to chat over Viber, What's App, Telegram, Signal, etc I'm available at [REDACTED]

> Thank you,

> Panagiotis (Panos), Kintis.  
> <http://about.me/kintis>  
> kintis@gatech.edu<mailto:kintis@gatech.edu>

> P Think before you print!

> On Jan 29, 2018, at 09:28, Konstantinos Karakatsanis <[REDACTED]>

wrote:

>

> Nice to meet you too Panagioti,

>

> I am in the army, so I do not have a fixed schedule. I believe that we could talk one of the days you proposed between 20:00 and 22:00 (UTC+02:00, Greek time). I will be sure for the exact time and my availability on the same day around 15:00 (UTC+02:00 Greek time). May I notify you at this time or is it too late?

>

> My skype name is dinoskarakas.

>

> Yours sincerely,

> Konstantinos Karakatsanis

>

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Wednesday, August 16, 2017 11:14:19 PM  
**To:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**CC:** mikef@kududyn.com; Patel, Tejas (contr-i2o)<tejas.patel.ctr@darpa.mil>  
**Subject:** Re: interesting article

Ground truth in attribution exercises is rare but very welcome information.

---

Typos due to mobile device ...

On Aug 16, 2017, at 17:39, Keromytis, Angelos <[angelos.keromytis@darpa.mil](mailto:angelos.keromytis@darpa.mil)> wrote:

<https://mobile.nytimes.com/2017/08/16/world/europe/russia-ukraine-malware-hacking-witness.html?>



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, November 2, 2017 6:49:48 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
Subject: Re: interesting article  
Attachments: EA.gif (1.88 MB)

This gif summarizes what we are capable of doing!

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent: Thursday, November 2, 2017 1:45:20 PM  
To: Antonakakis, Manos  
Cc: Patel, Tejas (contr-i2o)  
Subject: interesting article

<https://www.washingtonpost.com/news/the-switch/wp/2017/11/02/what-is-giwi-and-how-is-it-related-to-russian-election-ads/>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Friday, July 14, 2017 3:32:31 PM

To: Antonakakis, Emmanouil K <manos@gatech.edu>

CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Friday, July 14, 2017 3:32:31 PM

Subject: Re: Interesting Attribution Test

Attachments: Nameless.txt (2.15 KB)

**From:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**Sent on:** Sunday, April 29, 2018 3:07:23 PM  
**To:** Tejas Patel<tejas@kududyn.com>  
**CC:** Antonakakis, Manos<manos@gatech.edu>; Schneck, Christopher (contr-i2o)<christopher.schneck.ctr@darpa.mil>  
**Signed by:** KEROMYTIS.ANGELOS.D.1501999799 on Sunday, April 29, 2018 3:07:22 PM  
**Subject:** Re: Interesting talk  
**Attachments:** Nameless.txt (1.09 KB)

Yes, I did say "as far as EA is concerned".

On Apr 29, 2018, at 10:27, Tejas Patel <[tejas@kududyn.com](mailto:tejas@kududyn.com)> wrote:

He does make a comment about "unless you are at one of the three letter agencies down the road..."

I see him looking at it from the perspective of what his company can do that is meaningful (i.e. Charge customers).

Get [Outlook for iOS](#)

**From:** Keromytis, Angelos <[angelos.keromytis@darpa.mil](mailto:angelos.keromytis@darpa.mil)>

**Sent:** Sunday, April 29, 2018 10:25:53 AM

**To:** Antonakakis, Manos

**Cc:** [tejas@kududyn.com](mailto:tejas@kududyn.com); Schneck, Christopher (contr-i2o)

**Subject:** Re: Interesting talk

Wow...I watched the first 10 minutes, and I think I disagreed with almost every other point he made, as far as EA is concerned :)

> On Apr 29, 2018, at 08:16, Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)> wrote:

>

> [https://www.youtube.com/watch?v=u-j4KP\\_lS1Q](https://www.youtube.com/watch?v=u-j4KP_lS1Q)

>

> Do not agree with all he talked about, but he makes several points that are valid.

>

> —

> Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Sunday, April 29, 2018 2:25:53 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: tejas@kududyn.com; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Sunday, April 29, 2018 2:25:52 PM

Subject: Re: Interesting talk

Attachments: Nameless.txt (493 Bytes)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Sunday, April 29, 2018 3:28:03 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
CC: tejas@kududyn.com; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Subject: Re: Interesting talk

Yes, he has a fundamental confusion on what attribution is. However, the way he tracks TTPs is interesting.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent: Sunday, April 29, 2018 10:25:53 AM  
To: Antonakakis, Manos  
Cc: tejas@kududyn.com; Schneck, Christopher (contr-i2o)  
Subject: Re: Interesting talk

Wow...I watched the first 10 minutes, and I think I disagreed with almost every other point he made, as far as EA is concerned :)

> On Apr 29, 2018, at 08:16, Antonakakis, Manos <manos@gatech.edu> wrote:  
>  
> [https://www.youtube.com/watch?v=u-j4KP\\_Is1Q](https://www.youtube.com/watch?v=u-j4KP_Is1Q)  
>  
> Do not agree with all he talked about, but he makes several points that are valid.  
>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Sunday, April 29, 2018 3:08:23 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: tejas@kududyn.com; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Sunday, April 29, 2018 3:08:22 PM

Subject: Re: Interesting talk

Attachments: Nameless.txt (1.12 KB)

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Thursday, April 12, 2018 4:51:45 PM  
**To:** Hook, Lisa<lisa.hook@team.neustar>  
**CC:** Michael Sussmann<MSussmann@perkinscoie.com>; Joffe, Rodney<Rodney.Joffe@team.neustar>  
**Subject:** Re: Intro

Lisa, I just boarded a flight to DC, where I will spend the rest of my day with meetings at DARPA. Tomorrow, my entire day will be spent at the HACCS kickoff meeting where I will be presenting the 4 years research agenda of the program.

Michael, nice to meet you. I can get on a call today between 17.00 and 18.00, tomorrow after 20.00 and over the weekend anytime you want. All times are EST.

To be totally honest, I would like to clarify what the request is here as a first step. What I sent Rodney was discoveries of malicious activities in the AU networks as part of technology we are creating for the USG. This is not technology that is related with Neustar — beyond the fact that we used your data.

Could Neustar offer something similar? Sure, since you have the data. :) However, what GT is doing (the technology we are generating) is for the USG (DoD to be precise).

Thanks and hopefully this message clarifies things a bit.

Manos

---

Typos due to mobile device ...

On Apr 12, 2018, at 11:39, Hook, Lisa <[lisa.hook@team.neustar](mailto:lisa.hook@team.neustar)> wrote:

Manos meet Michael,

Michael is our longtime outside counsel on national security and other issues. He is working with Rodney on a proposal to provide analytics similar to what you are doing in Australia.

Rodney is closed off right now and Michael needs someone to speak to for more details on the service we provide so he can write up a proposal.

Hoping you two can jump on the phone asap.

Thanks -- Lisa

Lisa A. Hook

Neustar Inc/ President & Chief Executive Officer

120 SW 8th Street, Miami FL 33130

Office: 571.434.5630 Mobile: 202.907.5672 [lisa.hook@team.neustar](mailto:lisa.hook@team.neustar)/[www.neustar.biz](http://www.neustar.biz)

From: Rodney Joffe <rjoffe@packetforensics.com>

Sent on: Friday, August 2, 2019 4:24:17 PM

To: Ashfia Rahman <asrahma@microsoft.com>

CC: Lily Kim <Lily.Kim@microsoft.com>; Manos Antonakakis <manos@gatech.edu>; William Chappell <William.Chappell@microsoft.com>; Kirk McConnell <Kirk\_McConnell@armed-services.senate.gov>; Victor Oppleman <victor@packetforensics.com>; Christian Cook <Christian.Cook@microsoft.com>; Lisa Patel <lpatel@centergate.com>

Subject: Re: introduction

Any chance we can make this 4pm?

> On Aug 2, 2019, at 11:21 AM, Ashfia Rahman <asrahma@microsoft.com> wrote:

>

> Hi Rodney,

>

> Invite has been sent for today, 8/2 at 3:30pm EST

>

> Let me know if you don't see the invite on your calendar.

>

> Thanks,

> Ashfia

>

> -----Original Message-----

> From: Rodney Joffe <rjoffe@packetforensics.com>

> Sent: Thursday, August 1, 2019 9:18 PM

> To: Ashfia Rahman <asrahma@microsoft.com>

> Cc: Lily Kim <Lily.Kim@microsoft.com>; Manos Antonakakis <manos@gatech.edu>; William Chappell <William.Chappell@microsoft.com>; Kirk McConnell <Kirk\_McConnell@armed-services.senate.gov>; Victor Oppleman <victor@packetforensics.com>; Christian Cook <Christian.Cook@microsoft.com>; Lisa Patel <lpatel@centergate.com>

> Subject: Re: introduction

>

> Hi Ashfia,

>

> Did you identify a slot where Lily is available for tomorrow?

>

> Thanks

> Rodney

>

>

>> On Jul 30, 2019, at 10:15 PM, Lily Kim <Lily.Kim@microsoft.com> wrote:

>>

>> Hi Manos,

>>

>> I believe I can make Friday work ☐☐. @Ashfia Rahman- can you please help with scheduling? We can start w/ 30 min.

>>

>> @William Chappell- would be good for you to attend as well if you are free.

>>

>> Thanks team!

>>

>> -----Original Message-----

>> From: Antonakakis, Manos <manos@gatech.edu>

>> Sent: Tuesday, July 30, 2019 9:17 PM

>> To: Rodney Joffe <rjoffe@packetforensics.com>; Lily Kim <Lily.Kim@microsoft.com>

>> Cc: Kirk McConnell <Kirk\_McConnell@armed-services.senate.gov>; Victor Oppleman <victor@packetforensics.com>; Ashfia Rahman <asrahma@microsoft.com>; Christian Cook <Christian.Cook@microsoft.com>; Lisa Patel <lpatel@centergate.com>



>> Subject: Re: introduction

>>

>> Kirk, thanks for the intros.

>>

>> Lily, pleased to meet you!

>>

>> This Friday works for me. The week after the next I will be hosting a hackathon at GT for DARPA, so my schedule will be less flexible. If you come up with a date, I will try to make it work but I cannot promise that I will be able to.

>>

>> Many thanks,

>>

>> --

>> Manos Antonakakis | Associate Professor | [manos@gatech.edu](mailto:manos@gatech.edu) School of Electrical and Computer Engineering Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

From: Rodney Joffe <rjoffe@packetforensics.com>

Sent on: Wednesday, July 31, 2019 1:41:51 AM

To: Lily Kim <Lily.Kim@microsoft.com>

CC: Kirk McConnell <Kirk\_McConnell@armed-services.senate.gov>; Victor Oppleman <victor@packetforensics.com>;

Manos Antonakakis <manos@gatech.edu>; Ashfia Rahman <asrahma@microsoft.com>; Christian Cook

<Christian.Cook@microsoft.com>; Lisa Patel <lpatel@centergate.com>

Subject: Re: introduction

Hi Lily,

Pleased to eMeet you. And Kirk, many thanks for the introduction.

Lily, we'd be happy to talk with you whenever our schedules match :-). I can speak for Vic and myself. I'm most available Friday of this week. Next week I am at BlackHat... but back and available the following week. Also happy to meet in person (although Manos is in Atlanta). Where in the DC area are you located? @Lisa Patel can coordinate from my side.

Regards

Rodney

> On Jul 29, 2019, at 7:42 PM, Lily Kim <Lily.Kim@microsoft.com> wrote:

>

> Thanks for the intro Kirk!

>

> Vic/Rodney/Manos- would love to do a quick call to introduce myself and learn more about your capabilities.

>

> If you are interested- @Ashfia Rahman/@Christian Cook can help schedule.

>

> Many thanks, Lily

>

> From: McConnell, Kirk (Armed Services) <Kirk\_McConnell@armed-services.senate.gov>

> Sent: Monday, July 29, 2019 7:35 PM

> To: Victor Oppleman <victor@packetforensics.com>; Rodney Joffe <rjoffe@packetforensics.com>; Antonakakis Manos (manos@gatech.edu) <manos@gatech.edu>; Lily Kim <Lily.Kim@microsoft.com>

> Subject: introduction

>

> Vic/Rodney/Manos – introducing you to Lily Kim, who runs Microsoft Azure's government operations. Lily worked in the DoD CIO's office supporting the Principal Cyber Adviser for a bunch of years, which is where we first met. Lily is interested in the idea of developing a proposal for the DoD Joint Artificial Intelligence Center (JAIC) to apply AI algorithms to massive amounts of metadata collected both inside and outside DoD's networks. DoD is already collecting a lot of internal metadata through a program called the Big Data Platform. But as you guys know all too well, things are just beginning to happen with respect to metadata collection and analysis outside of the DODIN. Your Enhanced Attribution program is the groundbreaking initiative, but as you guys also know, we need to be collecting flow data and a lot of pertinent "ad tech"-types of data as well. And then we also need to apply AI/ML technology on top. It makes sense ultimately to run an operation like this on top of a hyperscale cloud like Azure. Lily is interested in thinking about how to do that. Best, Kirk

From: Rodney Joffe <rjoffe@packetforensics.com>

Sent on: Friday, August 2, 2019 5:50:00 PM

To: Ashfia Rahman <asrahma@microsoft.com>

CC: Manos Antonakakis <manos@gatech.edu>; William Chappell <William.Chappell@microsoft.com>; Victor Oppleman <victor@packetforensics.com>; Christian Cook <Christian.Cook@microsoft.com>; Lisa Patel <lpatel@centergate.com>

Subject: Re: introduction

Thank you Ashfia. 4pm

> On Aug 2, 2019, at 12:46 PM, Ashfia Rahman <asrahma@microsoft.com> wrote:

>

> Thanks,

>

> Updated time to 4pm EST today.

>

>

>

> -----Original Message-----

> From: Antonakakis, Manos <manos@gatech.edu>

> Sent: Friday, August 2, 2019 12:42 PM

> To: Ashfia Rahman <asrahma@microsoft.com>; Rodney Joffe <rjoffe@packetforensics.com>; William Chappell <William.Chappell@microsoft.com>

> Cc: Victor Oppleman <victor@packetforensics.com>; Christian Cook <Christian.Cook@microsoft.com>; Lisa Patel <lpatel@centergate.com>

> Subject: Re: introduction

>

> On Fri, 2019-08-02 at 16:35 +0000, Ashfia Rahman wrote:

>> I can make 4pm work. Will it work for you @Manos Antonakakis ?

>

> Both slots work for me, yes.

>

> --

> Manos Antonakakis | Associate Professor | manos@gatech.edu School of Electrical and Computer Engineering Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Tuesday, November 6, 2018 4:45:09 PM

To: Stevens, Rock A MAJ USARMY 780 MI BDE (US) <rock.a.stevens.mil@mail.mil>; Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>; Schneck, Christopher J CTR (US) <christopher.schneck.ctr@darpa.mil>; Kline, Allison M CTR (US) <allison.kline.ctr@darpa.mil>; Smith, Jonathan <Jonathan.smith@darpa.mil>

Subject: Re: Introductions (UNCLASSIFIED)

Rock, always happy to help the good guys do their job better. :)

In order for me (and my team) to be able to keep doing this, I would very much appreciate if you keep in the loop Angelos and/or JMS (at the very least) on the way you plan to use the datasets provided to you by this case study (conducted for EA).

It is very important to treat with caution and ultimately protect our EA data sources. Miss-treatment of these data could have significant implications for entire program.

Many thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Stevens, Rock A MAJ USARMY 780 MI BDE (US) <rock.a.stevens.mil@mail.mil>

Sent: Tuesday, November 6, 2018 10:23:52 AM

To: Antonakakis, Manos; Keromytis, Angelos D CIV DARPA (US); Schneck, Christopher J CTR (US); Kline, Allison M CTR (US)

Subject: RE: Introductions (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

Manos,

I cannot thank you enough for helping me better understand your research and its impact. I'm excited about our collective partnership together.

Sincerely,

Rock

Rock Stevens, MAJ, USA  
Director, Joint Mission Operations Center (JMOC) - Georgia |  
Chief, Cyber Solutions Development (CSD) - Georgia  
Comm: 706-849-4619 (DSN: 502) | NSTS: 681-8763  
S: rock.a.stevens.mil@mail.smil.mil | TS: rastev2@nsa.ic.gov

CLASSIFICATION: UNCLASSIFIED

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Tuesday, May 1, 2018 2:46:44 PM  
To: Thomas X. Grasso, Jr. <tom@ncfta.net>  
CC: Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>  
Subject: Re: Introductions and invitation to DARPA EA PI meeting

Angele, talked with Tom on the phone. He will be linking us with the right people. Let's see if they can attend.

Tom, many thanks for the call!

Thanks, Manos

---

Typos due to mobile device ...

> On May 1, 2018, at 09:35, Thomas X. Grasso, Jr. <tom@ncfta.net> wrote:

>

> Manos, sorry for the delay in responding to you. So I may not be the right guy for your meeting because I do not even know what "EA PI" is. I guess I need to get a clue. No matter, if you need FBI attendance we can get someone there. Let me know. Feel free to call if that is easier.

>

> Thanks.

>

>

> --Tom

>

>

> Thomas X. Grasso, Jr.

> Unit Chief

> Federal Bureau of Investigation

> Cyber Division

> Mobile: +1 724 814-6500

> ---

>

>

>

>

>

>> -----Original Message-----

>> From: Antonakakis, Manos [<mailto:manos@gatech.edu>]

>> Sent: Tuesday, April 24, 2018 7:51 PM

>> To: Thomas X. Grasso, Jr.

>> Cc: Keromytis, Angelos D CIV DARPA (US)

>> Subject: Introductions and invitation to DARPA EA PI meeting

>>

>> Hey Tom,

>>

>> Hope you are doing great!

>>

>> Allow me to introduce you to the DARPA PM Dr. Angelos Keromytis.

>> Angelos happens to be the PM from one of my projects with focus on

>> attack attribution.

>>

>> We are having the next PI meeting at Georgia Tech in Atlanta, June 8th.

>> We would be very happy to have you in this meeting, if you want to join

>> us. Angelos can give you more details about what we will be talking

>> about if you ping him on the classified network.

>>

>> Many thanks!

>>

>> -

>> Manos Antonakakis | manos@gatech.edu

>> Georgia Institute of Technology

>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_

>

> NOTICE: The National Cyber Forensics and Training Alliance (NCFTA) is a non-profit corporation dedicated to facilitating collaboration and information sharing between private industry, academia, and the law enforcement / intelligence community in order to efficiently research computer crimes and improve network security. This electronic mail message was sent by an employee of the FBI collocated at the NCFTA. FBI staff collocated with the NCFTA are not employed by the NCFTA and are not representatives of that organization.

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Wednesday, May 2, 2018 2:16:20 PM

To: Thomas X. Grasso, Jr. <tom@ncfta.net>

CC: Antonakakis, Manos <manos@gatech.edu>; mjmckeown@fbi.gov; wdware@fbi.gov; chunt@fbi.gov; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Maddern, Thomas (contr-i2o) <Thomas.Maddern.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Wednesday, May 2, 2018 2:10:50 PM

Subject: Re: Introductions and invitation to DARPA EA PI meeting

Attachments: Nameless.txt (4.06 KB)

From: Rodney Joffe <rjoffe@centergate.com>

Sent on: Friday, April 13, 2018 4:49:53 PM

To: [REDACTED]

Subject: Re: Intros

Hey Scott,

Good to meet you via Manos (moved to bcc).

Let me know when and where ;-)

Regards

Rodney

> On Apr 13, 2018, at 11:03 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Scott please meet Rodney. Rodney, please meet Scott. You two are local, and I think you should get together for lunch or dinner.

>

> Thanks, Manos

>

> ---

> Typos due to mobile device ...



From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Wednesday, April 18, 2018 2:02:15 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Garrison, William R <wgarrison7@gatech.edu>; Smith, Jonathan <jonathan.smith@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Wednesday, April 18, 2018 2:02:14 PM

Subject: Re: Intros, web portal and data

Attachments: Nameless.txt (3.79 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Wednesday, April 18, 2018 1:59:00 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Garrison, William R <wgarrison7@gatech.edu>; Smith, Jonathan <jonathan.smith@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Wednesday, April 18, 2018 1:58:59 PM

Subject: Re: Intros, web portal and data

Attachments: Nameless.txt (3.03 KB)

From: Angelos D. Keromytis [REDACTED] >  
Sent on: Thursday, June 28, 2018 10:23:06 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: Invitation to Participate in the Association of the United States Army's Institute of Land Warfare (AUSA ILW) Army Cyber and Networks Hot Topic Symposium on Thursday, August 2, 2018

Nope (although they may have gotten your name through/because of the work with DARPA - not that it matters).

Looks like the topic has nothing to do with EA/HACCS, so no reason to mention those (if you decide to go, which I encourage you to do if just for the networking).

-Angelos

> On Jun 28, 2018, at 14:28, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> This has nothing to do with something you are working on, right?

>  
> —

> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Guy C. Swan <GSwan@AUSA.ORG>

> Sent: Thursday, June 28, 2018 2:16 PM  
> To: joseph.p.mcgee2.mil@mail.mil; jeffrey.sorenson@atkearneysds.com; thomas.c.seamands.mil@mail.mil;  
Antonakakis, Manos; manos@antonakakis.org; apaller@sans.org; DGilbertson@sans.org  
> Cc: Lori Wulf; Vandermaarel, Cathy B CIV USARMY ARCYBER (US); nicholas.a.azzolini.mil@mail.mil;  
karmin.ng2.mil@mail.mil

> Subject: Invitation to Participate in the Association of the United States Army's Institute of Land Warfare (AUSA ILW) Army Cyber and Networks Hot Topic Symposium on Thursday, August 2, 2018

>  
> BG Joseph P. "JP" McGee, United States Army, Deputy Commanding General (Operations), United States Army Cyber Command  
> LTG Jeffrey Sorenson, United States Army Retired, Partner and President, A.T. Kearney Public Sector & Defense Services, LLC  
> LTG Thomas C. Seamands, United States Army, Deputy Chief of Staff, G-1, United States Army  
> Dr. Manos Antonakakis, Ph.D., Associate Director - Attribution, Institute for Information Security & Privacy, and Associate Professor, School of Electrical & Computer Engineering, Georgia Institute of Technology  
> Mr. Alan Paller, Research Director and Founder, SANS Institute

>  
>  
> Gentlemen,

> Planning is well underway for the 2017 Association of the United States Army's Institute of Land Warfare (AUSA ILW) Army Cyber and Networks Hot Topic Symposium to be held Thursday, August 2, 2018 at the General Gordon R. Sullivan Conference Center at 2425 Wilson Boulevard, Arlington VA 22201. Our AUSA "Hot Topics" symposiums continue to be well-received professional development forums as well as an opportunity for broader audiences to understand issues of major importance to the Army.

> On behalf of General Carter F. Ham, the president of AUSA, I would like to ask you to participate in this forum.

> The theme for this year's symposium is "Cyberspace, the Army Network, and Multi Domain Operations." The cyber domain remains a contested environment and one that directly effects the Army network. The warfighter today needs to understand, defend, and exploit this environment in order to win on the multi-domain battlefield.

>

> The 2018 AUSA ILW Army Cyber and Networks Hot Topic's main objective is to bring together leaders from both inside and outside the Army to discuss cyber operations and their strategic impact in the modern world. This focused one-day event will include participation from the Commanding General of the United States Army Cyber Command (ARCYBER), representatives from United States Cyber Command (USCYBERCOM), the Army CIO/G-6, the Office of the Secretary of Defense (OSD), the Joint Force, industry, academia, and think tanks. Additional information can be found at the forum website at <https://www.ausa.org/events/army-cyber-networks-hot-topic>.

>

> Specifically, I would like to ask you to serve as a Subject Matter Expert for the panel entitled "Talent Management: Recruiting and Retaining Military and Civilian Cyber Talent."

>

> We are inviting BG Joseph P. "JP" McGee, United States Army, Deputy Commanding General (Operations), United States Army Cyber Command, to serve as the panel chair and LTG Jeffrey Sorenson, United States Army Retired, Partner and President, A.T. Kearney Public Sector & Defense Services, LLC, to serve as the panel moderator.

>

> Let me or Lori Wulf at [lwulf@ausa.org](mailto:lwulf@ausa.org) <<mailto:lwulf@ausa.org>> or 703-907-2923 know if you can do this. Please do not hesitate to call if we can provide additional details.

>

> Thank you and see you soon.

>

> Guy

>

>

> GUY C. SWAN III

> Lieutenant General, U.S. Army, Retired

> Vice President

> Association of the United States Army

> 2425 Wilson Boulevard | Arlington, Virginia 22201

> Office: 703-907-2626 | Mobile: 571-278-1757

> [gswan@ausa.org](mailto:gswan@ausa.org) <<mailto:gswan@ausa.org>> | [www.ausa.org](http://www.ausa.org) <<http://www.ausa.org/>>

> [www.facebook.com/AUSA.org](http://www.facebook.com/AUSA.org) <<http://www.facebook.com/AUSA.org>>

>

> [AUSA]

>

From: Rodney Joffe <rjoffe@centergate.com>  
Sent on: Saturday, June 30, 2018 5:29:24 AM  
To: Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: Invitation to Participate in the Association of the United States Army's Institute of Land Warfare (AUSA ILW) Army Cyber and Networks Hot Topic Symposium on Thursday, August 2, 2018

I think that this is a great opportunity for you to expand your brand and make yourself visible. I know many of the people.

> On Jun 28, 2018, at 7:29 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Do you think this worth my time?

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_

> From: Guy C. Swan <GSwan@AUSA.ORG>

> Sent: Thursday, June 28, 2018 2:16 PM

> To: joseph.p.mcgee2.mil@mail.mil; jeffrey.sorenson@atkearneypsds.com; thomas.c.seamands.mil@mail.mil;

Antonakakis, Manos; manos@antonakakis.org; apaller@sans.org; DGilbertson@sans.org

> Cc: Lori Wulf; Vandermaarel, Cathy B CIV USARMY ARCYBER (US); nicholas.a.azzolini.mil@mail.mil;

karmin.ng2.mil@mail.mil

> Subject: Invitation to Participate in the Association of the United States Army's Institute of Land Warfare (AUSA ILW) Army Cyber and Networks Hot Topic Symposium on Thursday, August 2, 2018

>

> BG Joseph P. "JP" McGee, United States Army, Deputy Commanding General (Operations), United States Army Cyber Command

> LTG Jeffrey Sorenson, United States Army Retired, Partner and President, A.T. Kearney Public Sector & Defense Services, LLC

> LTG Thomas C. Seamands, United States Army, Deputy Chief of Staff, G-1, United States Army

> Dr. Manos Antonakakis, Ph.D., Associate Director - Attribution, Institute for Information Security & Privacy, and Associate Professor, School of Electrical & Computer Engineering, Georgia Institute of Technology

> Mr. Alan Paller, Research Director and Founder, SANS Institute

>

>

> Gentlemen,

>

> Planning is well underway for the 2017 Association of the United States Army's Institute of Land Warfare (AUSA ILW) Army Cyber and Networks Hot Topic Symposium to be held Thursday, August 2, 2018 at the General Gordon R. Sullivan Conference Center at 2425 Wilson Boulevard, Arlington VA 22201. Our AUSA "Hot Topics" symposiums continue to be well-received professional development forums as well as an opportunity for broader audiences to understand issues of major importance to the Army.

>

> On behalf of General Carter F. Ham, the president of AUSA, I would like to ask you to participate in this forum.

>

> The theme for this year's symposium is "Cyberspace, the Army Network, and Multi Domain Operations." The cyber domain remains a contested environment and one that directly effects the Army network. The warfighter today needs to understand, defend, and exploit this environment in order to win on the multi-domain battlefield.

>

> The 2018 AUSA ILW Army Cyber and Networks Hot Topic's main objective is to bring together leaders from both inside and outside the Army to discuss cyber operations and their strategic impact in the modern world. This focused one-day event will include participation from the Commanding General of the United States Army Cyber Command (ACYBER),

representatives from United States Cyber Command (USCYBERCOM), the Army CIO/G-6, the Office of the Secretary of Defense (OSD), the Joint Force, industry, academia, and think tanks. Additional information can be found at the forum website at <https://www.ausea.org/events/army-cyber-networks-hot-topic>.

>

> Specifically, I would like to ask you to serve as a Subject Matter Expert for the panel entitled "Talent Management: Recruiting and Retaining Military and Civilian Cyber Talent."

>

> We are inviting BG Joseph P. "JP" McGee, United States Army, Deputy Commanding General (Operations), United States Army Cyber Command, to serve as the panel chair and LTG Jeffrey Sorenson, United States Army Retired, Partner and President, A.T. Kearney Public Sector & Defense Services, LLC, to serve as the panel moderator.

>

> Let me or Lori Wulf at [lwulf@ausea.org](mailto:lwulf@ausea.org) <<mailto:lwulf@ausea.org>> or 703-907-2923 know if you can do this. Please do not hesitate to call if we can provide additional details.

>

> Thank you and see you soon.

>

> Guy

>

>

> GUY C. SWAN III

> Lieutenant General, U.S. Army, Retired

> Vice President

> Association of the United States Army

> 2425 Wilson Boulevard | Arlington, Virginia 22201

> Office: 703-907-2626 | Mobile: 571-278-1757

> [gswan@ausea.org](mailto:gswan@ausea.org) <<mailto:gswan@ausea.org>> | [www.ausea.org](http://www.ausea.org) <<http://www.ausea.org/>>

> [www.facebook.com/AUSA.org](http://www.facebook.com/AUSA.org) <<http://www.facebook.com/AUSA.org>>

>

> [AUSA]

>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Saturday, January 6, 2018 5:45:03 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Saturday, January 6, 2018 5:45:03 PM

Subject: Re: loCs Active DNS reflection

Attachments: Nameless.txt (1.44 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Tuesday, January 9, 2018 10:28:23 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, January 9, 2018 10:28:23 PM

Subject: Re: loCs Active DNS reflection

Attachments: Nameless.txt (2.96 KB)



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, April 26, 2018 6:30:15 PM  
To: Hall, John <John.Hall@team.neustar>  
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>  
Subject: Re: Ip Intelligence for HACCS

Sure John, you can call me on the top of the hour.

Happy to help you out in any way I can. However, is DARPA aware that GT will need a 56% overhead on this, that is in order for you to get these \$3M, I will need to come up with an add-on for HACCS and a budget that is in the order of ~\$5.7M (just for this add-on)?

Are they OK with this?

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Hall, John <John.Hall@team.neustar>  
Sent: Thursday, April 26, 2018 1:25:40 PM  
To: Antonakakis, Manos  
Cc: Joffe, Rodney  
Subject: Ip Intelligence for HACCS

Hello Manos,  
We were recently in with the HACCS Team in Arlington. We discussed a number of things, including strategies for procuring Neustar IP Intelligence for the program. Since we already have a contractual relationship with GTRC, we think that it would be ideal to work with your organization to fulfill this requirement. At a high level, we're proposing an unlimited 1 year license @ an annual subscription cost of \$3M. Let me know when you have a few minutes to discuss or if you'd like to delegate to your contracts team.

Thanks in advance

John W Hall  
Neustar, Inc. / Sr. Director – Federal Business  
[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

---

The information contained in this e-mail message is intended only for the use of the recipient(s) named above and may contain confidential and/or privileged information. If you are not the intended recipient you have received this e-mail message in error and any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately and delete the original message

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Thursday, March 8, 2018 7:31:49 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: tejas@kududyn.com

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Thursday, March 8, 2018 7:31:47 PM

Subject: Re: Joint Analysis Report + NERC Alert

Attachments: Nameless.txt (1.53 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Thursday, March 8, 2018 7:14:08 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: tejas@kududyn.com

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Thursday, March 8, 2018 7:14:06 PM

Subject: Re: Joint Analysis Report + NERC Alert

Attachments: Nameless.txt (1001 Bytes)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Thursday, March 8, 2018 6:48:20 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: tejas@kududyn.com

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Thursday, March 8, 2018 6:48:18 PM

Subject: Re: Joint Analysis Report + NERC Alert

Attachments: Nameless.txt (470 Bytes)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Thursday, March 8, 2018 7:33:34 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: tejas@kududyn.com

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Thursday, March 8, 2018 7:33:32 PM

Subject: Re: Joint Analysis Report + NERC Alert

Attachments: Nameless.txt (2.13 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, January 10, 2018 9:49:40 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
Subject: Re: just for giggles

They should have attended our last site review meeting. Combosquatting rocks.

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Thursday, January 11, 2018 3:56:17 AM  
To: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: just for giggles

My surprise was not with Angelos, but with the DARPA mail server.

This has been reported, was in the news, and the mail server allowed the email with the link to fly out from a .mil address.

That is bad in so many levels.

---

Typos due to mobile device ...

> On Jan 10, 2018, at 22:47, Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil> wrote:

>

> I got the link from a trusted source so I clicked on it. Last time I trust Angelos. It was a 403 Forbidden. Boo.

>

> -Tejas

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Tuesday, February 27, 2018 2:54:11 PM

To: Antonakakis, Manos <manos@gatech.edu>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, February 27, 2018 2:54:02 PM

Subject: Re: Just FYI

Attachments: Nameless.txt (695 Bytes)



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, March 21, 2018 3:09:07 AM  
To: Angelos D. Keromytis [REDACTED]  
Subject: Re: kai aloga...

LOL.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Angelos D. Keromytis [REDACTED]  
Sent: Tuesday, March 20, 2018 10:04:26 PM  
To: Antonakakis, Manos  
Subject: kai aloga...

<https://www.npr.org/2018/03/19/594839304/escaped-horses-clog-traffic-in-metro-atlanta?sc=tw>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, October 1, 2018 7:28:03 PM  
To: Beyah, Raheem A <rbeyah@ece.gatech.edu>; □ □ [REDACTED]  
CC: Ahamad, Mustaque <mustaq@cc.gatech.edu>; Keromytis, Angelos <angelos.keromytis@darpa.mil>; Blough, Douglas M <doug.blough@ece.gatech.edu>  
Subject: Re: letter to the administration

Wenke, since you will be revising the letter I would like to point out a couple of larger issues I had with the letter. Didn't brought them up for a number of reasons.

Let me second the point that Raheem brought up. I have no desire to create any problems to the huge effort that ECE/COE has put together so they can find space for me and Angelos. To my understanding this space is in Klaus, and it is final. To that end, I would kindly suggest that we try to work alongside this ECE/CEO effort and not against it. Vis-a-vis, any discussion about moving away from Klaus at this point looks like a moot point to me, and can only create problems to me and Angelos.

I suspect that Angelos is on the same page with me, but, I will let him speak for himself.

My second point, and in the larger theme of this letter, my suggestion would be that you do not confuse the "working good together" issue with the "we all need to be on the same space" issue. You can make a very strong case on the first -- all the great hard facts you pointed out --- and of course having all of us sign the letter. On the later issue, whatever you say (we say) is a wishful thinking and nothing more.

Having no doubt that we do work together well, I suspect, will open the door for securing space in Klaus for all of us down the road. I do not think we can achieve both with this letter.

Cheers,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Beyah, Raheem A  
Sent: Monday, October 1, 2018 1:48:21 PM  
To: □ □  
Cc: Ahamad, Mustaque; Kim, Taesoo; Boldyreva, Alexandra; Vlad Kolesnikov; Antonakakis, Manos; Saltaformaggio, Brendan D; Keromytis, Angelos; Blough, Douglas M; Farrell, Michael D  
Subject: Re: letter to the administration

Wenke et al.,

I've reviewed the letter and I'm unable to sign it in its current form. I have several conflicts given the current roles I play in the administration. Also, the tone of the letter is a bit stronger than I feel comfortable with. I'm traveling back from Saudi Arabia and I have several critical items on my plate preventing me from taking a significant amount of time to revise the letter to a point where I feel comfortable. I will, however, send you a "clean" email stating that I think the CoC and ECE are working well together with research and teaching and that I support collocation of security faculty (you can use this as an addendum if you please). However, to be transparent, collocation would only work for me if we're in Klaus given my frequent meetings in Van Leer.

Best,

Raheem

On Sep 30, 2018, at 4:03 PM, Wenke Lee [REDACTED] > wrote:

Folks,

I just drafted a letter, and you have a link to revise and sign.  
Please get this done by Monday evening if possible.

It is about making everyone understand that the SCS and ECE security folks have been working together and will continue to prosper if the administration makes conscious efforts to support a collaborative environment, e.g., in space allocation and faculty hiring. I also slammed them for repeating rumors :-)

Wenke

<https://docs.google.com/document/d/10Pot7AG7sfJSm--uNtE69EvWB4PTKBk0EjwZBHO4298/edit?usp=sharing>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Tuesday, October 2, 2018 4:56:46 PM

To: □ □ >

CC: Vlad Kolesnikov >; Ahamad, Mustaque <mustaq@cc.gatech.edu>; Boldyreva, Alexandra <sasha@gatech.edu>; Saltaformaggio, Brendan D <brendan@ece.gatech.edu>; Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; Kim, Taesoo <taesoo@gatech.edu>; Keromytis, Angelos <angelos.keromytis@darpa.mil>; Blough, Douglas M <doug.blough@ece.gatech.edu>; Beyah, Raheem A <rbeyah@ece.gatech.edu>

Subject: Re: letter to the administration

Wenke, my point is that you can achieve both points (perhaps more effectively) without a letter if you have an honest discussion between the two units.

We are very successful as an area, we do not have to prove to anyone, anything. The numbers speak for them selves. We should not be in the business of writing letters refuting rumors.

If the goal is to honestly have CS and ECE working together longterm, you/Mustaque and Angelos/Raheem should have a discussion with the Chairs and tell them to come up with a strategy on space and faculty, so we can move forward with a single plan that serves all of us, the faculty. If the ECE and CS Chairs are on the same page, then this rumor holds no water. The only reason that this rumor has any merit at this point is because I suspect that the two units are not on the same page. Let's get them there.

Again, the letter will only give legitimacy to the rumors. Our position should be, we are not even going to spend time seriously looking at this as an allegation. We have more important things to do, like writing the next paper or winning the next grant together.

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Wenke Lee >

Sent: Tuesday, October 2, 2018 11:32:47 AM

To: Antonakakis, Manos

Cc: Vlad Kolesnikov; Ahamad, Mustaque; Boldyreva, Alexandra; Saltaformaggio, Brendan D; Farrell, Michael D; Kim, Taesoo; Keromytis, Angelos; Blough, Douglas M; Beyah, Raheem A

Subject: Re: letter to the administration

These two problems have been made intertwined: at least some people in the upper management have said "these two groups don't want to work together and therefore there is no need to allocate large space for them to be together" - that is what I referred to in the earlier version of the letter that we were put in a catch-22 situation (perhaps on purpose because other groups wanted all arguments they could find to grab more space for themselves).

The letter serves two purposes: 1) layout the facts of our collaboration to dispel the rumor (I personally preferred the stronger language of the earlier version, by quoting specifically what they said wrong). Saying nothing is not helping us because I first heard this rumor more than a year ago, I protested but as a group we didn't

say/write anything, now the rumor only gets repeated/intensified; why would this letter confirm the rumor? 2) encourage the chairs (and upper management if necessary) to hear the faculty (hence the letter and suggested meeting), not just two senior faculty members, that we want to be in the space, ideally Klaus ideally, and coordinate on faculty hiring - and such collaboration will put the rumor to rest.

The letter is really used as input from the faculty that the units and upper management should consider.

Wenke

On Tue, Oct 2, 2018 at 11:02 AM Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> It appears that there are two different problems hidden here and we are trying to solve them in a single shot. Looks very suboptimal to me.

>  
> The first problem is what happened in the CS faculty meeting, which I can only imagine was something along the lines "the two groups do not work well with each-other". If we need to clarify this point so the CS faculty can have the necessary power with their Chair, then we can address the letter to Lance and put this at rest once and for all.

>  
> Now, the second and most important problem, I think, has to do with longterm space allocation and faculty slots. The only way to achieve this is an unified message (to the upper management) between the two units (CS and ECE) on how we should grow security longterm. If the critics of this idea are in the upper management and if they believe the rumors about us, then this letter will only confirm the rumors. That is, if the rumors were not true, why the hell this letter needs to be written?

>  
> My point here is that if we want a winning solution to the second problem, we need to unofficially build consensus between the two units, and then officially go to the upper management with a single voice. IMHO, you do not build the consensus with such a letter. Have a meeting between the Chairs and two senior faculty (one from each unit) and work things out.

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Wenke Lee <[REDACTED]>  
> Sent: Tuesday, October 2, 2018 9:48:05 AM  
> To: Vlad Kolesnikov  
> Cc: Ahamad, Mustaque; Boldyreva, Alexandra; Saltaformaggio, Brendan D; Farrell, Michael D; Kim, Taesoo; angelos.keromytis@darpa.mil; Blough, Douglas M; Antonakakis, Manos; Beyah, Raheem A  
> Subject: Re: letter to the administration

>  
> Yes, the letter can be used by the chairs to go up the chain if necessary. More immediately, it also applies pressure for the two chairs to work together to help us.

>  
> On Tue, Oct 2, 2018 at 9:10 AM Vlad Kolesnikov <[REDACTED]> wrote:  
> My understanding is that having this letter allows chairs to bring it up the chain and more easily defeat the opinion that we don't like each other. Apparently that's a concern. We discussed it in CS faculty meeting, and agreed that a letter like that would be good ammunition to have should the need arise.

>  
> vlad  
>

> On Tue, Oct 2, 2018 at 9:02 AM Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:  
> If "them" refers to people above the Chairs of ECE and CS, then having a meeting with Magnus and Lance is kind of  
> pointless. Both of them know already that the security faculty work together.  
>  
> At this point I am really confused of what is the goal of this letter. I was under the impression that the goal of this letter  
> was to clarify to the upper management ("them") that security people have no issue working together. Using this letter to  
> have Lance and Magnus have a meeting looks like a waist of time.  
>  
> They had meetings in the past, and the CS Chair want to have a say in what ECE is doing and who is doing it. That is not  
> something that simply will not fly --- sorry but it does not make any sense and it is kind of ridiculous.  
>  
> Folks, are we setting ourselves up for failure here?  
>  
> —  
> Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>  
>  
> \_\_\_\_\_  
> From: Wenke Lee [REDACTED]  
> Sent: Monday, October 1, 2018 10:54:03 PM  
> To: Keromytis, Angelos  
> Cc: Beyah, Raheem A; Ahamad, Mustaque; Kim, Taesoo; Boldyreva, Alexandra; Vlad Kolesnikov; Antonakakis, Manos;  
> Saltaformaggio, Brendan D; Blough, Douglas M; Farrell, Michael D  
> Subject: Re: letter to the administration  
>  
> On Mon, Oct 1, 2018 at 10:24 PM Keromytis, Angelos  
> <angelos.keromytis@darpa.mil<mailto:angelos.keromytis@darpa.mil>> wrote:  
> >  
> >  
> > 1. If the concrete suggestion is for Lance and Magnus to get together, why are we sending this all the way to the  
> Provost and the VP-R?  
> >  
> >  
> > We don't have to include folks all the way up - unless we later find  
> > out that Lance and Magnus can't work together. So, for now, I change  
> > it to address these two.  
> >  
> > 2. If we have a group meeting (with all the admin recipients?), what would we tell them that we can't tell them now? If  
> there is a specific agenda for said meeting, we should give at least a hint.  
> >  
> >  
> > I think the letter is clearer now - talk about mostly space and  
> > perhaps faculty hiring.  
> >  
> > 3. Rather than just sending the letter, may I suggest we sign it but then have two reps (one from CS, one from ECE?)  
> just sit down with each of the folks and discuss the topics? The letter would then act as "proof" of consensus/agreement,  
> should they be questioned as to representation.  
> >  
> > That is a good suggestion.  
> >  
> >  
> > Just sending a letter can make it an "us vs. them" situation, which could become counterproductive.  
> >  
> > "Them" was some people working under the Deans, Provost, and EVPR. I  
> > will figure out a better way to stop them.

>  
> > Cheers,  
> > -Angelos  
> >  
> >  
> > > On Oct 1, 2018, at 22:12, Wenke Lee [REDACTED] > wrote:  
> > >  
> > > I had just made another round of edits. Please take a look and let me  
> > > know what you think.  
> > >> On Mon, Oct 1, 2018 at 2:33 PM Wenke Lee [REDACTED] wrote:  
> > >>  
> > >> The letter is now much shorter and positive. Please take a look and  
> > >> let me know what you think. Thanks.  
> > >>  
> > >> Wenke  
> > >>> On Mon, Oct 1, 2018 at 1:54 PM Wenke Lee [REDACTED] > wrote:  
> > >>>  
> > >>> Thanks Raheem, and also Doug for similar concerns. I will revise the  
> > >>> letter to be much positive and specifically ask for meeting with  
> > >>> leadership. Please stay tuned.  
> > >>>  
> > >>> Wenke  
> > >>>> On Mon, Oct 1, 2018 at 1:48 PM Beyah, Raheem A  
<rbeyah@ece.gatech.edu<mailto:rbeyah@ece.gatech.edu>> > wrote:  
> > >>>>  
> > >>>> Wenke et al.,  
> > >>>>  
> > >>>> I've reviewed the letter and I'm unable to sign it in its current form. I have several conflicts given the current  
roles I play in the administration. Also, the tone of the letter is a bit stronger than I feel comfortable with. I'm traveling  
back from Saudi Arabia and I have several critical items on my plate preventing me from taking a significant amount of  
time to revise the letter to a point where I feel comfortable. I will, however, send you a "clean" email stating that I think the  
CoC and ECE are working well together with research and teaching and that I support collocation of security faculty (you  
can use this as an addendum if you please). However, to be transparent, collocation would only work for me if we're in  
Klaus given my frequent meetings in Van Leer.  
> > >>>>  
> > >>>> Best,  
> > >>>>  
> > >>>> Raheem  
> > >>>>  
> > >>>>> On Sep 30, 2018, at 4:03 PM, Wenke Lee [REDACTED] wrote:  
> > >>>>>  
> > >>>>> Folks,  
> > >>>>>  
> > >>>>> I just drafted a letter, and you have a link to revise and sign.  
> > >>>>> Please get this done by Monday evening if possible.  
> > >>>>>  
> > >>>>> It is about making everyone understand that the SCS and ECE security  
> > >>>>> folks have been working together and will continue to prosper if the  
> > >>>>> administration makes conscious efforts to support a collaborative  
> > >>>>> environment, e.g., in space allocation and faculty hiring. I also  
> > >>>>> slammed them for repeating rumors :-)  
> > >>>>>  
> > >>>>> Wenke  
> > >>>>>  
> > >>>>>  
> > >>>>> hxxps://docs.google.com/document/d/10Pot7AG7sfJSm--  
uNtE69EvWB4PTKBk0EjwZBHO4298/edit?usp=sharing<http://docs.google.com/document/d/10Pot7AG7sfJSm--

uNtE69EvWB4PTKBk0EjwZBHO4298/edit?usp=sharing>

> > >>>>

> > >>>>

> > >



From: Angelos D. Keromytis [REDACTED]  
Sent on: Tuesday, December 12, 2017 5:33:50 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
CC: Dillon, Linda <linda.dillon@ece.gatech.edu>; Beyah, Raheem A <rbeyah@ece.gatech.edu>  
Subject: Re: List of Equipment

We'll probably want a few SDRs and probably a 3D printer, but that all is under \$10K and is in the noise.  
Thanks

> On Dec 12, 2017, at 08:29, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> Yup, sounds reasonable to me Linda (assuming Angelos does not need any exotic hardware for his students).

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Dillon, Linda  
> Sent: Tuesday, December 12, 2017 8:27:11 AM  
> To: Antonakakis, Manos  
> Cc: Angelos D. Keromytis; Beyah, Raheem A  
> Subject: RE: List of Equipment

>  
> Hi Manos,  
>  
> Dave thinks we should up the start-up by \$30k for faculty, staff and student office equipment (Printers, PC's and mobile devices).

>  
> Thank you,  
> Linda

>  
> -----Original Message-----

> From: Antonakakis, Manos  
> Sent: Tuesday, December 12, 2017 8:20 AM  
> To: Dillon, Linda <linda.dillon@ece.gatech.edu>  
> Cc: Angelos D. Keromytis [REDACTED]; Beyah, Raheem A <rbeyah@ece.gatech.edu>  
> Subject: Re: List of Equipment

>  
> Linda, Angelos asked me to pull together a budget for his cluster not his hardware needs for the entire lab. Angele, if you tell me what you want I will ask my team to get a few quotes for you as well.

>  
> In the grand scheme of things (unless Angelos needs a Tesla for IoT security research ...) the non-cluster hardware cost should be a very small fraction of the overall budget. Thus, I am not sure how important (and necessary) it is to capture that cost in this budget.

>  
> Raheem, what say you?

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>  
> \_\_\_\_\_  
> From: Dillon, Linda  
> Sent: Tuesday, December 12, 2017 8:13:58 AM  
> To: Antonakakis, Manos  
> Cc: Angelos D. Keromytis; Beyah, Raheem A  
> Subject: FW: List of Equipment  
>  
> Hi Manos,  
>  
> Dave Webb is required to review all equipment lists for new faculty per COE and he got back to me this morning. He is concerned there is no workstations, printers, etc. listed for Angelos' office and for students. Dave said it is ~\$2k for student workstations.  
>  
> Please review the list and make any needed changes.  
>  
> Thank you,  
> Linda  
>  
>  
>  
>  
> -----Original Message-----  
> From: Antonakakis, Manos  
> Sent: Friday, December 08, 2017 11:06 AM  
> To: Dillon, Linda <linda.dillon@ece.gatech.edu>; Angelos D. Keromytis [REDACTED]  
> Subject: Re: List of Equipment  
>  
> Linda, please find attached the estimate. Reach out to William in my team directly if you need the actual quotes.  
>  
> Thanks,  
>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>  
>  
> \_\_\_\_\_  
> From: Dillon, Linda  
> Sent: Thursday, December 7, 2017 3:17:23 PM  
> To: Antonakakis, Manos; Angelos D. Keromytis  
> Subject: RE: List of Equipment  
>  
> Hi Manos,  
>  
> Yes, Monday will be great.  
>  
> Have a nice weekend!  
> Linda  
>  
> -----Original Message-----  
> From: Antonakakis, Manos  
> Sent: Thursday, December 07, 2017 3:14 PM  
> To: Angelos D. Keromytis [REDACTED]; Dillon, Linda <linda.dillon@ece.gatech.edu>  
> Subject: Re: List of Equipment  
>

> I do, yes.  
>  
> Linda, can I send this to you by Monday? I need to update a few quotes.  
>  
> Cheers,  
>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>  
>  
> \_\_\_\_\_  
> From: Angelos D. Keromytis [REDACTED] >  
> Sent: Thursday, December 7, 2017 2:56:39 PM  
> To: Dillon, Linda  
> Cc: Antonakakis, Manos  
> Subject: Re: List of Equipment  
>  
> Mano, do you have a handy estimate for a cluster at the \$3M range?  
>  
> On Dec 7, 2017, at 14:32, Dillon, Linda <linda.dillon@ece.gatech.edu<mailto:linda.dillon@ece.gatech.edu>> wrote:  
>  
> Hi Angelos,  
>  
> Can you please provide a list of equipment equaling \$3M. This can be changed at a later date, but needs to go with hire  
packet.  
>  
> Thank you,  
> Linda  
>  
> Linda Dillon  
> Assistant Director - Administrative Operations School of Electrical and Computer Engineering  
> Phone: 404.894.7574  
> Email: linda.dillon@ece.gatech.edu<mailto:linda.dillon@ece.gatech.edu>  
>

From: Angelos D. Keromytis <[REDACTED]>  
Sent on: Monday, February 12, 2018 4:28:22 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: local IoT security conference/workshop in Philly

Nice!

> On Feb 12, 2018, at 11:06, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> The attached two will come out soon. Look for the commentary from Jason at Comcast.

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Angelos D. Keromytis <[REDACTED]>  
> Sent: Monday, February 12, 2018 10:55:36 AM  
> To: Antonakakis, Manos  
> Subject: Fwd: local IoT security conference/workshop in Philly

>  
>  
>  
>  
> Begin forwarded message:

>  
> From: "Moore, Jon (T+P)" <Jonathan\_Moore@comcast.com<mailto:Jonathan\_Moore@comcast.com>>  
> Date: February 12, 2018 at 10:42:51 EST  
> To: Jonathan Smith <jms@cis.upenn.edu<mailto:jms@cis.upenn.edu>>,  
> "mwh@cs.umd.edu<mailto:mwh@cs.umd.edu>" <mwh@cs.umd.edu<mailto:mwh@cs.umd.edu>>,  
> "angelos@cs.columbia.edu<mailto:angelos@cs.columbia.edu>"  
> <angelos@cs.columbia.edu<mailto:angelos@cs.columbia.edu>>  
> Subject: local IoT security conference/workshop in Philly

>  
> Hi folks,  
>  
> Hope you are all well. Comcast has started to host a series of small conferences in Philadelphia on various topics [1] over the last couple of years, with an aim of bringing together a local community from industry and academia.  
>  
> Comcast is hosting a small conference in April on the topic of IoT Security: <https://clcsecurity.comcast.com/>, with an open call for proposals for 30- or 45-minute talks (due March 15). I thought you personally, or your students and postdocs, or your colleagues at your respective departments might be interested to propose a talk and/or attend, since it's a close trip by either trolley or train.

>  
> Please feel free to share as you see appropriate across your departments, and please let me know if you have any questions.

>  
> Thanks!  
> Jon

>  
> [1] <http://scala.comcast.com/>, <https://comcastlabsconnectfp.comcast.com/>, <https://securityconference.comcast.com/>, etc.  
> .....

- > Jon Moore
- > Comcast Cable
- >
- >
- > <IOT-MA.pdf>
- > <cross-talk-1-3%5b1%5d.pdf>

**From:** Angelos D. Keromytis [REDACTED]  
**Sent on:** Wednesday, February 21, 2018 2:15:40 AM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** Stelios Sidiroglou-Douskos<stelios@csail.mit.edu>  
**Subject:** Re: Looking forward to your visit

Τι να του πεις του μαμουχαλου...moving right along...

On Feb 20, 2018, at 21:14, Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)> wrote:

Την μαλακία πολύ την αγάπησαν, τον μαλακά κανέννας.

Sorry for the drama.

---

Typos due to mobile device ...

On Feb 20, 2018, at 15:35, Stelios Sidiroglou-Douskos <[stelios@csail.mit.edu](mailto:stelios@csail.mit.edu)> wrote:

Hi Mustaque, thanks for the quick turnaround. I appreciate it.

On Feb 20, 2018, at 6:17 PM, Ahamad, Mustaque <[mustaq@cc.gatech.edu](mailto:mustaq@cc.gatech.edu)> wrote:

Stelios,

I apologize again for all the confusion today. However, I am glad we were able to get it sorted out quickly. Hopefully Lance communicated to you that we have approval for what he had offered to you initially on February 5 (I am happy to explain the details). I would not have sent the email he sent today but as a positive side effect, we cleared it all up.

Please go ahead and book your and [REDACTED] tickets. We look forward to seeing you here later this week.

As always, give me or any of us a call if you have any questions.

Mustaque

**From:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**Sent on:** Friday, December 15, 2017 10:25:28 PM  
**To:** Farrell, Michael<Michael.Farrell@gtri.gatech.edu>  
**CC:** Antonakakis, Emmanouil K<manos@gatech.edu>; Patel, Tejas (contr-i2o)<tejas.patel.ctr@darpa.mil>  
**Signed by:** KEROMYTIS.ANGELOS.D.1501999799 on Friday, December 15, 2017 10:25:27 PM  
**Subject:** Re: meeting and stuff  
**Attachments:** Nameless.txt (1.89 KB)

OK...keep us in the loop, so we can plan accordingly.

On Dec 15, 2017, at 5:15 PM, Farrell, Michael <[Michael.Farrell@gtri.gatech.edu](mailto:Michael.Farrell@gtri.gatech.edu)> wrote:

We talked 1/29. Not 2/2 specifically. Yes been doing coordination with Scott. Will circle back with him.

—MF

On Dec 15, 2017, at 15:25, Keromytis, Angelos <[angelos.keromytis@darpa.mil](mailto:angelos.keromytis@darpa.mil)> wrote:

Umm...then, I don't know why/how Scott converged on that day. Michael, are you coordinating with Scott?  
-Angelos

-----Original Message-----

From: Antonakakis, Manos [<mailto:manos@gatech.edu>]

Sent: Friday, December 15, 2017 3:24 PM

To: Keromytis, Angelos <[angelos.keromytis@darpa.mil](mailto:angelos.keromytis@darpa.mil)>; Farrell, Michael D <[Michael.Farrell@gtri.gatech.edu](mailto:Michael.Farrell@gtri.gatech.edu)>

Cc: Patel, Tejas (contr-i2o) <[tejas.patel.ctr@darpa.mil](mailto:tejas.patel.ctr@darpa.mil)>

Subject: Re: meeting and stuff

February 2nd is definitely a bad day, as Michael and I are hosting MS in GT.

On the ExploderBot, we will dive deep into it, yes.

-

Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)

Georgia Institute of Technology

From: Keromytis, Angelos <[angelos.keromytis@darpa.mil](mailto:angelos.keromytis@darpa.mil)>

Sent: Friday, December 15, 2017 2:33:13 PM

To: Antonakakis, Manos

Cc: Patel, Tejas (contr-i2o)

Subject: meeting and stuff

Mano,

The meeting is being scheduled for February 2 --- I \*assume\* Michael is the one on your side that is talking to Scott and doing the planning.

On a different note, it may be worth having a student look at a malware/botnet that some folks in industry have named ExploderBot.

-Angelos



**From:** Ondercin, Joseph J. (PG) (FBI) via anti-s<anti-s@ncfta.net>

**Sent on:** Thursday, March 19, 2020 3:44:09 PM

**To:** anti-s@ncfta.net

**CC:** Ondercin, Joseph J. (PG) (FBI)<jjondercin@fbi.gov>

**Subject:** [anti-s] [REDACTED]

Does anyone have a LE friendly contact (or can share experiences dealing with) [REDACTED]

[REDACTED]

Thanks,  
Joe

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

**From:** Portell, Jamie - Washington, DC via anti-s<anti-s@ncfta.net>

**Sent on:** Monday, February 3, 2020 11:36:45 PM

**To:** anti-s@ncfta.net

**CC:** Portell, Jamie - Washington, DC<JJPortell@uspis.gov>

**Subject:** [anti-s] [REDACTED]

[REDACTED] Thank you

Jamie Portell

Postal Inspector/Program Manager

U.S. Postal Inspection Service Liaison to National Cyber Investigative Joint Task Force (NCIJTF)

Desk: 703-633-4585

Cell: [REDACTED]

Email:

[jjportell@uspis.gov](mailto:jjportell@uspis.gov)

External Email:

NIPR: [jportell@fbi.gov](mailto:jportell@fbi.gov)

SIPR: [jportell@fbi.sgov.gov](mailto:jportell@fbi.sgov.gov)

JWICS: [jportell@fbi.ic.gov](mailto:jportell@fbi.ic.gov)



-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

**From:** Leszczynski, Ryan J. (CYD) (FBI) via anti-s<anti-s@ncfta.net>  
**Sent on:** Wednesday, May 13, 2020 2:59:14 PM  
**To:** anti-s@ncfta.net  
**CC:** Leszczynski, Ryan J. (CYD) (FBI)<rjleszczynski@fbi.gov>  
**Subject:** [anti-s] [anti-s] Att: FBI Seattle Field Office

Replied offline...

-----

Ryan J. Leszczynski  
Supervisory Special Agent | FBI, Cyber Division  
Liaison, National Cyber Forensics and Training Alliance  
W: 412-618-3179 [REDACTED]  
rjleszczynski@fbi.gov

\*\* sent from mobile device, apologies for any typos \*\*

On May 13, 2020 09:54, Rodney Joffe via anti-s <anti-s@ncfta.net> wrote:  
Could you please ping me asap offline.

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

From: Leszczynski, Ryan J. (CYD) (FBI) via anti-s <anti-s@ncfta.net>  
Sent on: Thursday, December 6, 2018 8:21:02 PM  
To: anti-s@ncfta.net  
CC: Leszczynski, Ryan J. (CYD) (FBI) <rjleszczynski@fbi.gov>  
Subject: [anti-s] [REDACTED]

Hi everyone:

[REDACTED]

Thanks

Ryan

-----

Ryan J. Leszczynski  
Supervisory Special Agent | FBI, Cyber Division  
W: 412-618-3179 | [REDACTED]  
rjleszczynski@fbi.gov

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

**From:** Elverson, Christopher W. (CYD) (FBI) via anti-s<anti-s@ncfta.net>  
**Sent on:** Thursday, September 5, 2019 3:59:16 PM  
**To:** anti-s@ncfta.net  
**CC:** Elverson, Christopher W. (CYD) (FBI)<cwelverson@fbi.gov>  
**Subject:** [anti-s] [REDACTED]

[REDACTED]

Thanks,  
Chris

[REDACTED]

*Chris Elverson | Supervisory Special Agent | FBI Cyber Division - CIRFU | PGP: 163E 1996 | Liaison at NCFTA, 2000  
Technology Dr, STE 450, Pittsburgh, PA 15219*

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

**From:** Leszczynski, Ryan J. (CYD) (FBI) via anti-s<anti-s@ncfta.net>  
**Sent on:** Monday, April 15, 2019 4:41:02 PM  
**To:** anti-s@ncfta.net  
**CC:** Leszczynski, Ryan J. (CYD) (FBI)<rjleszczynski@fbi.gov>  
**Subject:** [anti-s] 2019 International Task Force - collaboration

Hello anti-s:

Each year, the NCFTA and FBI host an "International Task Force" (ITF) for 45 days here in Pittsburgh, Pennsylvania. The 2019 ITF is comprised of cyber investigators and analysts from 22 different countries. The ITF presents a great opportunity for investigators to establish or enhance international partnerships and continue work on various investigative operations. Specifically, this year's ITF will focus on phish kit developers, business email compromise schemes and key criminal service providers.

During previous sessions, several organizations provided the ITF training/exposure on analytical platforms or collaborated directly with ITF participants. Finally, if you are planning on attending SlamSPAM in June, the ITF members will be there! **If you or your company has an interest in working with this year's ITF, please feel free to send me an email ([rjleszczynski@fbi.gov](mailto:rjleszczynski@fbi.gov)) to discuss further.**

The following countries will participate in this year's ITF:

Australia	Australian Federal Police (AFP)
Belarus	Investigative Committee of Belarus (ICB) - Chief Investigations Directorate
Brazil	Brazilian Departamento de Policia Federal (DPF) Cyber Crimes Unit
Bulgaria	General Directorate for Combating Crime
Canada	Royal Canadian Mounted Police (RCMP) - National Intelligence Coordination Centre (NICC)
Czech Republic	Czech National Police (PCR)
Germany	German Bundeskriminalamt (BKA) - Cybercrime Intelligence Operations
Hungary	Hungarian National Bureau of Investigation (NNI)
Indonesia	Indonesian National Police (INP)
Israel	Israeli National Police
Japan	National Police Agency, Chiba Prefecture
Korea	Supreme Prosecutors Office
Latvia	Latvian State Police
Malaysia	Commercial Crime Investigation Department
Moldova	National Inspectorate of Investigations of the General Inspectorate of Police of the Republic of Moldova
Netherlands	National Investigative Service - High-Tech Crime Team
New Zealand	High Tech Crime Group
Nigeria	Economic and Financial Crimes Commission
Poland	Centralnego Biura Śledczego Policji
Romania	Romanian National Police (RNP): Directorate for Combating Organized Crime (DCCO)
Ukraine	National Police of Ukraine (NPU), Cyber Police
United Kingdom	National Crime Agency (NCA)

-----  
Ryan J. Leszczynski

Supervisory Special Agent | FBI, Cyber Division  
Liaison, National Cyber Forensics and Training Alliance  
W: 412-618-3179 | [REDACTED]  
rjleszczynski@fbi.gov

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

**From:** Leszczynski, Ryan J. (CYD) (FBI) via anti-s<anti-s@ncfta.net>  
**Sent on:** Thursday, August 23, 2018 8:27:02 PM  
**To:** anti-s@ncfta.net  
**CC:** Leszczynski, Ryan J. (CYD) (FBI)<rjleszczynski@fbi.gov>  
**Subject:** [anti-s] Crypting Services

Hello everyone:

We are looking to better understand the actors/groups behind crypting (crypter) services - and ultimately identify the most prolific/popular service providers. Any insights or feedback would be appreciated.

Thanks,

Ryan

-----

**Ryan J. Leszczynski**  
Supervisory Special Agent | FBI, Cyber Division  
*Liaison, National Cyber Forensics and Training Alliance*  
W: 412-618-3179 | [REDACTED]  
rjleszczynski@fbi.gov



**From:** Janezic, Scott L. (MM) (FBI) via anti-s<anti-s@ncfta.net>  
**Sent on:** Friday, May 1, 2020 2:05:21 PM  
**To:** anti-s@ncfta.net  
**CC:** Janezic, Scott L. (MM) (FBI)<sljanezic@fbi.gov>  
**Subject:** [anti-s] Cyber Security Trends

Hey Ryan,

I will be participating in a webinar this month for the Miami Chamber of Commerce. I was wondering if you had any current cyber trends that the FBI is seeing that can be publicly consumed?

Thanks in advance,  
Scott

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

**From:** Leszczynski, Ryan J. (CYD) (FBI) via anti-s<anti-s@ncfta.net>

**Sent on:** Friday, July 24, 2020 5:43:52 PM

**To:** anti-s@ncfta.net

**CC:** Leszczynski, Ryan J. (CYD) (FBI)<rjleszczynski@fbi.gov>

**Subject:** [anti-s] Don Smith -

Hello everyone:

I am reposting this to anti-s. Don Smith, a strong and long-time contributor to this community (and many others) passed away recently.

While I never had the pleasure of meeting Don in person, I know how much he cared for the security community and, in particular, this listserv.

He will be greatly missed by all.

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

From: Leszczynski, Ryan J. (CYD) (FBI) via anti-s <anti-s@ncfta.net>  
Sent on: Wednesday, November 28, 2018 4:29:02 PM  
To: anti-s@ncfta.net  
CC: Leszczynski, Ryan J. (CYD) (FBI) <rjleszczynski@fbi.gov>  
Subject: [anti-s] FBI Private Industry Notification  
Attachments: [REDACTED]

Hello everyone:

Please see the attached Private Industry Notification regarding [REDACTED].

Ryan

-----  
Ryan J. Leszczynski  
Supervisory Special Agent | FBI, Cyber Division  
W: 412-618-3179 | [REDACTED]  
rjleszczynski@fbi.gov

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

From: Matt T via anti-s <anti-s@ncfta.net>  
Sent on: Sunday, August 22, 2021 2:59:52 AM  
To: anti-s@ncfta.net  
CC: Matt T <antis@rscubed.com>  
Subject: [anti-s] fbigov.cc

use as needed.

[REDACTED]

[REDACTED]

[REDACTED]

I can get it whacked easy enough but I thiught someone might want to have look at it...

Matt

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

**From:** Leszczynski, Ryan J. (CYD) (FBI) via anti-s<anti-s@ncfta.net>  
**Sent on:** Thursday, March 5, 2020 6:09:42 PM  
**To:** anti-s@ncfta.net  
**CC:** Leszczynski, Ryan J. (CYD) (FBI)<rjleszczynski@fbi.gov>  
**Subject:** [anti-s] FW: 2020 NCFTA Forum & SlamSpam

Hi everyone:

We are continuing to put together the agenda and plan for SlamSpam 10 alongside the NCFTA's Cyber Crime Forum. As most of you are aware, the spread of the coronavirus (Covid-19) has impacted conferences and travel plans across the globe. We are mindful of this, so the NCFTA developed a short survey to learn more about the impact Covid-19 has had on conference attendees.

If you plan to attend SlamSpam (or the Forum), would you mind completing this survey? Also, for Question #4 (or in any of the comments), would you use the hashtag (#slamspam)? This will give us a sense of how many folks on anti-s were planning to attend.

Thanks everyone.

Ryan

-----  
**Ryan J. Leszczynski**

Supervisory Special Agent | FBI, Cyber Division  
*Liaison, National Cyber Forensics and Training Alliance*  
412-618-3179 | rjleszczynski@fbi.gov

---

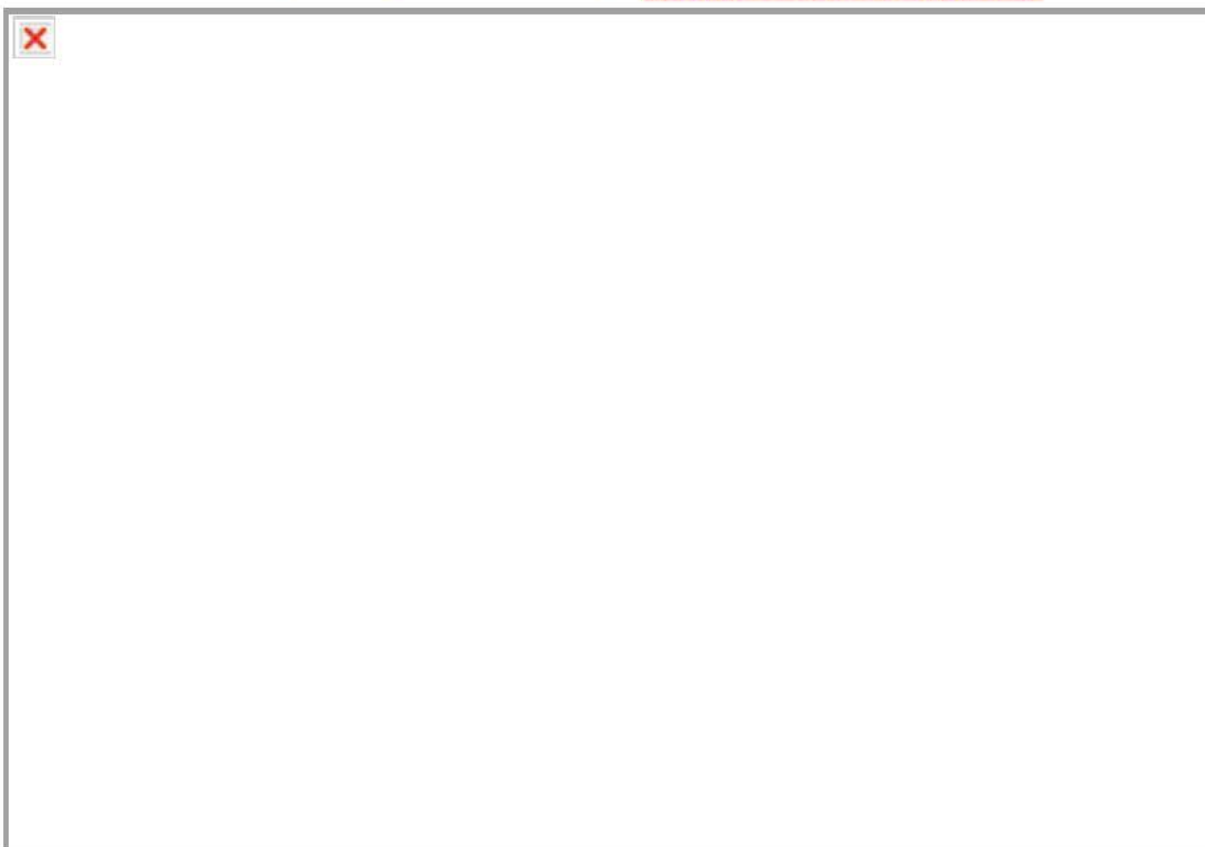
**From:**  
**Sent:** Wednesday, March 04, 2020 12:57 PM  
**To:**

**Cc:** Betler, Joy <jbetler@ncfta.net>  
**Subject:** 2020 NCFTA Forum

***Please continue to save the date for the Forum!***

***While we hoped to open registration this week, we are delaying our registration process as we monitor the Coronavirus COVID-19 and its potential impact on our conference.***

***Please assist us by taking a short survey: [TAKE THE SURVEY](#)***



[REDACTED]

[REDACTED]

[REDACTED]

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

**From:** Leszczynski, Ryan J. (CYD) (FBI) via anti-s<anti-s@ncfta.net>  
**Sent on:** Wednesday, January 8, 2020 8:47:30 PM  
**To:** anti-s@ncfta.net  
**CC:** Leszczynski, Ryan J. (CYD) (FBI)<rjleszczynski@fbi.gov>  
**Subject:** [REDACTED]

[REDACTED]  
Hello everyone:

Please see two recent [REDACTED]. If you have specific questions or feedback, please let me know.

-----  
**Ryan J. Leszczynski** Supervisory Special Agent | FBI, Cyber Division  
*Liaison, National Cyber Forensics and Training Alliance*  
412-618-3179 | rjleszczynski@fbi.gov

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

**From:** Leszczynski, Ryan J. (CYD) (FBI) via anti-s<anti-s@ncfta.net>  
**Sent on:** Wednesday, May 13, 2020 5:03:25 PM  
**To:** anti-s@ncfta.net  
**CC:** Leszczynski, Ryan J. (CYD) (FBI)<rjleszczynski@fbi.gov>  
**Subject:** [REDACTED]

Hello everyone:

Please see attached PSA and let me know if there are any questions.

Thank you.

Ryan

-----

**Ryan J. Leszczynski**

Supervisory Special Agent | FBI, Cyber Division

*Liaison, National Cyber Forensics and Training Alliance*

W: 412-618-3179 | [REDACTED]  
rjleszczynski@fbi.gov

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----



**From:** Leszczynski, Ryan J. (CYD) (FBI) via anti-s<anti-s@ncfta.net>  
**Sent on:** Tuesday, May 12, 2020 6:30:40 PM  
**To:** anti-s@ncfta.net  
**CC:** Leszczynski, Ryan J. (CYD) (FBI)<rjleszczynski@fbi.gov>  
**Subject:** [REDACTED]

Hi everyone:

Please see the following [REDACTED] Please let me know if there are any questions or comments.

Thanks,

Ryan

-----

**Ryan J. Leszczynski**

Supervisory Special Agent | FBI, Cyber Division

*Liaison, National Cyber Forensics and Training Alliance*

W: 412-618-3179 | [REDACTED]  
rjleszczynski@fbi.gov

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

From: Monarko, Mackenzie L. (CYD) (FBI) <mlmonarko@fbi.gov>  
Sent on: Friday, September 8, 2017 4:37:31 PM  
To: ANTI-S@ncfta.net  
Subject: [anti-s] [REDACTED]

Good Morning Anti-S!

[REDACTED]. We respectfully ask if you have any intel regarding this breach please let us know and we can get you in touch with our Atlanta case agents. As we gather information, we will disseminate any information possible.

Thank you and Happy Friday!

~Mackenzie~

-----  
SSA Mackenzie Monarko  
FBI Cyber Division - CIRFU  
National Cyber-Forensics & Training Alliance (NCFTA)  
2000 Technology Drive, Suite 450, Pittsburgh, PA 15219  
Office: (412) 618-3121  
[REDACTED]  
Email: mlmonarko@fbi.gov

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

**From:** Elverson, Christopher W. (CYD) (FBI) via anti-s<anti-s@ncfta.net>  
**Sent on:** Tuesday, August 7, 2018 9:05:01 PM  
**To:** anti-s@ncfta.net  
**CC:** Elverson, Christopher W. (CYD) (FBI)<cwelverson@fbi.gov>  
**Subject:** [anti-s] eWhiteHats

 Please  
contact me off list if so.

Thanks,  
Chris  
cwelverson@fbi.gov

*Chris Elverson | Supervisory Special Agent | FBI Cyber Division - CIRFU | 313-670-6824 | Liaison at NCFTA, 2000  
Technology Dr, STE 450, Pittsburgh, PA 15219*

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, November 30, 2018 4:42:27 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: Message Notification

Making arrangements with Chris to resend.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent: Friday, November 30, 2018 11:40:52 AM  
To: Antonakakis, Manos  
Subject: Fwd: Message Notification

Begin forwarded message:

From: Mail Delivery System <MAILER-DAEMON@mailgate3.darpa.mil<mailto:MAILER-DAEMON@mailgate3.darpa.mil>>  
Date: November 30, 2018 at 11:38:03 EST  
To: <jonathan.smith@darpa.mil<mailto:jonathan.smith@darpa.mil>>,<br><angelos.keromytis@darpa.mil<mailto:angelos.keromytis@darpa.mil>>,<br><christopher.schneck.ctr@darpa.mil<mailto:christopher.schneck.ctr@darpa.mil>>  
Subject: Message Notification

Dear ITS Customer:

We regret that an email message sent to you from "Antonakakis, Manos" <manos@gatech.edu<mailto:manos@gatech.edu>> with a subject of Final slide deck for PI meeting could not be delivered as it exceeds the 40MB email attachment limit on the DARPA Unclassified Network.

Please request that the sender deliver the file to you via another method.

If you have any questions or concerns or require assistance with other methods to deliver the file, please contact the ITS Help Desk at (703) 527-5527 (Toll-free 1-888-562-6742) or send a message to Action@darpa.mil<<mailto:Action@darpa.mil>>.

Respectfully,

ITS Customer Support

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Thursday, May 10, 2018 10:35:46 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; tejas@kududyn.com

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Thursday, May 10, 2018 10:35:46 PM

Subject: Re: Monday visit

Attachments: Nameless.txt (40.11 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Tuesday, April 24, 2018 1:37:42 AM

To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

CC: Antonakakis, Manos <manos@gatech.edu>; Tejas Patel <tejas@kududyn.com>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, April 24, 2018 1:37:42 AM

Subject: Re: Monday visit

Attachments: Nameless.txt (10.36 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Friday, May 11, 2018 3:08:58 PM

To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; manos@gatech.edu

CC: tejas@kududyn.com

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Friday, May 11, 2018 3:08:55 PM

Subject: RE: Monday visit

Attachments: Nameless.txt (41.12 KB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Friday, June 22, 2018 4:37:38 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Smith, Jonathan <jonathan.smith@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Friday, June 22, 2018 4:37:37 PM

Subject: Re: More Data from the CPB

Attachments: Nameless.txt (906 Bytes)



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, February 12, 2019 4:10:03 AM  
To: Rodney Joffe <rodney.joffe@team.neustar>; Christopher Schneck <christopher.schneck.ctr@darpa.mil>  
Subject: Re: Neustar Executive Visit to PI meeting March 8th

Thanks you Rodney for the email.

For you guys to attend the site visit I will need to get the green light from Chris. Chris, can you please check and let us know if you have any issues with this?

Thanks, Manos

---  
Typos due to mobile device ...

> On Feb 11, 2019, at 21:06, Rodney Joffe <rodney.joffe@team.neustar> wrote:

>  
> Hello Manos,  
>  
> As you know Neustar has been very involved in developing and improving our ability to provide capabilities and resources for you based on the apparent success of your EA and HACCS programs, using our data.  
>  
> As a result, I wonder if it would be possible for me, our CEO Charlie Gottdiener, Venkat Achanta, our Chief Data Officer, and Adm. (Ret) Mike Mullen (past Chairman of the Joint Chiefs) who is a board director of our data subsidiary to visit you during the PI day on March 8th?  
>  
> I think it would be extremely beneficial for my colleagues to see and understand the impact of our efforts, and to realize just how much of a difference we can make to the country's National Security efforts through GA Tech.  
>  
> They all obviously understand the sensitivity of the PI briefing and meeting, and would respect and sign whatever attendee documents are required of other sub-contractors on your program.  
>  
> Respectfully  
>  
> Rodney  
>  
> =====  
> Rodney Joffe  
> SVP, Senior Technologist, and Fellow  
> National Security Executive  
> Neustar, Inc.  
> 21575 Ridgetop Circle  
> Sterling VA 20166  
> USA  
> +1 202-533-2900 Direct  
> +1 602-418-6471 Cell  
> rodney.joffe@team.neustar  
>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, September 29, 2017 12:53:36 AM  
To: Hall, John <John.Hall@team.neustar>  
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>  
Subject: Re: Neustar Proposal for HACCS

John, thanks. This was the last item we had open. We will submit first thing in the morning.

Cheers,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Hall, John <John.Hall@team.neustar>  
Sent: Thursday, September 28, 2017 6:42:16 PM  
To: Antonakakis, Manos  
Cc: Joffe, Rodney; Hall, John  
Subject: Neustar Proposal for HACCS

Hello Manos,

Please find our 3 document proposal for the HACCS effort. I believe you'll find the pricing documents and the letter to be pretty straight forward, but please don't hesitate to give us a call with any questions or concerns. The Neustar Team has enjoyed working with your organization over the last year, and we're looking forward to working even more collaboratively going forward.

Respectfully,

John W Hall  
Neustar, Inc. / Sr. Director – Federal Business  
[ T ] (571) 246-2407 [ E ] john.hall@neustar.biz

---

The information contained in this e-mail message is intended only for the use of the recipient(s) named above and may contain confidential and/or privileged information. If you are not the intended recipient you have received this e-mail message in error and any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately and delete the original message

---

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, May 29, 2018 5:25:50 PM  
To: Pearson, Christina T <christina.pearson@dev.gatech.edu>  
CC: Corcoran, Sean <sean.corcoran@team.neustar>; Joffe, Rodney <Rodney.Joffe@team.neustar>  
Subject: Re: Neustar update & visit to Atlanta (and campus) next week

Many thanks Christina.

Sean, very pleased to meet you! Rodney is very much aware of my tremendously hectic schedule next week. I would love to meet you, but I will be hosting a very big and important event (that actually directly impacts Neustar in major ways) and my time is almost non excitant during normal hours.

Rodney, I can make myself available for dinner, if that works for you and Sean. I would like to hear more about the "Neustar Labs" idea --- sounds really intriguing. :)

Many thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Pearson, Christina T  
Sent: Tuesday, May 29, 2018 12:11:44 PM  
To: Antonakakis, Manos  
Cc: Corcoran, Sean  
Subject: Neustar update & visit to Atlanta (and campus) next week

Hi Manos,

Sean Corcoran, VP of Corporate Development at Neustar (and GT alumnus – also cc'd above), reached out to me requesting to set up a few meetings on campus next week between June 4th-7th. Neustar will have several executives in town and because they are extremely pleased with the work that your lab has done, they wish to explore more ways that Neustar could expand their presence across the GT campus. (see list below)

They will also be reaching out to you directly to schedule some time for these Neustar executives to meet with your team, but they will not necessarily attach this to their visit to campus. Stay tuned for an email from Rodney or Sean.

Just wanted to give you a quick heads up....and feel free to reach back out with any questions.

Thanks,  
Christina

Neustar visitors:  
Venkat Achanta, Chief Data and Analytics Officer  
Rodney Joffe, SVP and Neustar Fellow  
Sean Corcoran, VP of Corporate Development

Areas of interest across campus (3 hours):

(1) Intro to new ECE Chair – Magnus Egerstedt

(2) "Neustar Labs" – possibly establishing an Innovation Lab on/near campus – Greg King

(3) VentureLab – meet/greet and short tour – would like to possibly leverage GT technologies/companies going forward – individual TBD (Keith McGreggor, or other?)

Christina T. Pearson  
Director of Corporate Relations  
Georgia Institute of Technology  
Office of Development  
Atlanta, GA 30332-0220

Phone: 404.894.6007  
cpearson@gatech.edu

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Thursday, February 1, 2018 7:53:58 PM

To: Antonakakis, Manos <manos@gatech.edu>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Thursday, February 1, 2018 7:53:51 PM

Subject: Re: New ActiveDNS O(1) query system and Hypergraph

Attachments: Nameless.txt (705 Bytes)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, August 25, 2017 6:02:45 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: Nomination

Indeed!

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent: Friday, August 25, 2017 1:00:02 PM  
To: Antonakakis, Manos  
Subject: Fwd: Nomination

I told them no, but the timing of this is funny given our recent conversation :)  
-Angelos

Begin forwarded message:

From: "Stony Brook University CEAS - Chair, Department of Computer Science"  
<SBU.ChairCS@russellreynolds.com<mailto:SBU.ChairCS@russellreynolds.com>>  
Subject: Nomination  
Date: August 24, 2017 at 4:14:21 PM EDT  
To: "angelos.keromytis@darpa.mil<mailto:angelos.keromytis@darpa.mil>"  
<angelos.keromytis@darpa.mil<mailto:angelos.keromytis@darpa.mil>>

Dear Dr. Keromytis,

On behalf of the Search Committee for the next Chair of the Department of Computer Science at Stony Brook University, we are delighted to inform you that you have been nominated as a candidate for this important leadership position. The Search Committee has solicited nominations from individuals for whom they have high regard, and your name has been suggested to us with great enthusiasm as one who would be an outstanding chair.

An academic unit of the College of Engineering and Applied Sciences, the Department of Computer Science (CS) is ranked within the top tier (#40) of national universities by U.S. News and World Report, and the National Research Council ranks CS among the top 10% of computer science graduate programs in the U.S. In the most recent Gourman report of undergraduate computer science programs, Stony Brook was ranked 15th in the U.S. and second in New York State. The Computer Science department has seen a substantial increase in majors as enrollment has grown from 678 undergraduates in 2012 to over 1,100 today. Computer Science is now the third largest undergraduate major on campus. With annual research expenditures of approximately \$8 million, the department is home to 42 tenured and tenure-track faculty members, 10 teaching and research faculty, and 500 graduate students (200 of which are Ph.D. students). Many of the faculty are engaged in multidisciplinary research with colleagues in Stony Brook's School of Medicine and the nearby Brookhaven National Laboratory and Cold Spring Harbor Lab.

In 2015, the department opened a 70,000 square-foot, state-of-the-art building to accelerate growth in collaborative research. In June 2017, the College of Engineering and Applied Sciences was awarded two grants totalling \$4.5 million to recruit and retain exceptional individuals that strengthen the University's research productivity in two high economic opportunity areas of state and national significance – artificial intelligence (AI) and cybersecurity. These hires will also accelerate the development of the emergent Institute for AI-Driven Discovery & Innovation.

Reporting to the Dean, the Department Chair will provide vision and leadership for the CS department to advance its national and international reputation. Interested candidates should have a Ph.D. in computer science or a related field, as well as an outstanding record in research with a strong funding record. The successful candidate must qualify to be a Full Professor with tenure.

Click here <<https://russellreynoldsassociates.sharefile.com/d-sd167ba864ab43048>> to view the Position Specification. If you are interested in considering the opportunity, please send a copy of your CV (and any supporting materials you deem relevant), so that we may share it with the Search Committee on a strictly confidential basis. All materials should be submitted electronically to [SBU.ChairCS@russellreynolds.com](mailto:SBU.ChairCS@russellreynolds.com). If you have questions about the opportunity or process, we would be delighted to schedule a conversation with you. Alternatively, you may email your questions.

We look forward to hearing from you.

Best,

Jett

Jett Pihakis

Russell Reynolds Associates

1700 New York Avenue, NW | Suite 400 | Washington, DC | 20006-5208

T: +1-202-654-7870 | Jett's bio <<http://www.russellreynolds.com/consultants/jett-pihakis>>

RussellReynolds.com <<http://www.russellreynolds.com/>>

Executive Assistant: Christina Richards

T: +1-202-654-7837

[christina.richards@russellreynolds.com](mailto:christina.richards@russellreynolds.com) <<mailto:christina.richards@russellreynolds.com>>

---

This email may contain confidential information. If you are not the intended recipient, you should notify the sender and delete the email and any attachment.

All emails sent and received by members of Russell Reynolds Associates are scanned for viruses and may be monitored centrally.

If you have sent personal information to Russell Reynolds Associates, please read our Privacy Policy by clicking <http://www.russellreynolds.com/content/privacy-policy>

From: Angelos D. Keromytis [redacted] >

Sent on: Sunday, March 11, 2018 3:31:30 AM

To: dagon [redacted] >

CC: Tejas Patel [redacted]; Michael.Farrell@gtri.gatech.edu; Manos Antonakakis <manos@gatech.edu>

Subject: Re: notes 20180302

Attachments: PGP/MIME Versions Identification (12 Bytes), encrypted.asc (7.63 KB)



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, November 9, 2017 2:57:15 PM  
To: Jonathan.smith@darpa.mil; Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>  
CC: Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>  
Subject: Re: Notification HR001117S0051-HACCS-FP-029

Dr. Smith, and Angelos, many thanks for the great news. The team is ready to execute against the goals of this project and (as always) over deliver!

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Farrell, Michael <Michael.Farrell@gtri.gatech.edu>  
Sent: Wednesday, November 8, 2017 3:20:44 PM  
To: HACCS  
Cc: Antonakakis, Manos  
Subject: Re: Notification HR001117S0051-HACCS-FP-029

Hello,

Thank you for the notification. We are excited about the news and look forward to working this program. Standing by for further discussions about next steps.

For your records, there was a hiccup at submission time that was documented (see attached) and just want to make sure you are tracking the appropriate info (e.g. DUNS number, CAGE code, etc).

Best,

Michael

On 11/8/17, 12:31 PM, "HACCS" <haccs@darpa.mil> wrote:

Dear Proposer,

Please see the attached file regarding your proposal submission (HR001117S0051-HACCS-FP-029) that was submitted to the Harnessing Autonomy for Countering Cyberadversary Systems (HACCS) solicitation.

Regards,

DARPA/I2O

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, January 29, 2020 4:42:05 AM  
To: Rodney Joffe <rodney.joffe@team.neustar>  
CC: Neal, Alexander G <agneal7@gatech.edu>  
Subject: Re: NSR data transfer issues

:)

—  
Manos Antonakakis | Associate Professor | manos@gatech.edu  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Rodney Joffe <rodney.joffe@team.neustar>  
Sent: Tuesday, January 28, 2020 11:41 PM  
To: Antonakakis, Manos  
Cc: Neal, Alexander G  
Subject: Re: NSR data transfer issues

Thanks Manos, I rattled Mark Robinson's cage... should see a reach out...

> On Jan 28, 2020, at 3:01 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Hey Rodney,

>

> Circled back with my team and it appears that we had some problems with the last few shipments of data from NSR. We do not have any storage problems from our end, so what I would suggest we do is put Alex (CCed) in touch with someone in your team to both: fix the issues we have with the drives you sent to us but also speed up the process (so we can get the remaining data faster).

>

> While I do not think there is a call necessary, happy to jump on a call if you want me to.

>

> Thanks,

>

> —

> Manos Antonakakis | Associate Professor | manos@gatech.edu  
> School of Electrical and Computer Engineering  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Tuesday, August 22, 2017 9:42:58 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Tuesday, August 22, 2017 9:42:57 PM

Subject: Re: On site visit update

Attachments: Nameless.txt (457 Bytes)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, November 13, 2017 3:52:41 PM  
To: Paul Vixie <vixie@fsi.io>  
Subject: Re: ping



—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Paul Vixie <[vixie@fsi.io](mailto:vixie@fsi.io)>  
Sent on: Monday, November 13, 2017 3:50:42 PM  
To: Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
Subject: Re: ping

> Antonakakis, Manos <<mailto:manos@gatech.edu>>  
> Monday, November 13, 2017 03:48  
> If we can do this around 17.00 or 17.30 EST, that would be ideal.

i'll take the later option. i am [REDACTED] on googletalk. you?

--

P Vixie

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, November 13, 2017 11:48:22 AM  
To: Paul Vixie <vixie@fsi.io>  
Subject: Re: ping

If we can do this around 17.00 or 17.30 EST, that would be ideal.

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: vixie@fsi.io <vixie@fsi.io> on behalf of Paul Vixie <vixie@fsi.io>  
Sent: Sunday, November 12, 2017 9:19:26 PM  
To: Antonakakis, Manos  
Subject: Re: ping

monday after 17:00 ET suits me. how much later, though? i don't want to intrude on your family time.

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Saturday, November 11, 2017 11:38:27 AM  
To: Paul Vixie <vixie@fsi.io>  
Subject: Re: ping

Paul, not a problem. Monday I can do anytime after 17.00 EST and Tuesday I can do anytime after 16.00 EST. You let me know what works best for you.

Let's do Skype or gtalk if you do not mind. My ids are [REDACTED] and [REDACTED].

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: vixie@fsi.io <vixie@fsi.io> on behalf of Paul Vixie <vixie@fsi.io>  
Sent: Friday, November 10, 2017 2:43:45 PM  
To: Antonakakis, Manos  
Subject: Re: ping

thanks for your kind answer. i had a 06:30 ET flight out of ATL this morning, and obligations in SFO that made me unable to change it. i'd be happy to meet up with you at M3AAWG, but i'd prefer not to leave matters unsettled between us from now until february. perhaps we could meet by gtalk or webex or similar, on monday, november 13, at a time of your choosing? --paul

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, November 10, 2017 12:28:20 AM  
To: Paul Vixie <vixie@fsi.io>  
Subject: Re: ping

Paul, you are a stand up guy for just sending this email.

Yes, I would like for the two of us to chat, clear the air and work together --- the Internet would be a safer place in that event. However, I just arrived home. [REDACTED]  
[REDACTED]. Tomorrow I will be in my office until noon. After noon, my day gets very busy full of meetings I cannot reschedule.

If you have time tomorrow, you are more than welcome to swing by my office. Otherwise, we can chat in the next MAAWG?

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: vixie@fsi.io <vixie@fsi.io> on behalf of Paul Vixie <vixie@fsi.io>  
Sent: Thursday, November 9, 2017 6:41:43 PM  
To: Antonakakis, Manos  
Subject: ping

i'm in atlanta tonight, having dinner with dagon.

it made me remember that i owe you several apologies, for farsight's insensitivity and rudeness when we were commercializing DNSDB and SIE.

i would like to have an opportunity to hear your grievances against us and answer them. even if it does not result in us working together, i feel a need to clear the air.

--  
P Vixie



From: Paul Vixie <vixie@fsi.io>  
Sent on: Monday, November 13, 2017 4:09:05 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: ping

ok, sent you an invite.

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Sunday, August 27, 2017 9:51:01 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Sunday, August 27, 2017 9:51:00 PM

Subject: Re: Please send again the following two set of indicators

Attachments: Nameless.txt (488 Bytes)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, August 8, 2018 10:53:07 PM  
To: Tejas Patel <tejas@kududyn.com>  
CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Subject: Re: POM cycles

Gents, you know more than I do in this space, and your argument Tejas is sound.

However, asking them to contribute something relatively small in the FY19 and FY20, will not only practically demonstrate their interest but also reduce our risk of delivering case studies in void. Looks to be a very basic and simply way you can "qualify" a technology transition prospect. You do not impose --- just give them the option.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Tejas Patel <tejas@kududyn.com>  
Sent: Wednesday, August 8, 2018 5:36:56 PM  
To: Antonakakis, Manos  
Cc: Keromytis, Angelos; Schneck, Christopher (contr-i2o)  
Subject: Re: POM cycles

Manos,

That makes sense... if you aren't working with the Government. POM cycles truly are a two year ordeal. What we put together will go up the chain \*all the way to Congress\* and back down the chain. On the way up and down people will do shenanigans that will frustrate us. Welcome to POM'ing for money. As crazy as it sounds, from my perspective, this is a \*good\* thing and shows that they are serious about the transition effort. The last I2O program I saw POM for money and transition was Plan X. Take a look at <https://defensesystems.com/articles/2017/09/20/army-cyber-defense-darpa-plan-x.aspx>. From the article the XX quotes that matter:

"DARPA has been partnering with Invincea Labs LLC, Arlington, VA, to create Plan X since 2013."

"On September 14[, 2017] Invincea received an additional \$20,517,535 cost-plus-fixed-fee completion modification to their initial, \$120 million, contract with DARPA."

It isn't true Invincea (now Two Six Labs) received \$120M but all the performers on Plan X combined received \$120M, it is true Invincea received a plus up of ~\$20.5M.

Regards,  
Tejas

Tejas Patel  
Principal investigator  
Kudu Dynamics  
+1 919-332-3191 (c)  
tejas@kududyn.com <<mailto:tejas@kududyn.com>>

On Wed, Aug 8, 2018 at 5:26 PM, Antonakakis, Manos <manos@gatech.edu<<mailto:manos@gatech.edu>>> wrote:  
Making estimates today for FY21 reminds me of the business plan that VCs ask from you during your pitch (and throw

away the moment you are done with your pitch). Any estimates for FY21 will be by definition off the mark. Actually, the very first read of such a request places in serious doubts their overall intention/desire to transition what we do.

Perhaps, a more realistic approach is a smaller and gradual investment over the FY19 and FY20, which will allow a transition entity to get up to speed and serve them long-term through the FY21 budget. Thoughts?

Thanks,

---

Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu) <<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <[angelos.keromytis@darpa.mil](mailto:angelos.keromytis@darpa.mil)<<mailto:angelos.keromytis@darpa.mil>>>  
Sent: Wednesday, August 8, 2018 10:21:17 AM  
To: Schneck, Christopher (contr-i2o); Antonakakis, Manos; Tejas Patel ([tejas@kududyn.com](mailto:tejas@kududyn.com)<<mailto:tejas@kududyn.com>>)  
Subject: Re: POM cycles

Yup

On 8/8/18, 8:39 AM, "Schneck, Christopher (contr-i2o)"  
<[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)<<mailto:christopher.schneck.ctr@darpa.mil>>> wrote:

AFOSI wants our input to their FY21 POM in early FY19. I knew this was a long process, but I didn't think it was this long! I imagine USCC is in the same boat but I will ask.

So with that in mind, we have some time to work our input to that plan. I don't think it's a bad idea to start putting a draft together now to get everyone's feedback and get the process started.

V/r,

Chris Schneck  
DARPA I2O SETA  
571-524-3821 (cell)  
918-6691

-----Original Message-----

From: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY  
<[jason.stambaugh@us.af.mil](mailto:jason.stambaugh@us.af.mil)<<mailto:jason.stambaugh@us.af.mil>>>  
Sent: Tuesday, August 7, 2018 8:35 PM  
To: Schneck, Christopher (contr-i2o) <[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)<<mailto:christopher.schneck.ctr@darpa.mil>>>  
Subject: RE: POM cycles

Chris,

We have already begun planning and prioritizing for the FY21 POM. The current POM we have in is for FY20. We should get something together early in FY19 for FY21.

Hope that helps!

Jason D. Stambaugh, SA, USAF  
AFOSI Cyber Investigations & Ops  
Deputy PM for Manpower & Training

Commercial: (571) 305-8850

DSN: (312) 240-8850

NSTS: 918-5739

SIPR: jason.d.stambaugh2.mil@mail.smil.mil<mailto:jason.d.stambaugh2.mil@mail.smil.mil>

JWICS: jason.stambaugh@af.ic.gov<mailto:jason.stambaugh@af.ic.gov>

-----Original Message-----

From: Schneck, Christopher (contr-i2o) [

<mailto:christopher.schneck.ctr@darpa.mil><<mailto:christopher.schneck.ctr@darpa.mil>>]

Sent: Tuesday, August 7, 2018 8:48 AM

To: STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY

<jason.stambaugh@us.af.mil<mailto:jason.stambaugh@us.af.mil>>

Subject: POM cycles

Jason,

As we are working to put together some ideas/options for transition, can you share some insight into how the POM cycles/process works? Which POM cycle are you preparing for and envision EA fitting into? FY 19, FY 20? What are the deadlines for such request?

Thanks,

V/r,

Chris Schneck

DARPA I2O SETA

571-524-3821 (cell)

918-6691

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Thursday, September 21, 2017 10:19:38 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: Pre pub check --- IISP presentation

[https://www.rand.org/pubs/research\\_reports/RR2081.html](https://www.rand.org/pubs/research_reports/RR2081.html)

On Sep 21, 2017, at 5:17 PM, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

I will. No I have not. Can you share it?

—  
Manos Antonakakis | manos@gatech.edu<<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil<mailto:angelos.keromytis@darpa.mil>>  
Sent: Thursday, September 21, 2017 5:15:44 PM  
To: Antonakakis, Manos  
Cc: Patel, Tejas (contr-i2o)  
Subject: Re: Pre pub check --- IISP presentation

This is fine. Push it through DISTAR.

Also, you've seen the RAND report on attribution?

On Sep 21, 2017, at 4:30 PM, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Guys, I will be giving the following talk to the IISP Attribution summit next week. It is hard to talk about attribution for 20 minutes without saying anything, however I think I figured it out.

See attached slides, and let me know if you have any problems with any of the slides.

Cheers,

—  
Manos Antonakakis | manos@gatech.edu<<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

<Attribution.pptx>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Friday, January 5, 2018 5:23:15 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: mikef@kududyn.com; Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Friday, January 5, 2018 5:23:14 PM

Subject: Re: probably useful in the near future

Attachments: Nameless.txt (1.14 KB)

From: Angelos D. Keromytis [REDACTED] >  
Sent on: Thursday, February 1, 2018 4:02:31 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: project for one of your students

Yes, indeed.

> On Feb 1, 2018, at 10:56, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> It is evident that you are start thinking DNS. I infected you with the bug. :)

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_

> From: Angelos D. Keromytis [REDACTED]  
> Sent: Thursday, February 1, 2018 9:12:04 AM  
> To: Antonakakis, Manos  
> Subject: Re: project for one of your students

>  
> □□

>  
>> On Feb 1, 2018, at 06:11, Antonakakis, Manos <manos@gatech.edu> wrote:

>>  
>> [REDACTED] and [REDACTED] will run with this.

>>  
>> LOVE IT.

>>  
>> —  
>> Manos Antonakakis | manos@gatech.edu  
>> Georgia Institute of Technology  
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>  
>>  
>> \_\_\_\_\_

>> From: Angelos D. Keromytis [REDACTED]  
>> Sent: Thursday, February 1, 2018 12:05:59 AM  
>> To: Antonakakis, Manos  
>> Subject: project for one of your students

>>  
>>  
>> Which networks or regions see the most software crashes, as measured by crash reports being sent up?

>



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, July 26, 2017 7:39:59 PM  
To: DeJong, Steve <Steve.DeJong@team.neustar>; Kountouras, Athanasios <kountouras@gatech.edu>; Lever, Charles C <clever3@gatech.edu>  
CC: Joffe, Rodney <Rodney.Joffe@team.neustar>  
Subject: Re: proposal from GT

Thano, please work with Chaz to get the specs Steve needs for the docker instances.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: DeJong, Steve <Steve.DeJong@team.neustar>  
Sent: Wednesday, July 26, 2017 12:05:56 PM  
To: Kountouras, Athanasios  
Cc: Joffe, Rodney; Antonakakis, Manos  
Subject: Re: proposal from GT

Thanks. this appears fairly straightforward.

I have taken the initial step of working to get an AWS account set up since we already have other services working on AWS within Neustar. I also have several ideas regarding building the lists of interesting domains to look at - since we are already getting certain feeds from places like spamhaus and others.

Can you provide details of what is running on the docker instances?

Steve De Jong: Neustar, Inc.  
+1.206.604.3353

> On Jul 25, 2017, at 3:56 PM, Athanasios Kountouras <kountouras@gatech.edu> wrote:  
>  
> Hello,  
>  
> Here is the proposal from Georgia Tech by Manos and myself.  
>  
>  
> Thank you,  
> Thanos  
>  
> <proposal.pdf>

**From:** Angelos D. Keromytis [REDACTED]  
**Sent on:** Friday, January 19, 2018 5:51:16 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: Quick follow up

Cool, thanks for the heads up!

On Jan 19, 2018, at 10:11, Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)> wrote:

---

Typos due to mobile device ...

Begin forwarded message:

**From:** "Ahamad, Mustaque" <[mustaq@cc.gatech.edu](mailto:mustaq@cc.gatech.edu)>  
**Date:** January 19, 2018 at 09:34:14 EST  
**To:** Stelios Sidiroglou-Douskos <[stelios@csail.mit.edu](mailto:stelios@csail.mit.edu)>  
**Subject:** Quick follow up

Stelios,

Thanks for getting your letters to us. I am getting great feedback from everyone you met and we should be able to get our faculty meeting and vote all wrapped up in the next two weeks. Based on feedback so far, I do hope we will be able to plan a second visit to Atlanta by you and your family in mid-February.

Please do not hesitate to give me a call at my mobile at [REDACTED] if you have any questions at all. I hate to spam you too many times but I am trying to quickly get everything done at this end so we can move forward to next steps.

I understand you will meet Vivek next week at a PI meeting. He will be able to answer questions as well.

Mustaque

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, August 22, 2018 9:09:55 PM  
To: Smith, Jonathan <jonathan.smith@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>  
CC: Lever, Charles C <chazlever@gatech.edu>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
Subject: Re: RAID Travel Authorization

Many thanks JMS!

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Smith, Jonathan <jonathan.smith@darpa.mil>  
Sent: Wednesday, August 22, 2018 12:43:51 PM  
To: Antonakakis, Manos; Keromytis, Angelos  
Cc: Lever, Charles C; Mitchell, Michael F  
Subject: Re: RAID Travel Authorization

Approved.  
-JMS

On 8/22/18, 11:10 AM, "Antonakakis, Manos" <manos@gatech.edu> wrote:

PM Team, Chaz would like to attend the RAID conference. I think this will be beneficial for our EA project. Can I please get the green light from you on this?

Thanks,

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Mitchell, Michael F  
Sent: Wednesday, August 22, 2018 9:03:03 AM  
To: Lever, Charles C  
Cc: Antonakakis, Manos  
Subject: Re: RAID Travel Authorization

Yes you will need to create a travel authorization. Additionally Manos needs to request permission for you to travel on the Rhamnousia project from the sponsor prior to you booking travel.

Michael

---

From: Lever, Charles C  
Sent: Tuesday, August 21, 2018 10:51:58 PM  
To: Mitchell, Michael F

Subject: RAID Travel Authorization

Hi Michael,

I'm planning on attending the RAID security conference in Crete. What do I need to do to get a travel authorization created?

--

Chaz Lever

Senior Research Scientist @ Georgia Institute of Technology

xxx.chazlever.com <hxxp://xxx.chazlever.com> | chazlever@gatech.edu <mailto:chazlever@gatech.edu>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Sunday, August 5, 2018 12:31:27 PM  
To: Smith, Jonathan <jonathan.smith@darpa.mil>  
CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>  
Subject: Re: Raid Travel

Much obliged, JMS.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Smith, Jonathan <jonathan.smith@darpa.mil>  
Sent: Sunday, August 5, 2018 7:28:17 AM  
To: Antonakakis, Manos  
Cc: Keromytis, Angelos; Mitchell, Michael F  
Subject: Re: Raid Travel

Yes

Jonathan M. Smith, DARPA/I2O  
T: 703.526.4176, C: 571.481.7228

> On Aug 4, 2018, at 9:14 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> EA PM, team.  
>  
> [REDACTED] needs to attend RAID because a number of interesting intrusion detection papers relevant to our detection research will be presented. Can I please have your permission to send the student to RAID?

>  
> Thanks,

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Mitchell, Michael F  
> Sent: Friday, August 3, 2018 6:20:55 PM  
> To: Antonakakis, Manos  
> Subject: Fwd: Raid Travel

>  
> Hey Manos,  
>  
> I've been looking into the travel request by [REDACTED] to attend the raid conference in Greece.

>  
> Most federal programs dont allow for international travel. But since we specifically identified RAID as a program that we planned to travel to.

>  
> I asked for guidance on this, and was told that we would need permission from the sponsor to proceed. I believe that

██████ is largely on rhamnusia, so we would need their permission.

>  
> If you could provide the rational and benefit to the program for this travel, OSP will reach out to the sponsor for special permission.  
>  
> Thanks!  
>  
> Michael  
>  
> Get Outlook for Android<hxxxps://aka.ms/ghei36>  
>  
>  
>  
> From: Burke, Roberta  
> Sent: Friday, August 3, 4:06 PM  
> Subject: RE: Raid Travel  
> To: Mitchell, Michael F  
>  
>  
> Hi Michael,  
>  
> I reviewed both "proposed budgets" and didn't see any foreign travel. But the budget justification does state "The PIs, Post-Docs and Grad Students plan to attend industry conferences for research."  
>  
> GIT operates under 2CFR200 Cost Principles, so I believe the costs would be allowable, but subject to the government's CO approval (since we did not propose any foreign travel).  
>  
> I would recommend, subject to your or the PI's approval, that we send a note to the government CO seeking their concurrence.  
>  
> If the PI concurs, please provide the rational for the GRA to attend the trip (how this benefits the program) and confirmation that we are not requesting any additional funding.  
>  
>  
> Best Regards,  
>  
> Roberta Burke, CPCM, CRA  
> Associate Director  
> Office of Sponsored Programs  
> Georgia Institute of Technology  
> (v) 404-385-2082  
>  
> From: Mitchell, Michael F  
> Sent: Friday, August 3, 2018 1:02 PM  
> To: Burke, Roberta <Roberta.Burke@osp.gatech.edu>  
> Subject: Raid Travel  
>  
> Hey Roberta,  
>  
> I have a GRA that will be attending the 2018 Raid Symposium in Greece in September. This student works primarily on RH512 the EA Rhamnusia project with AFRL. I know that generally speaking these types of programs with the Fed Government don't allow for international travel. But we specifically outlined this conference in our proposal documents if im not mistaken. What do we do in that situation? Is it allowable or do we need to figure something out?  
>  
> Thanks!  
>  
> Michael Mitchell

- >
- > Research Operations Program Manager
- > GEORGIA Institute
- > of TECHNOLOGY
- > School of Electrical and Computer Engineering
- > 777 Atlantic Drive NW
- > Atlanta, GA 30332-0765
- > Phone: 404-385-8122

>

>

>

>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Wednesday, August 29, 2018 4:12:18 PM

To: manos@gatech.edu

CC: Smith, Jonathan <jonathan.smith@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>;

Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Wednesday, August 29, 2018 4:13:08 PM

Subject: Re: Regarding D60

Attachments: Nameless.txt (850 Bytes)



From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Thursday, August 2, 2018 10:21:42 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Hook, Lisa <lisa.hook@team.neustar>; Joffe, Rodney <Rodney.Joffe@team.neustar>

Subject: Re: Regarding HACCS

(I'm not 100% sure what it is that Manos is taking responsibility for.)

Lisa, Rodney, happy to talk to you and Charlie; I'd like to keep the conversation at that level to avoid the confusion that arises from having too many cooks in the kitchen. I'm scheduled to be in Atlanta until August 22), but I can get on a plane or a phone call earlier if needed.

Best,

-Angelos

> On Aug 2, 2018, at 16:14, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Hey Lisa,

>

> I would like to reiterate that I take full responsibility for the HACCS delay. The ECP (contract modification) between GT and DARPA takes time we are in the process of finalize this modification. At the same time, I would like to have Angelos relay the status of everything we are doing (HACCS and EA) in person --- especially if Charlie is available for a meeting. My understanding is that Angelos would be more than happy to swing by your offices.

>

> Many thanks,

>

> —

> Manos Antonakakis | manos@gatech.edu

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

From: Angelos D. Keromytis [REDACTED] >  
Sent on: Monday, February 12, 2018 4:29:10 PM  
To: Ahamad, Mustaque <mustaq@cc.gatech.edu>  
CC: Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: Regarding Stelios

Let's try at 5:30? I'll call you then.

> On Feb 12, 2018, at 11:05, Ahamad, Mustaque <mustaq@cc.gatech.edu> wrote:

>

> Thanks Angelos. My cell phone number is [REDACTED]. Other than 1-3 and 4-5 meetings today, I am available. We can also talk in the evening if that works better for you.

>

> Mustaque

>

>

> On 2/12/18, 11:01 AM, "Angelos D. Keromytis" [REDACTED] > wrote:

>

> Sure, when?

>

>> On Feb 12, 2018, at 11:00, Antonakakis, Manos <manos@gatech.edu> wrote:

>>

>> Angele, can you please get on a call with Mustaque about Stelios. I think we need your help with him.

>>

>> Thanks,

>>

>> —

>> Manos Antonakakis | manos@gatech.edu

>> Georgia Institute of Technology

>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>

>

>

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Saturday, June 16, 2018 3:23:44 AM  
To: Angelos D. Keromytis [REDACTED]  
Subject: Re: Revised Statement of Accomplishment

OK, thanks --- I will keep it because it will help (according to Doug).

If you are uncomfortable for whatever reason, please let me know by Monday and I will remove the paragraph. They plan to send everything to the letter writers Tuesday.

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Angelos D. Keromytis [REDACTED]  
Sent: Friday, June 15, 2018 10:19:36 PM  
To: Antonakakis, Manos  
Subject: Re: Revised Statement of Accomplishment

It's a little weird to point to me, but I'm OK. The DARPA Riser mention is good.

> On Jun 15, 2018, at 11:38 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Two more changes. Removing JMS, because he will write a letter (I would like this to appear that came from him directly and not you). Adding a public pointer from Pano's "DARPA Riser" recognition.

>

> It is worth noting that research on this topic is subject of Dr. Antonakakis' ongoing effort on his DoD and DARPA projects. To date, he has had significant practical successes and is on the way of producing a number of publications in the area of attack attribution. However, due to potential national security implications from the results of his research, the publication of the attribution analysis is slower than normal for reasons that Dr. Angelos Keromytis could explain. As a small sign of the impact behind the attribution research conducted by the team Dr. Antonakakis leads, one of his senior Ph.D. students has been recently selected for the very prestigious "DARPA Riser" recognition (<https://www.ece.gatech.edu/news/606794/kintis-selected-darpa-riser>).

>

> If you do not like the "due to potential national security implications from the results of his research", I can replace it with: "due to the various societal sensitivities surrounding the results of his research" or something along the same lines.

>

> Se zalisa, to xero. Sorry.

>

> —

> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

>

---

> From: Antonakakis, Manos  
> Sent: Friday, June 15, 2018 10:47:53 AM  
> To: Angelos D. Keromytis  
> Subject: Re: Revised Statement of Accomplishment

>

> A bit cleaner. Let me know what you think.

>  
> It is worth noting that research on this topic is subject of Dr. Antonakakis' ongoing effort on his DoD and DARPA projects. To date, he has had significant practical successes and is on the way of producing a number of publications in the area of attack attribution. However, due to potential national security implications from the results of his research, the publication of the attribution analysis is slower than normal for reasons that Dr. Angelos Keromytis and Dr. Jonathan Smith could explain.

>  
> Are you OK with this?

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Antonakakis, Manos  
> Sent: Friday, June 15, 2018 9:23:25 AM  
> To: Angelos D. Keromytis  
> Subject: Re: Revised Statement of Accomplishment

>  
> What if I say at the very end the following:  
>  
> Research on this topic is subject of your his ongoing DoD and DARPA projects, which has had significant practical successes and is on the way to producing significant publications in the area of attack attribution. Due to potential national security implications, the publication of the attribution analysis is slower than normal for reasons that Dr. Angelos Keromytis and Dr. Jonathan Smith could explain.

>  
> Am I going too far with this or no?

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Angelos D. Keromytis [REDACTED] >  
> Sent: Friday, June 15, 2018 8:52 AM  
> To: Antonakakis, Manos  
> Cc: fabian@cs.unc.edu  
> Subject: Re: Revised Statement of Accomplishment

>  
> Looks good.

>  
>> On Jun 15, 2018, at 8:52 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>  
>> Pleiades was used for two takedowns, yes. I will add them to the document.

>>  
>> In the very last paragraph I am feeling that I am already saying too much. Maybe remove it completely (so I will not leave the reader being confused)?

>>  
>> Overall not cocky, correct?

>>  
>> —  
>> Manos Antonakakis | manos@gatech.edu  
>> Georgia Institute of Technology

>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>

>>

>>

>> From: Angelos D. Keromytis [REDACTED]

>> Sent: Friday, June 15, 2018 8:49:32 AM

>> To: Antonakakis, Manos

>> Cc: fabian@cs.unc.edu

>> Subject: Re: Revised Statement of Accomplishment

>>

>> I didn't touch the technical contributions, and added a couple of questions in the comments for you (for minor fixups).

>>

>> Was Notos or Pleiades used for any takedowns that you can mention?

>>

>> Likewise, can you be more specific in the very last paragraph? (For things you \*can\* talk about, obviously.)

>> -Angelos

>>

>>

>>> On Jun 14, 2018, at 9:38 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>>

>>> Gents, the tenure committee kicked back to me the Statement of Accomplishments because it was "too modest". I am not surprised because I suck when I sell myself.

>>>

>>> Do you mind talking a quick look to make sure I am not too cocky with my statements? Any feedback is more than welcomed!

>>>

>>> Thanks,

>>>

>>> —

>>> Manos Antonakakis | manos@gatech.edu

>>> Georgia Institute of Technology

>>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>>

>>> <ManosAntonakakis\_Statement\_Of\_Accomplishments\_revised.docx>

>>

>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, June 15, 2018 2:00:11 PM  
To: Fabian Monrose <fabian@cs.unc.edu>; Angelos D. Keromytis [REDACTED] >  
Subject: Re: Revised Statement of Accomplishment

Thank you Fabian!

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Fabian Monrose <fabian@cs.unc.edu>  
Sent: Friday, June 15, 2018 8:58:27 AM  
To: Angelos D. Keromytis  
Cc: Antonakakis, Manos  
Subject: Re: Revised Statement of Accomplishment

Morning Angelos/Manos,  
I was in the midst of replying as well :)

Manos, I think one reason they kicked this back is because the broader impact of your work, and your research philosophy, doesn't come across very well. The 'social impact' section is one place where you nicely set the stage for broader impact you've had, and you should consider exposition at a similar level for all the other sections.

To give you an idea of what I mean, attached is some stuff I needed to put together 2 years ago -- for the department chair to extract excerpts to use in this letter for my nomination for a chaired professorship. I think you can easily put something like this together. In short, elevate the discussion a notch before jumping into technical details. Folks want you to make their life's as easy as possible when writing letters. Keep that at the forefront when you are writing your impact summary.

Hope this is helpful.

On Fri, Jun 15, 2018 at 8:49 AM, Angelos D. Keromytis [REDACTED] wrote:

I didn't touch the technical contributions, and added a couple of questions in the comments for you (for minor fixups).

Was Notos or Pleiades used for any takedowns that you can mention?

Likewise, can you be more specific in the very last paragraph? (For things you *can* talk about, obviously.)  
-Angelos

> On Jun 14, 2018, at 9:38 PM, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

>

> Gents, the tenure committee kicked back to me the Statement of Accomplishments because it was "too modest". I am not surprised because I suck when I sell myself.

>

> Do you mind talking a quick look to make sure I am not too cocky with my statements? Any feedback is more than welcomed!

>  
> Thanks,  
>  
> —  
> Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>  
> <ManosAntonakakis\_Statement\_Of\_Accomplishments\_revised.docx>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Thursday, October 11, 2018 6:59:54 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
CC: Smith, Jonathan <jonathan.smith@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>;  
Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; Tejas Patel <tejas@kududyn.com>  
Subject: Re: Russian Hacking Groups Intersect in Recent Cyberattacks

Ha!

Dr. Angelos D. Keromytis  
Program Manager  
DARPA / Information Innovation Office (I2O)  
675 N Randolph Street  
Arlington, VA 22203

(T) 571-218-4290  
(NSTS) 918-6691

(NIPR) angelos.keromytis@darpa.mil <mailto:angelos.keromytis@darpa.mil>  
(SIPR) angelos.keromytis@darpa.smil.mil <mailto:angelos.keromytis@darpa.smil.mil>  
(JWICS) angelos.keromytis@darpa.ic.gov <mailto:angelos.keromytis@darpa.ic.gov>

On Oct 11, 2018, at 10:37 AM, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

[hxxps://xxx.darkreading.com/perimeter/russian-hacking-groups-intersect-in-recent-cyberattacks/d/d-id/1333012](https://xxx.darkreading.com/perimeter/russian-hacking-groups-intersect-in-recent-cyberattacks/d/d-id/1333012)



From: Angelos D. Keromytis [REDACTED]  
Sent on: Monday, August 21, 2017 11:26:07 PM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: Re: Sal Stolfo visit

Yup, I know :)

> On Aug 21, 2017, at 5:51 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
>  
>  
> —

> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_

> From: Lee, Wenke  
> Sent: Monday, August 21, 2017 5:46 PM  
> To: Ahamad, Mustaque; Orso, Alessandro; Antonakakis, Manos; Fortnow, Lance J  
> Subject: Sal Stolfo visit

>

> Hi Mustaque, Alex, Lance, and Manos,

>

> Sal will be here 9/18-20 for RAID and he likes to visit, e.g., gives a talk and talks to folks. Can we have a SCS seminar? Just so you know, he wants to move and he is exploring and giving talks at a few places.

>

> Best wishes,

>

> Wenke

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Monday, June 25, 2018 4:04:11 AM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Monday, June 25, 2018 4:04:09 AM

Subject: Re: Scott Taylor in the lab

Attachments: Nameless.txt (560 Bytes)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Sunday, April 29, 2018 2:52:07 PM  
To: Smith, Jonathan <jonathan.smith@darpa.mil>; Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>  
CC: [REDACTED]  
Subject: Re: Send [REDACTED] CV as PDF  
Attachments: darpa-rising-v2.docx (17.32 KB)

Please find it attached, JMS. I hope Angelos is OK with it too.

[REDACTED] is CCed, in case you need anything more from him.

Many thanks!

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Smith, Jonathan <jonathan.smith@darpa.mil>  
Sent: Thursday, April 26, 2018 5:59:24 PM  
To: Antonakakis, Manos  
Subject: Re: Send [REDACTED] CV as PDF

Need 1 page abstract from him.  
See attached.  
Need it by Sunday @3PM.  
Thanks,  
-JMS

On 4/24/18, 5:15 PM, "Antonakakis, Manos" <manos@gatech.edu> wrote:

Attached, JMS.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Smith, Jonathan <jonathan.smith@darpa.mil>  
Sent: Tuesday, April 24, 2018 4:44:16 PM  
To: Antonakakis, Manos  
Subject: Send [REDACTED] CV as PDF

-JMS

Jonathan M. Smith, DARPA/I2O  
T: 703.526.4176, C: 571.481.7228

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, September 5, 2018 2:44:15 PM  
To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; jim.simpson@cynnovative.com  
CC: tejas@kududyn.com; Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: structured data sharing

Good to have you back. Call me to sync up.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Sent: Wednesday, September 5, 2018 8:08:10 AM  
To: Antonakakis, Manos; jim.simpson@cynnovative.com  
Cc: tejas@kududyn.com; Keromytis, Angelos  
Subject: RE: structured data sharing

Rgr, understand- just updating all the lines of effort since my return from active duty- thanks!

V/r,  
Chris Schneck  
DARPA I2O SETA  
Office: 571-218-4429  
Cell: 571-524-3821

DARPA's 60th Anniversary Symposium  
Sept 5 - 7, 2018 - Washington, D.C.  
Join us to explore DARPA's next 60 years - Register now at:  
<https://D60.DARPA.MIL>

-----Original Message-----

From: Antonakakis, Manos <manos@gatech.edu>  
Sent: Wednesday, September 5, 2018 7:52 AM  
To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; jim.simpson@cynnovative.com  
Cc: Tejas Patel (tejas@kududyn.com) <tejas@kududyn.com>; Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: structured data sharing

Chris, this is not a priority for GT. We are currently focused on automation, signal qualification and of course the ongoing enrichment of the existing and new cases.

Thanks,

-  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Sent: Wednesday, September 5, 2018 7:44:36 AM  
To: jim.simpson@cynnovative.com; Antonakakis, Manos  
Cc: Tejas Patel (tejas@kududyn.com); Keromytis, Angelos  
Subject: structured data sharing

Jim and Manos,

Can you give me an update on where we are with regards to establishing the ability and process to share a structured data model/graph between performers?

V/r,  
Chris Schneck  
DARPA I2O SETA  
Office: 571-218-4429  
Cell: 571-524-3821

DARPA's 60th Anniversary Symposium  
Sept 5 - 7, 2018 - Washington, D.C.  
Join us to explore DARPA's next 60 years - Register now at:  
<https://D60.DARPA.MIL>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Sunday, July 29, 2018 4:12:41 PM  
To: Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; Chad R. Hunt <chunt@fbi.gov>; William D. II Ware <wdware@fbi.gov>  
CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: Synch Monday (0915-1015) in Klaus bldg at GT

Thanks Michael. One small correction, the room we will meet at (my office) is 3364.

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Farrell, Michael <Michael.Farrell@gtri.gatech.edu>  
Sent: Sunday, July 29, 2018 11:07:34 AM  
To: Chad R. Hunt; William D. II Ware  
Cc: Keromytis, Angelos; Antonakakis, Manos  
Subject: Synch Monday (0915-1015) in Klaus bldg at GT

Davey — thanks for coming by tomorrow (Monday) morning. Klaus bldg on GT campus (266 Ferst Dr NW), and we will huddle in Manos' office on thrift floor — room 3366.

Chad — I just spoke live with Davey about this and left you a VM on cell. Hopefully you can join the discussion.

Angelos — this is for your benefit to have context on and provide concurrence for continued informal collaboration with Chad, Davey and their team.

Manos — you're fully tracking.

All — will send a calendar invite momentarily. Thanks for the short notice coord.

Best,

—MF

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, May 31, 2018 4:06:03 AM  
To: Jonathan M. Smith <jms@cis.upenn.edu>; smb@cs.columbia.edu  
CC: Angelos D. Keromytis [REDACTED]; fabian@cs.unc.edu  
Subject: Re: Tenure Letter (Followup)

JMS and Steve, you are the two names I know for sure the committee will reach out to request a letter for my tenure case.

There is a fair amount of research that I have done on attack attribution that is not public yet. I suspect that both Angelos and Fabian can testify on (and JMS has actually seen over the last few months) the rigor of my research, the technical breakthroughs I have achieved with my team and the impact that our project's preliminary results has to our national security.

Angelos and Fabian, many thanks for your help on this.

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Wednesday, May 30, 2018 10:52:33 PM  
To: Antonakakis, Manos  
Subject: Tenure Letter (Followup)

Gentlemen, hope you are doing great!

I cannot thank you enough for agreeing to write a letter for my early tenure case. Today, I gave the committee your names, alongside all supporting materials for my case.

From what I was able to figure out, they are planning to request the letter from you sometime after June 16th. My understanding is that they will be providing to you all the materials you may need to write the letter, and there is a chance that they will ask you to comment on different parts of my research. So, theoretically at least, you should have everything you need for the letter.

However, you are all very busy people, and this might be too much of a burden for you --- especially if they ask you to comment on certain parts of my research. Please keep in mind that I would be more than happy to provide commentary or anything else you might need, so I can make your life as easy as possible while writing the letter. My cell phone is [REDACTED], in case you prefer a quick call to clarify something around my research.

Just to be clear, I have no intention to bias anything here. Just offering my help, incase you need it. :-)

Much obliged!

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, February 2, 2018 5:00:26 PM  
To: Jonathan M. Smith <jms@cis.upenn.edu>  
CC: Angelos Keromytis [REDACTED] >  
Subject: Re: Tenure Letter

Indeed it is, Jonathan. Thanks for your kind words. :)

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Jonathan M. Smith <jms@cis.upenn.edu>  
Sent: Friday, February 2, 2018 11:16:43 AM  
To: Antonakakis, Manos  
Cc: Angelos Keromytis  
Subject: Re: Tenure Letter

Manos:  
By the way, an early tenure decision is a tremendous honor and vote of confidence; congratulations!  
-JMS

Jonathan M. Smith  
Professor of CIS and Pompa Chair  
T: 215.898.9509; E: jms@cis.upenn.edu

> On Feb 2, 2018, at 11:09 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Much obliged, Sir!

>

> —

> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_

> From: Jonathan M. Smith <jms@cis.upenn.edu>  
> Sent: Friday, February 2, 2018 11:08:16 AM  
> To: Antonakakis, Manos  
> Cc: Angelos Keromytis  
> Subject: Re: Tenure Letter

>

> Manos:  
> Yes, I would be pleased.  
> -JMS

>

> Jonathan M. Smith  
> Professor of CIS and Pompa Chair  
> T: 215.898.9509; E: jms@cis.upenn.edu



>  
>  
>  
>> On Feb 2, 2018, at 9:52 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>>  
>> Dear Jonathan,

>>  
>> The promotion and tenure committee at ECE informed me that I will be going up for tenure this year (one year earlier than normal). After talking about it with Angelos, I decided to reach out to you and explore the potential of having you being one of my tenure letter writers.

>>  
>> Goes without saying that I would be truly honored to be able to list you as one of my letter writers.

>>  
>> If you give me the permission to include you in this list, the committee will be sending out the letter requests sometime in the latter half of June. My plan is to provide extensive summaries of my key intellectual products or anything else that could make the writing of this letter as less painful as possible for you.

>>  
>> Many thanks!

>>  
>> —

>> Manos Antonakakis | manos@gatech.edu  
>> Georgia Institute of Technology  
>> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>  
>>  
>  
>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, February 2, 2018 5:50:01 PM  
To: Steven M. Bellovin <smb@cs.columbia.edu>  
CC: fabian@cs.unc.edu; Angelos D. Keromytis [REDACTED]  
Subject: Re: Tenure Letter

Many thanks Dr. Bellovin! This truly means a lot to me.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Steven M. Bellovin <smb@cs.columbia.edu>  
Sent: Friday, February 2, 2018 12:43:31 PM  
To: Antonakakis, Manos  
Cc: fabian@cs.unc.edu; Angelos D. Keromytis  
Subject: Re: Tenure Letter

Sure.

On 1 Feb 2018, at 11:12, Antonakakis, Manos wrote:

> Dear Dr. Bellovin,  
>  
> My name is Manos Antonakakis ([www.antonakakis.org](http://www.antonakakis.org)) and I am an  
> Assistant Professor in the School of Electrical and Computer  
> Engineering (ECE) at the Georgia Institute of Technology (Georgia  
> Tech). My main research interests revolve around DNS, anomaly  
> detection and attack attribution.  
>  
> The promotion and tenure committee at ECE informed me that I will be  
> going up for tenure this year (one year earlier than normal). After  
> talking about it with my close collaborators Angelos and Fabian, I  
> decided to reach out to you and explore the potential of having you  
> being one of my tenure letter writers.  
>  
> Goes without saying that I would be truly honored to be able to list  
> you as one of my letter writers.  
>  
> If you give me the permission to include you in this list, the  
> committee will be sending out the letter requests sometime in the  
> latter half of June. My plan is to provide extensive summaries of my  
> key intellectual products or anything else that could make the writing  
> of this letter as less painful as possible for you.  
>  
> Many thanks!  
>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

--Steve Bellovin, <https://www.cs.columbia.edu/~smb>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, February 2, 2018 7:02:36 PM  
To: Angelos D. Keromytis [REDACTED]  
Subject: Re: Tenure Letter

Cannot thank you enough.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Angelos D. Keromytis [REDACTED]  
Sent: Friday, February 2, 2018 2:01:26 PM  
To: Antonakakis, Manos  
Subject: Fwd: Tenure Letter

I was in his office today ;)

Begin forwarded message:

From: "Steven M. Bellovin" <smb@cs.columbia.edu<mailto:smb@cs.columbia.edu>>  
Date: February 2, 2018 at 12:43:31 EST  
To: "Antonakakis, Manos" <manos@gatech.edu<mailto:manos@gatech.edu>>  
Cc: fabian@cs.unc.edu<<mailto:fabian@cs.unc.edu>>, "Angelos D. Keromytis"  
[REDACTED]  
Subject: Re: Tenure Letter

Sure.

On 1 Feb 2018, at 11:12, Antonakakis, Manos wrote:

Dear Dr. Bellovin,

My name is Manos Antonakakis ([www.antonakakis.org](http://www.antonakakis.org)<<http://www.antonakakis.org>>) and I am an Assistant Professor in the School of Electrical and Computer Engineering (ECE) at the Georgia Institute of Technology (Georgia Tech). My main research interests revolve around DNS, anomaly detection and attack attribution.

The promotion and tenure committee at ECE informed me that I will be going up for tenure this year (one year earlier than normal). After talking about it with my close collaborators Angelos and Fabian, I decided to reach out to you and explore the potential of having you being one of my tenure letter writers.

Goes without saying that I would be truly honored to be able to list you as one of my letter writers.

If you give me the permission to include you in this list, the committee will be sending out the letter requests sometime in the latter half of June. My plan is to provide extensive summaries of my key intellectual products or anything else that could make the writing of this letter as less painful as possible for you.

Many thanks!

—  
Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>

Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

--Steve Bellovin, <https://www.cs.columbia.edu/~smb>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, September 26, 2017 10:02:47 PM  
To: Angelos D. Keromytis [REDACTED]  
Subject: Re: test

It did.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Angelos D. Keromytis [REDACTED]  
Sent: Tuesday, September 26, 2017 5:02:10 PM  
To: Antonakakis, Manos  
Subject: test

Did this work?

From: Manos Antonakakis <manos@gatech.edu>  
Sent on: Saturday, March 10, 2018 9:54:18 PM  
To: Angelos D. Keromytis [REDACTED] >  
CC: Tejas Patel [REDACTED]  
Subject: Re: thoughts  
Attachments: ATT00001 (12 Bytes), msg.asc (3.58 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, September 21, 2018 9:14:43 PM  
To: Smith, Jonathan <jonathan.smith@darpa.mil>  
CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Lever, Charles C <chazlever@gatech.edu>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Maddern, Thomas (contr-i2o) <Thomas.Maddern.ctr@darpa.mil>  
Subject: Re: Travel Funds for O'Reilly AI

Many thanks JMS.

Michael, work the details with Chaz.

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Smith, Jonathan <jonathan.smith@darpa.mil>  
Sent: Friday, September 21, 2018 4:13:18 PM  
To: Antonakakis, Manos  
Cc: Keromytis, Angelos; Lever, Charles C; Mitchell, Michael F; Maddern, Thomas (contr-i2o)  
Subject: Re: Travel Funds for O'Reilly AI

Approved.  
-JMS

Jonathan M. Smith, DARPA/I2O  
T: 703.526.4176, C: 571.481.7228

> On Sep 21, 2018, at 4:09 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> PM team.

>

> I think it would be beneficial for my team and the program to send Chaz to the O'Reilly AI conference in London. This is an event that often discusses the latest and equally important practical advances in platforms like Hadoop/Spark. As we will soon be looking into doing unsupervised learning in large datasets, I would like for Chaz to go there and report back to us and other members of the program what are the latest advancements around in ML over the Hadoop stack.

>

> At this point I should clarify that we are not using Chaz as a world traveler. Due to extensive workload we had on the program he did not fly out to Create to attend RAID --- despite the fact that we asked your permission for it. In other words, this is the only international travel for Chaz this year.

>

> Chaz, if the PM team approves this request, I would like from you to write up a one page report when you come back with the most interesting technologies you saw at the conference. Then, the PM should send this out to the rest of the performers and you should be available to answer any clarification requests from them.

>

> Thanks,

>

> —

> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668



>  
>  
> \_\_\_\_\_  
> From: Mitchell, Michael F  
> Sent: Friday, September 21, 2018 11:11:19 AM  
> To: Antonakakis, Manos; Lever, Charles C  
> Subject: Re: Travel Funds for O'Reilly AI  
>  
> It is international Travel, so it wouldnt be allowed without special permission from the funding agency. With written permission specifying that it would be allowed, then we could do it, but not prior to that to avoid any audit findings.  
>  
> \_\_\_\_\_  
> From: Antonakakis, Manos  
> Sent: Friday, September 21, 2018 10:56:48 AM  
> To: Mitchell, Michael F; Lever, Charles C  
> Subject: Re: Travel Funds for O'Reilly AI  
>  
> This could be beneficial for EA, Michael. Can we send Chaz there, despite the fact that we have not mentioned this conference in the agreed contract with AFRL?  
>  
> Will we need permission from the PM team?  
>  
> Thanks,  
>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>  
>  
> \_\_\_\_\_  
> From: Mitchell, Michael F  
> Sent: Friday, September 21, 2018 10:52:17 AM  
> To: Lever, Charles C  
> Cc: Antonakakis, Manos  
> Subject: Re: Travel Funds for O'Reilly AI  
>  
> Hey Chaz,  
>  
> What project would this be in reference to, or would Manos prefer this come from the foundation account?  
>  
> Michael  
>  
> \_\_\_\_\_  
> From: Lever, Charles C  
> Sent: Thursday, September 20, 2018 3:02:19 PM  
> To: Mitchell, Michael F  
> Cc: Antonakakis, Manos  
> Subject: Travel Funds for O'Reilly AI  
>  
> Hi Michael,  
>  
> I talked to Manos the other day about attending O'Reilly AI, which is in London in October. There's a good bit on their agenda that should prove useful to current and future projects in lab, and he was on board with me attending if we have funds. I've CC'd Manos.  
>  
> --

> Chaz Lever  
> Senior Research Scientist @ Georgia Institute of Technology  
> xxx.chazlever.com<http://xxx.chazlever.com> | chazlever@gatech.edu<mailto:chazlever@gatech.edu>  
>  
>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Sunday, March 18, 2018 2:09:33 PM  
To: Klein, Benjamin D. B. <bklein@gatech.edu>  
CC: Angelos D. Keromytis [REDACTED]; Carmichael, Tristin R <tristin.carmichael@ece.gatech.edu>  
Subject: Re: Update on application status

Ben, [REDACTED] informed me that the application is now complete. The application information are:

Applicant's Name: [REDACTED]  
Transaction ID: GATECHG\_71740549\_20180316122443

Is there anything else you need from me or the student?

Many thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos  
Sent: Monday, March 12, 2018 2:56:19 PM  
To: Klein, Benjamin D. B.  
Cc: Angelos D. Keromytis; Carmichael, Tristin R  
Subject: Re: Update on application status

Thanks Ben, I will.

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Klein, Benjamin D. B.  
Sent: Monday, March 12, 2018 2:55:05 PM  
To: Antonakakis, Manos  
Cc: Angelos D. Keromytis; Carmichael, Tristin R  
Subject: Re: Update on application status

OK. We will keep an eye out for the application, but it may be wise to have the student or yourself check in later this week, to ensure that we don't forget.

Thanks,  
Ben

On 3/12/18, 2:52 PM, "Antonakakis, Manos" <manos@gatech.edu> wrote:

Ben, I think he applied for Spring 2019. If I am not mistaken that was the earliest slot available in the system.

Many thanks, Sir!

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Klein, Benjamin D. B.  
Sent: Monday, March 12, 2018 2:51:34 PM  
To: Antonakakis, Manos  
Cc: Angelos D. Keromytis; Carmichael, Tristin R  
Subject: Re: Update on application status

Hi Manos,

We should be able to transfer his application over to Fall 18, but it hasn't appeared in our system yet. It will take at least 24 hours and possibly more, depending on his payment method, etc. Did he apply for Fall 19?

Thanks,  
Ben

On 3/12/18, 2:26 PM, "Antonakakis, Manos" <manos@gatech.edu> wrote:

Hey Ben, I need a major favor.

[REDACTED] was not able to fill out his PhD application in time for the Fall admissions because he is serving at the Greek military (very common for most male Greeks at his age). However, I told him to put in an application as soon as possible, and evidently he was able to do that last night.

He is coming *\*highly\** recommended to Angelos and me from a peer of us in Greece. Is there any way we can admit him this Fall or it is too late? For the record, I have enough funds to handle his GRA. Eventually we will spit him with Angelos (when he joins GT in a few months).

Many thanks,

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: [REDACTED]  
Sent: Monday, March 12, 2018 12:42 AM  
To: Antonakakis, Manos  
Subject: Re: Update on application status

Yes, of course!

Yours sincerely,  
[REDACTED]

Στις Δευ, 12 Μαρ 2018, 00:41 ο χρήστης Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>

έγραψε:

OK, [REDACTED] I will work the process from my end. You still want to join this coming Fall, right?

---

Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: [REDACTED]  
Sent: Sunday, March 11, 2018 6:16:23 PM  
To: Antonakakis, Manos  
Subject: Update on application status

Dear Prof. Antonakakis,

I have completed my application but I have not submitted it yet because I am waiting for 2 recommendation letters. I have also sent the GRE and TOEFL score reports through ETS' system. I will send you another e-mail within this week to inform you of my application number.

I apologize for my delay, but I had some issues with my military service.

Yours sincerely,  
[REDACTED]

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, March 26, 2018 7:51:05 PM  
To: [REDACTED]  
CC: Angelos D. Keromytis [REDACTED]  
Subject: Re: Update on application status

No problem [REDACTED]. Welcome to the team!

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: [REDACTED]  
Sent: Monday, March 26, 2018 2:43:56 PM  
To: Antonakakis, Manos  
Subject: Re: Update on application status

Dear Prof. Antonakakis,

Thank you very much for your offer! I will accept it and sign the corresponding documents until Friday, because this week I will stay in the military camp, in order to go the next week on vacation.

Yours sincerely,  
[REDACTED]

2018-03-18 15:07 GMT+02:00 Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>:  
Thanks [REDACTED].

—  
Manos Antonakakis | manos@gatech.edu <<mailto:manos@gatech.edu>>  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: [REDACTED]  
Sent: Friday, March 16, 2018 3:38:16 PM  
To: Antonakakis, Manos  
Subject: Re: Update on application status

Dear Prof. Antonakakis,

I have submitted my application.

Applicant's Name: [REDACTED]  
Transaction ID: GATECHG\_71740549\_20180316122443

At your disposal for any further information or clarification.

Yours sincerely,  
[REDACTED]

[<https://ipmcdn.avast.com/images/icons/icon-envelope-tick-round-orange-animated-no-repeat-v1.gif>] <[https://www.avast.com/sig-email?utm\\_medium=email&utm\\_source=link&utm\\_campaign=sig-email&utm\\_content=webmail&utm\\_term=icon](https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=webmail&utm_term=icon)> Virus-free. [www.avast.com](http://www.avast.com) <[https://www.avast.com/sig-email?utm\\_medium=email&utm\\_source=link&utm\\_campaign=sig-email&utm\\_content=webmail&utm\\_term=link](https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=webmail&utm_term=link)>

2018-03-12 6:42 GMT+02:00 [REDACTED]

Yes, of course!

Yours sincerely,  
[REDACTED]

Στις Δευ, 12 Μαρ 2018, 00:41 ο χρήστης Antonakakis, Manos

<[manos@gatech.edu](mailto:manos@gatech.edu)<<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu><<mailto:manos@gatech.edu>>>> έγραψε:  
OK, [REDACTED]. I will work the process from my end. You still want to join this coming Fall, right?

—  
Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu) <<mailto:manos@gatech.edu>> <<mailto:manos@gatech.edu><<mailto:manos@gatech.edu>>>>

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: [REDACTED]

Sent: Sunday, March 11, 2018 6:16:23 PM

To: Antonakakis, Manos

Subject: Update on application status

Dear Prof. Antonakakis,

I have completed my application but I have not submitted it yet because I am waiting for 2 recommendation letters. I have also sent the GRE and TOEFL score reports through ETS' system. I will send you another e-mail within this week to inform you of my application number.

I apologize for my delay, but I had some issues with my military service.

Yours sincerely,  
[REDACTED]

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, October 9, 2018 2:01:26 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: USCC attribution meeting

You are right. Was just trying to speed up the solution to any confusion.

---

Typos due to mobile device ...

> On Oct 9, 2018, at 08:44, Keromytis, Angelos <angelos.keromytis@darpa.mil> wrote:

>

> While I understand why you said that, think what it does for/to Michael when expressed that way.

>

>> On Oct 9, 2018, at 07:40, Antonakakis, Manos <manos@gatech.edu> wrote:

>>

>> Unless it is classified, I should be the main poc for the GT team on such requests.

>>

>> Manos

>>

>> ---

>> Typos due to mobile device ...

>>

>>> On Oct 9, 2018, at 07:33, Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil> wrote:

>>>

>>> Michael,

>>>

>>> One of my POC's at USCC reached out about a VTC with GTRI about attribution

>>> and asked me if it pertained to EA. I did not have an answer for him.

>>> Could you give me a summary of what this VTC is about?

>>>

>>> Thanks,

>>>

>>> V/r,

>>>

>>> Chris Schneck

>>> DARPA I2O SETA

>>> 571-524-3821 (cell)

>>> 918-6691

>>>

>>>



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, October 9, 2018 2:49:12 PM  
To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
CC: Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Re: USCC attribution meeting

Chris, do not worry buddy. As you very well know by now, Manos ALWAYS delivers. ;)

---

Typos due to mobile device ...

> On Oct 9, 2018, at 09:46, Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil> wrote:

>  
> Uh oh- we're in trouble today. I better go find some strong expresso prior  
> to the USCC brief  
>  
> No worries, Michael called and brought me up to speed. I believe everyone  
> else is tracking this classified meeting with congressional and USCC  
> staffers. It seems to have be floated around USCC and reached the POC's  
> that we interact with regularly.

> V/r,

>  
> Chris Schneck  
> DARPA I2O SETA  
> 571-524-3821 (cell)  
> 918-6691

> -----Original Message-----

> From: Antonakakis, Manos <manos@gatech.edu>  
> Sent: Tuesday, October 9, 2018 9:41 AM  
> To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
> Cc: Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; Keromytis, Angelos  
> <angelos.keromytis@darpa.mil>  
> Subject: Re: USCC attribution meeting

>  
> Was not my intention to be abrupt (blame the lack of sleep). Was only trying  
> to clarify things in the most direct way.

>  
> Michael could obviously represent GT both at the classified and unclassified  
> levels. He should be, of course, coordinating with DARPA if he is talking  
> about our attribution research with others.

>  
> Thanks, Manos

>  
> ---

> Typos due to mobile device ...

>> On Oct 9, 2018, at 07:40, Antonakakis, Manos <manos@gatech.edu> wrote:

>>  
>> Unless it is classified, I should be the main poc for the GT team on such  
> requests.

>>

>> Manos

>>

>> ---

>> Typos due to mobile device ...

>>

>>> On Oct 9, 2018, at 07:33, Schneck, Christopher (contr-i2o)

> <christopher.schneck.ctr@arpa.mil> wrote:

>>>

>>> Michael,

>>>

>>> One of my POC's at USCC reached out about a VTC with GTRI about

>>> attribution and asked me if it pertained to EA. I did not have an answer

> for him.

>>> Could you give me a summary of what this VTC is about?

>>>

>>> Thanks,

>>>

>>> V/r,

>>>

>>> Chris Schneck

>>> DARPA I2O SETA

>>> 571-524-3821 (cell)

>>> 918-6691

>>>

>>>

**From:** Angelos D. Keromytis [REDACTED]  
**Sent on:** Thursday, February 15, 2018 4:05:53 PM  
**To:** Lee, Wenke<wenke@cc.gatech.edu>  
**CC:** Ahamad, Mustaque<mustaq@cc.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Re: Visit

I don't think so. She's played in and produced a bunch of movies, though.  
On Feb 15, 2018, at 11:02, Lee, Wenke <[wenke@cc.gatech.edu](mailto:wenke@cc.gatech.edu)> wrote:

I can ask him, just curious, she has a Ph.D. in film studies?

**From:** Angelos D. Keromytis [REDACTED] >  
**Sent:** Wednesday, February 14, 2018 10:07:19 PM  
**To:** Lee, Wenke  
**Cc:** Ahamad, Mustaque; Antonakakis, Manos  
**Subject:** Re: Visit

I probably should know, but I can't remember...want me to ask him? (Or y'all can ask him directly...)

> On Feb 14, 2018, at 9:57 PM, Lee, Wenke <[wenke@cc.gatech.edu](mailto:wenke@cc.gatech.edu)> wrote:

>

> What areas of film is she interested in?

>

> GT actually has a School of Literature, Media, and Communication (<https://www.lmc.gatech.edu/>), which has faculty studying film, e.g., I met this prof. years ago at a party and I can ping her if useful:

>

> Welcome | School of Literature, Media, and Communication

> [www.lmc.gatech.edu](http://www.lmc.gatech.edu)

> Innovative Humanities. Work with renowned faculty, get individual attention in small classrooms, and land the most creative jobs. More About the School's Strengths

>

>

> <https://www.lmc.gatech.edu/people/person/fa75674c-d547-582d-a7a5-d303e75384df/qi-wang>

> From: Angelos D. Keromytis [REDACTED]  
> Sent: Wednesday, February 14, 2018 9:38 PM  
> To: Ahamad, Mustaque  
> Cc: Antonakakis, Manos; Lee, Wenke  
> Subject: Re: Visit

>

> Mustaque,

> Thanks for keeping me in the loop. I had a chat with Stelios yesterday, and it's largely as I thought — it all depends on [REDACTED]. It's a weekend so things are probably iffy, but if there's a way to connect her to some art/film program (Emory? UGA?), it would go a long way to convince her. (She's interested in teaching/doing projects.)

>

> I can plan to be there, if necessary, for one of the days — but perhaps it's best if I stay out of the way? Let me know.

> -Angelos

>

>

> > On Feb 14, 2018, at 9:10 PM, Ahamad, Mustaque <[mustaq@cc.gatech.edu](mailto:mustaq@cc.gatech.edu)> wrote:

> >

> > I have asked Stelios to go ahead and plan to be here Feb 23-25 for his second visit. I hope all of you will be around when they come for this second visit.

> >

> > Kenya, can we reserve a hotel room for him and his wife? They are not bringing the kids. He will also need to get a car. Also, please send him the real estate agent contact.

> >

> > I will talk to you all about a schedule for his visit tomorrow.

> >

> > Mustaque

> >

> >

> > On 2/14/18, 8:41 PM, "Stelios Sidiroglou-Douskos" <[stelios@csail.mit.edu](mailto:stelios@csail.mit.edu)> wrote:

> >

> > Hi Mustaque,

> >

> > We're now thinking of visiting over the weekend of the 23rd. We've confirmed babysitting so my wife and I will be coming.

> >

> > My wife teaches on Friday morning so she wouldn't arrive until Friday early evening (but she can stay until Monday).

> >

> > I can come Thursday evening and have meetings on Friday or alternatively I can also come Friday and have meetings on Monday.

> >

> > We already have a recommendation for a real estate agent but if you can provide another one, that would be great.

> >

> > Would we also like to schedule time to visit private schools in the area. I know that Wenke sits on the board of one but if you have other recommendations that would be great.

> >

> > Finally, if you know of anyone that teaches film (or performance) in the area, it would be great if we can set something up. I can also send you [REDACTED] CV if that would help.

> >

> > Let me know if the timing works and we will get started on scheduling things from our end.

> >

> > Looking forward to seeing GT again!

> >

> > Stelios.

> >

> >

> >> On Feb 12, 2018, at 15:58, Ahamad, Mustaque <[mustaq@cc.gatech.edu](mailto:mustaq@cc.gatech.edu)> wrote:

> >>

> >> Stelios,

> >>

> >> Coming during the week would be just fine. If you like, we can set you up with a realtor who can show [REDACTED] and you the neighborhoods that may interest you. You can also do it on your own. You should plan to spend some time at the department meeting faculty you would like to chat with again. In particular, I would like you to meet with Ellen Zegura and Mostafa Ammar who chair our tenure committees at the school and college level. We will also try to setup some meetings for [REDACTED]

> >>

> >> We may have a reception at either my or Wenke's place one evening. The other evening, I would let Manos take you and [REDACTED] to a nice Greek place. Thus, it will be great if you can spend two evenings in Atlanta but we will work with whatever time you can spend here.

> >>

> >> Let me know if you have any other questions. Hopefully you will be able to arrange the trip when it is blizzard in Boston and sunny 70s in Atlanta (

> >>

> >> Mustaque

> >>

> >>

> >>

> >> On 2/12/18, 2:37 PM, "Stelios Sidiroglou-Douskos" <[stelios@csail.mit.edu](mailto:stelios@csail.mit.edu)> wrote:

> >>

> >> Hi Mustaque,

> >>

> >> My wife and I are trying to find a good time for our second visit to GT. You initially recommended coming over a weekend but [REDACTED] parents

> >> , who would look after the kids, are busy on weekends until the weekend of March 2nd. They can, however, look after the kids during the week.

> >> Would it work if we came during the week?

> >>

> >>

> >> Thanks!

> >> Stelios

> >>

> >>

> >>

> >>

> >>

> >>

> >

> >

> >

From: Angelos D. Keromytis [REDACTED]  
Sent on: Thursday, October 26, 2017 3:45:13 AM  
To: Antonakakis, Manos <manos@gatech.edu>  
CC: fabian@cs.unc.edu; mdbailey@illinois.edu  
Subject: Re: VMware Systems Research Award: Request for Nominations - Due November 3

Yes, of course

> On Oct 25, 2017, at 22:32, Antonakakis, Manos <manos@gatech.edu> wrote:

>  
> Folks, can I count on your recommendations for this award? Will be buying drinks next time we meet.

>  
> Cheers,

>  
> —  
> Manos Antonakakis | manos@gatech.edu  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Beyah, Raheem A  
> Sent: Wednesday, October 25, 2017 6:53 PM  
> To: Antonakakis, Manos  
> Cc: Romberg, Justin; Howard, Ayanna M  
> Subject: Fwd: VMware Systems Research Award: Request for Nominations - Due November 3

>  
> Manos,  
>  
> We'd like to nominate you for this. Doesn't seem like a heavy lift. Interested?

>  
> thx!  
>  
> Raheem

>  
> —  
>  
> Nomination process:

>  
> \* Nominations may be submitted by the department chair (one per department chair).  
> \* Each submission should include a proposed citation of at most 20 words, contact information for three references, and a one-page summary statement concerning the originality, impact, and future potential of the nominee's research.  
> \* Nominations must be submitted via email to sysaward@vmware.com <<mailto:sysaward@vmware.com>>

>  
>  
> Begin forwarded message:  
>  
> From: "McLaughlin, Steven W" <swm@coe.gatech.edu<<mailto:swm@coe.gatech.edu>>>  
> Subject: Fwd: VMware Systems Research Award: Request for Nominations  
> Date: October 25, 2017 at 5:48:10 PM EDT  
> To: "Beyah, Raheem A" <rbeyah@ece.gatech.edu<<mailto:rbeyah@ece.gatech.edu>>>, "Romberg, Justin" <jrom@ece.gatech.edu<<mailto:jrom@ece.gatech.edu>>>

>  
> Fyi - assume you will send out  
>

> Get Outlook for iOS<<https://aka.ms/o0ukef>>

> \_\_\_\_\_

> From: Chris Ramming <chrisramming@vmware.com<mailto:chrisramming@vmware.com>>

> Sent: Wednesday, October 25, 2017 5:24:17 PM

> To: McLaughlin, Steven W

> Subject: RE: VMware Systems Research Award: Request for Nominations

>

> Dear Prof. McLaughlin,

> In the event you and your colleagues are considering a nomination, may I offer a respectful reminder that the deadline is November 3 next week?

> Sincerely,

> Chris

>

>

> From: Chris Ramming

> Sent: Wednesday, September 27, 2017 2:22 PM

> To: 'swm@ece.gatech.edu<mailto:swm@ece.gatech.edu>' <swm@ece.gatech.edu<mailto:swm@ece.gatech.edu>>

> Subject: VMware Systems Research Award: Request for Nominations

>

> Dear Prof. McLaughlin,

>

>

>

> In 2016 we initiated a new annual award that celebrates an exceptional early-career faculty member conducting computer science systems research. The award provides USD \$100,000 in support of his/her research. Eligible faculty are those within five years of their first tenure-track appointment. For full details of the award please visit

> <http://www.vmware.com/company/sysaward.html>. In 2016, this award went to Professor Matei Zaharia<

> <https://www.vmware.com/radius/systems-research-award-2016/>> of Stanford University.

>

>

>

> We are pleased to open the nomination window for 2017 and request nominations by November 3, 2017. Nominations are limited to one per department chair (or equivalent).

>

>

>

> VMware traces its roots to academic research, and we feel a special responsibility to support the growth and vitality of this important community. We hope you and your colleagues will consider nominating someone whose early-career systems research you believe most role-models originality, impact, and future promise.

>

>

>

> For questions, or to submit a nomination, please email [sysaward@vmware.com](mailto:sysaward@vmware.com)<<mailto:sysaward@vmware.com>>.

>

>

>

> Sincerely,

>

>

>

> Chris

>

**From:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**Sent on:** Sunday, October 29, 2017 4:59:28 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Signed by:** KEROMYTIS.ANGELOS.D.1501999799 on Sunday, October 29, 2017 4:59:24 PM  
**Subject:** Re: VMware Systems Research Award: Request for Nominations - Due November 3  
**Attachments:** Nameless.txt (6.01 KB)

Ack

On Oct 29, 2017, at 12:57, Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)> wrote:

FYI- Gents. Thanks for taking time to write the letter for me. What I am pushing here is the reputation system I build back in the day. For its time it was the first dynamic reputation system for Internet DNS infrastructure.

Not sure when/if they will reach out.

Cheers,

—

Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos

Sent: Sunday, October 29, 2017 12:53 PM

To: Beyah, Raheem A

Cc: Romberg, Justin; Howard, Ayanna M

Subject: Re: VMware Systems Research Award: Request for Nominations - Due November 3

Hey Raheem,

You need the following from me:

1) A proposed citation of at most 20 words

- Antonakakis, Perdisci, Dagon, Lee and Feamster. "Building a Dynamic Reputation System for DNS", In the 19th USENIX Security Symposium.



2) Contact information for three references:

- Dr. Fabian Monrose, Kenan Distinguished Professor in the Computer Science department at the University of North Carolina at Chapel Hill, [fabian@cs.unc.edu](mailto:fabian@cs.unc.edu)

- Dr. Angelos Keromytis, DARPA Manager and Associate Professor Department of Computer Science, Columbia University, New York, [angelos.keromytis@darpa.mil](mailto:angelos.keromytis@darpa.mil)

- Dr. Roberto Perdisci, Associate Professor, Department of Computer Science, University of Georgia, [perdisci@cs.uga.edu](mailto:perdisci@cs.uga.edu)

3) A one-page summary statement concerning the originality, impact, and future potential of the nominee's research.

- Attached.

Please let me know if you need anything more.

Cheers,

—

Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Beyah, Raheem A

Sent: Friday, October 27, 2017 4:26:14 PM

To: Antonakakis, Manos

Cc: Romberg, Justin; Howard, Ayanna M

Subject: Re: VMware Systems Research Award: Request for Nominations - Due November 3

Yup. Thx.

On Oct 25, 2017, at 10:25 PM, Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)<<mailto:manos@gatech.edu>>> wrote:

Happy to apply Raheem. I should be able to have everything ready before I fly out for CCS on

Monday morning. Would that work?

Cheers,

—

Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu) <<mailto:manos@gatech.edu>>

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Beyah, Raheem A

Sent: Wednesday, October 25, 2017 6:53:43 PM

To: Antonakakis, Manos

Cc: Romberg, Justin; Howard, Ayanna M

Subject: Fwd: VMware Systems Research Award: Request for Nominations - Due November 3

Manos,

We'd like to nominate you for this. Doesn't seem like a heavy lift. Interested?

thx!

Raheem

—

Nomination process:

\* Nominations may be submitted by the department chair (one per department chair).

\* Each submission should include a proposed citation of at most 20 words, contact information for three references, and a one-page summary statement concerning the originality, impact, and future potential of the nominee's research.

\* Nominations must be submitted via email to [sysaward@vmware.com](mailto:sysaward@vmware.com) <

<mailto:sysaward@vmware.com> > <<mailto:sysaward@vmware.com>>

Begin forwarded message:

From: "McLaughlin, Steven W" <[swm@coe.gatech.edu](mailto:swm@coe.gatech.edu) <<mailto:swm@coe.gatech.edu>> <<mailto:swm@coe.gatech.edu>>>

Subject: Fwd: VMware Systems Research Award: Request for Nominations

Date: October 25, 2017 at 5:48:10 PM EDT

To: "Beyah, Raheem A" <[rbeyah@ece.gatech.edu](mailto:rbeyah@ece.gatech.edu) <<mailto:rbeyah@ece.gatech.edu>> <<mailto:rbeyah@ece.gatech.edu>>>, "Romberg, Justin" <[jrom@ece.gatech.edu](mailto:jrom@ece.gatech.edu) <<mailto:jrom@ece.gatech.edu>> <<mailto:jrom@ece.gatech.edu>>>

Fyi - assume you will send out

Get Outlook for iOS <<https://aka.ms/o0ukef>>

---

From: Chris Ramming <[chrisramming@vmware.com](mailto:chrisramming@vmware.com) <<mailto:chrisramming@vmware.com>> <<mailto:chrisramming@vmware.com>>>

Sent: Wednesday, October 25, 2017 5:24:17 PM

To: McLaughlin, Steven W

Subject: RE: VMware Systems Research Award: Request for Nominations

Dear Prof. McLaughlin,

In the event you and your colleagues are considering a nomination, may I offer a respectful reminder that the deadline is November 3 next week?

Sincerely,

Chris

From: Chris Ramming

Sent: Wednesday, September 27, 2017 2:22 PM

To: '[swm@ece.gatech.edu](mailto:swm@ece.gatech.edu) <<mailto:swm@ece.gatech.edu>> <<mailto:swm@ece.gatech.edu>>' <[swm@ece.gatech.edu](mailto:swm@ece.gatech.edu) <<mailto:swm@ece.gatech.edu>> <<mailto:swm@ece.gatech.edu>>>

Subject: VMware Systems Research Award: Request for Nominations

Dear Prof. McLaughlin,

In 2016 we initiated a new annual award that celebrates an exceptional early-career faculty member conducting computer science systems research. The award provides USD \$100,000 in support of his/her research. Eligible faculty are those within five years of their first tenure-track appointment. For full details of the award please visit <http://www.vmware.com/company/sysaward.html>. In 2016, this award went to Professor Matei Zaharia <<https://www.vmware.com/radius/systems-research-award-2016/>> of Stanford University.

We are pleased to open the nomination window for 2017 and request nominations by November 3, 2017. Nominations are limited to one per department chair (or equivalent).

VMware traces its roots to academic research, and we feel a special responsibility to support the growth and vitality of this important community. We hope you and your colleagues will consider nominating someone whose early-career systems research you believe most role-models originality, impact, and future promise.

For questions, or to submit a nomination, please email [sysaward@vmware.com](mailto:sysaward@vmware.com) <<mailto:sysaward@vmware.com>> <<mailto:sysaward@vmware.com>>.

Sincerely,

Chris

<ManosAntonakakis.pdf>

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Friday, April 20, 2018 3:29:42 AM

To: Angelos D. Keromytis [REDACTED]

CC: Tejas Patel <tejas@kududyn.com>; James Nuttall <james@kududyn.com>

Subject: Re: What We Saw Thus Far

Attachments: ATT00001 (12 Bytes), msg.asc (4.23 KB)

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Thursday, April 19, 2018 11:53:41 PM

To: Tejas Patel <tejas@kududyn.com>

CC: Angelos Keromytis [REDACTED]; James Nuttall <james@kududyn.com>

Subject: Re: What We Saw Thus Far

Attachments: ATT00001 (12 Bytes), msg.asc (5.18 KB)

From: Angelos D. Keromytis [REDACTED] >

Sent on: Sunday, April 15, 2018 7:19:00 PM

To: Renee Burton [REDACTED]

CC: Manos Antonakakis <manos@gatech.edu>; Farrell, Michael <michael.farrell@gtri.gatech.edu>; Tejas Patel <tejas@kududyn.com>; darin j [REDACTED]

Subject: Re: wrapping up

Attachments: PGMIME Versions Identification (12 Bytes), encrypted.asc (6.56 KB)

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Monday, April 16, 2018 1:06:56 PM

To: Angelos D. Keromytis [REDACTED] >

CC: Renee Burton [REDACTED] Farrell, Michael <michael.farrell@gtri.gatech.edu>; Tejas Patel <tejas@kududyn.com>; darin j [REDACTED]

Subject: Re: wrapping up

Attachments: ATT00001 (12 Bytes), msg.asc (5.51 KB)



From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Saturday, February 3, 2018 6:42:22 PM

To: Manos Antonakakis <manos@gatech.edu>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Saturday, February 3, 2018 6:42:22 PM

Subject: Realtor

Attachments: Nameless.txt (32 Bytes)

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Wednesday, August 29, 2018 5:12:01 PM

To: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Smith, Jonathan <jonathan.smith@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

CC: Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>

Subject: Regarding D60

Gents,

Unfortunately I will have to cancel my trip to DC for the D60 event.

██████████ will have to go under some dental work that requires sedation and someone needs to be there to help her out when she is done.

Since Micheal will be there from our team, I decided to cancel my trip. This also helps me with the EA backlog in EA --- few more days that might help me catch up with a few cases and the development of more automatic processes (look for an update on this very soon).

This is a heads up.

Thanks,

--

Manos Antonakakis | manos@gatech.edu

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D25B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, August 2, 2018 9:07:25 PM  
To: Hook, Lisa <lisa.hook@team.neustar>; Joffe, Rodney <Rodney.Joffe@team.neustar>  
CC: Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>  
Subject: Regarding HACCS

Hey Lisa,

I would like to reiterate that I take full responsibility for the HACCS delay. The ECP (contract modification) between GT and DARPA takes time we are in the process of finalize this modification. At the same time, I would like to have Angelos relay the status of everything we are doing (HACCS and EA) in person --- especially if Charlie is available for a meeting. My understanding is that Angelos would be more than happy to swing by your offices.

Many thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, February 12, 2018 4:00:55 PM  
To: Angelos D. Keromytis [REDACTED]; Ahamad, Mustaque <mustaq@cc.gatech.edu>  
Subject: Regarding Stelios

Angele, can you please get on a call with Mustaque about Stelios. I think we need your help with him.

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, June 15, 2018 2:38:18 AM  
To: Angelos D. Keromytis [REDACTED]; fabian@cs.unc.edu  
Subject: Revised Statement of Accomplishment  
Attachments: ManosAntonakakis\_Statement\_Of\_Accomplishments\_revised.docx (29.83 KB)

Gents, the tenure committee kicked back to me the Statement of Accomplishments because it was "too modest". I am not surprised because I suck when I sell myself.

Do you mind talking a quick look to make sure I am not too cocky with my statements? Any feedback is more than welcomed!

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, October 11, 2018 3:37:56 PM  
To: Smith, Jonathan <Jonathan.smith@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>  
CC: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; Tejas Patel <tejas@kududyn.com>  
Subject: Russian Hacking Groups Intersect in Recent Cyberattacks

One more reason to attend the EA site review meetings. You learn things sooner than reading the news.

<https://www.darkreading.com/perimeter/russian-hacking-groups-intersect-in-recent-cyberattacks/d/d-id/1333012>

(Manos is not perfect, but darn close to it.) ;)

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, June 25, 2018 4:04:20 AM  
To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
CC: Smith, Jonathan <jonathan.smith@darpa.mil>; Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>  
Subject: Scott Taylor in the lab

Chris, Scott Taylor from FM arrived in my lab Friday. He will be here for the next month. He wants to help so he asked to read everything we have done, and start working on the open cases we have.

Do I have the green light to:

- 1) Share past reports with him?
- 2) Use him as an analyst in my cases?

Thanks,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, August 14, 2017 12:34:54 AM  
To: Patel, Tejas H CTR (US) <tejas.patel.ctr@darpa.mil>; Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>  
Subject: Slides for tomorrow  
Attachments: Antonakakis\_DoJ-EA\_08142017.pptx (9.03 MB)

Gents,

I am planning to use these slides and open the report to discuss any details. If I knew what they will ask, I can create slides just to answer those questions.

See you tomorrow.

Cheers,

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668



From: Manos Antonakakis <manos@gatech.edu>  
Sent on: Tuesday, January 7, 2020 1:21:56 PM  
To: Rodney Joffe <rjoffe@centergate.com>  
Subject: Some advice

<https://twitter.com/CISAKrebs/status/1214398302663446530?s=20>

Rodney, I know you are friends with Chris, so as a friend I would suggest you make him aware of the following.

The MITRE ATT&CK framework is in essence a collection of attack signatures. It is embarrassing for major US authorities like Chris to come out in public and say that Iran will be using attack methods that have not only been identified historically from US analysts, but they are also available to be seen in the public domain.

That is, if the Iranians are truly trying to do something sophisticated, by definition, will be different than what they have done in the past. Therefore, looking at the MITRE framework for \*detection and remediation\* is effectively and practically useless.

While I did not comment on his comment, in various private lists/channels I am serious technical people are making fun of these recommendations.

Again, this is a heads up you should give him as a friend.

--

Manos Antonakakis | Associate Professor | manos@gatech.edu  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, November 1, 2018 2:01:54 PM  
To: Smith, Jonathan <Jonathan.smith@darpa.mil>; Keromytis, Angelos <angelos.keromytis@darpa.mil>; Tejas Patel <tejas@kududyn.com>  
Subject: Stuxnet like malware

<https://www.reuters.com/article/us-iran-khamenei/irans-khamenei-calls-for-fight-against-enemy-infiltration-idUSKCN1N20CN>

"Gholamreza Jalali, head of Iran's civil defense agency, said on Sunday that Iran had recently neutralized a new version of Stuxnet.

"Recently we discovered a new generation of Stuxnet which consisted of several parts ... and was trying to enter our systems," Jalali was quoted as saying by the semi-official ISNA news agency at a news conference marking Iran's civil defense day. He did not give further details."

Effectively the same story here:

<https://www.timesofisrael.com/tv-report-israel-silent-as-iran-hit-by-computer-virus-more-violent-than-stuxnet/>

---

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Rodney Joffe <rjoffe@centergate.com>  
Sent on: Thursday, March 18, 2021 1:20:28 AM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: Surprise!  
Attachments: Stavros-W.png.gpg (1.97 MB)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Friday, September 1, 2017 2:27:12 PM

To: Manos Antonakakis <manos@gatech.edu>; mikef@kududyn.com

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Friday, September 1, 2017 2:27:08 PM

Subject: Target IP timeline.v2 (8.30.2017).xlsx

Attachments: Nameless.txt (73 Bytes), Target IP timeline.v2 (8.30.2017).xlsx (23 KB), Nameless.txt (4 Bytes)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Friday, September 1, 2017 2:27:17 PM

To: mikef@kududyn.com; Manos Antonakakis <manos@gatech.edu>

Signed by: KEROMYTIS.ANGELOS.D.1501999799 on Friday, September 1, 2017 2:27:15 PM

Subject: Target IP timeline.v3 (8.31.2017).xlsx

Attachments: Nameless.txt (56 Bytes), Target IP timeline.v3 (8.31.2017).xlsx (23 KB), Nameless.txt (4 Bytes)

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>

Sent on: Sunday, August 27, 2017 1:31:22 AM

To: Manos Antonakakis <manos@gatech.edu>; mikef@kududyn.com; Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>

Subject: Target IP timeline.xlsx

Attachments: Target IP timeline.xlsx (21.5 KB), ATT00001.txt (2 Bytes)

Pass separately.

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, February 1, 2018 4:12:57 PM  
To: smb@cs.columbia.edu  
CC: fabian@cs.unc.edu; Angelos D. Keromytis [REDACTED] >  
Subject: Tenure Letter

Dear Dr. Bellovin,

My name is Manos Antonakakis ([www.antonakakis.org](http://www.antonakakis.org)) and I am an Assistant Professor in the School of Electrical and Computer Engineering (ECE) at the Georgia Institute of Technology (Georgia Tech). My main research interests revolve around DNS, anomaly detection and attack attribution.

The promotion and tenure committee at ECE informed me that I will be going up for tenure this year (one year earlier than normal). After talking about it with my close collaborators Angelos and Fabian, I decided to reach out to you and explore the potential of having you being one of my tenure letter writers.

Goes without saying that I would be truly honored to be able to list you as one of my letter writers.

If you give me the permission to include you in this list, the committee will be sending out the letter requests sometime in the latter half of June. My plan is to provide extensive summaries of my key intellectual products or anything else that could make the writing of this letter as less painful as possible for you.

Many thanks!

—

Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Friday, February 2, 2018 2:52:43 PM  
To: Jonathan M. Smith <jms@cis.upenn.edu>  
CC: Angelos D. Keromytis [REDACTED]  
Subject: Tenure Letter

Dear Jonathan,

The promotion and tenure committee at ECE informed me that I will be going up for tenure this year (one year earlier than normal). After talking about it with Angelos, I decided to reach out to you and explore the potential of having you being one of my tenure letter writers.

Goes without saying that I would be truly honored to be able to list you as one of my letter writers.

If you give me the permission to include you in this list, the committee will be sending out the letter requests sometime in the latter half of June. My plan is to provide extensive summaries of my key intellectual products or anything else that could make the writing of this letter as less painful as possible for you.

Many thanks!

—

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668



From: Angelos D. Keromytis [REDACTED] >  
Sent on: Tuesday, September 26, 2017 10:02:10 PM  
To: Manos Antonakakis <manos@gatech.edu>  
Subject: test

Did this work?

From: Angelos D. Keromytis [REDACTED]  
Sent on: Sunday, July 8, 2018 3:03:38 AM  
To: Tejas Patel <tejas@kududyn.com>; Manos Antonakakis <manos@gatech.edu>  
Subject: the bands (from next month's concert)

I think these URLs will let you access my music on GPlay, in case you want to get a previous of what'll be played:

Slayer: <https://play.google.com/music/m/Abba4znt5rpxaxr6yyscvslfphy?t=Slayer>

Benemoth: <https://play.google.com/music/m/Auqkf5hczp6tq6xe7wxe5f6bqeq?t=Behemoth>

Lamb of God: [https://play.google.com/music/m/Ag6nvwsyscfzdx7wvvh325bxqa?t=Lamb\\_of\\_God](https://play.google.com/music/m/Ag6nvwsyscfzdx7wvvh325bxqa?t=Lamb_of_God)

-Angelos

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Tuesday, October 30, 2018 9:11:14 PM

To: Tejas Patel <tejas@kududyn.com>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>

CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Smith, Jonathan <Jonathan.smith@darpa.mil>

Subject: The night of the Hackathon

Folks,

What do you want me to prepare for the first night of the hackathon (Nov 14th)? Do you want me to get the big room at Kyma or we should let everybody do their own thing?

Thanks,

—

Manos Antonakakis | manos@gatech.edu

Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

**From:** Angelos D. Keromytis [REDACTED]  
**Sent on:** Wednesday, April 25, 2018 1:28:03 AM  
**To:** tejas@kududyn.com; Manos Antonakakis<manos@gatech.edu>  
**Subject:** The Verge: Hackers emptied Ethereum wallets by breaking the basic infrastructure of the internet

BGP hijacking + DNS poisoning/spoofing. Remind you of something?

### **Hackers emptied Ethereum wallets by breaking the basic infrastructure of the internet**

The Verge

At midnight ET last night, MyEtherWallet users started noticing something odd. Connecting to the service, users were faced with an unsigned SSL certificate, a broken link in the site's... [Read the full story](#)

Shared from [Apple News](#)

From: Angelos D. Keromytis [REDACTED]

Sent on: Saturday, March 10, 2018 9:16:03 PM

To: Manos Antonakakis <manos@gatech.edu>

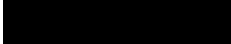
CC: Tejas Patel [REDACTED]

Subject: thoughts

Attachments: PGMIME Versions Identification (12 Bytes), encrypted.asc (3.88 KB)

From: Paul Vixie <vixie@fsi.io>

Sent on: Friday, May 11, 2018 7:57:50 AM

To: Manos Antonakakis <manos@gatech.edu>; David Dagon 

Subject: you guys and your work is referred to here

<https://www.sciencedirect.com/science/article/pii/S0167404818302967#bib0032>

--

P Vixie

**From:** Philip Gray via anti-s<anti-s@ncfta.net>  
**Sent on:** Friday, October 30, 2020 1:46:04 PM  
**To:** anti-s@ncfta.net  
**CC:** Philip Gray<Philip.Gray@albertahealthservices.ca>  
**Subject:** RE: [anti-s] Fw: FLASH ME-000138-TT TLP:WHITE

These Flash updates have been an enormous help. Thanks very much to everyone and their efforts.

Philip  
Alberta Health Services

---

**From:** anti-s@ncfta.net [mailto:anti-s@ncfta.net]  
**Sent:** Friday, October 30, 2020 6:25 AM  
**To:** anti-s@ncfta.net  
**Cc:** Leszczynski, Ryan J. (CYD) (FBI) <rjleszczynski@fbi.gov>  
**Subject:** [anti-s] Fw: FLASH ME-000138-TT TLP:WHITE  
Caution - This email came from an external address and may contain unsafe content. Ensure you trust this sender before opening attachments or clicking any links in this message.

---

Hi everyone:  
Please see the attached FLASH report. TLP: WHITE  
Thanks,  
Ryan

-----  
**Ryan J. Leszczynski**  
Supervisory Special Agent | FBI, Cyber Division  
*Liaison, National Cyber Forensics and Training Alliance*  
W: 412-618-3179 | C: 702-303-9833  
[rjleszczynski@fbi.gov](mailto:rjleszczynski@fbi.gov)

---

**From:** CYWATCH <[CYWATCH@FBI.GOV](mailto:CYWATCH@FBI.GOV)>  
**Sent:** Thursday, October 29, 2020 5:06 PM  
**Cc:** CYWATCH <[CYWATCH@FBI.GOV](mailto:CYWATCH@FBI.GOV)>  
**Subject:** FLASH ME-000138-TT TLP:WHITE



---

ALCON,  
Please see the attached FBI Liaison Alert System (FLASH) ME-000138-TT Indicators of Compromise Pertaining to Iranian Interference in the 2020 US Presidential Election.

FLASH ME-000138-TT informs the private sector of indicators of compromise associated with Iranian election interference.

This product is marked . Information may be distributed without restriction, subject to copyright controls.

Respectfully,  
CyD | NCIJTF | CyWatch  
(855) 292-3937

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

---

This message and any attached documents are only for the use of the intended recipient(s), are confidential and may contain privileged information. Any unauthorized review, use, retransmission, or other disclosure is strictly prohibited. If you have received this message in error, please notify the sender immediately, and then delete the original message. Thank you.

---

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----



From: Tom Undernehr via anti-s <anti-s@ncfta.net>  
Sent on: Thursday, October 29, 2020 2:18:16 PM  
To: anti-s@ncfta.net  
CC: Tom Undernehr <Tom.Undernehr@walmart.com>  
Subject: RE: [anti-s] Fwd: Joint Cybersecurity Alert AA20-302A

Gary,

Bazaar and the "more\_eggs" JS loader are being used to gain initial footholds, but not as the end goal. Another aspect that I'm not seeing in the report is some of the initial footholds are from old Emotet compromises that were never addressed.

In campaigns delivering ransomware, we have seen Ryuk and Conti for the most part, with one of the core members even pushing Maze a couple of times. We have seen a recent shift towards pushing ransomware, but that's across all industries, not just healthcare or gov.

I can absolutely confirm that Anchor is still being used with the indicators listed in the report, though only by the core Trickbot Crew and not the affiliates. One other indicator to look for from Anchor is the use of cutestat[.]com as a DNS proxy. In every case we've seen or heard of Anchor being used, there has been heavy Cobalt Strike activity used as well. From a lateral movement perspective, the core group is sticking with the Fin6 playbook laid out in FireEye's Pick-Six report.

The IP address lookup sites are used extensively by this group and others, so alerting on those is good practice, but not exclusive to the Trickbot group.

Thanks,

Tom Undernehr, CISSP, GCIA, GCED, ACSA

WALMART CONFIDENTIAL

-----Original Message-----

From: anti-s@ncfta.net <anti-s@ncfta.net>  
Sent: Wednesday, October 28, 2020 11:45 PM  
To: anti-s@ncfta.net  
Cc: Warner, Gary, Jr <gar@uab.edu>  
Subject: Re: [anti-s] Fwd: Joint Cybersecurity Alert AA20-302A

Regarding the Alert: "AA20-302A: Ransomware Activity Targeting the Healthcare and Public Health Sector"

<https://us-cert.cisa.gov/ncas/alerts/aa20-302a> <== public document, TLP:White

While there are some great cyber-hygiene tips in the report, it should be noted that there is absolutely no reason to believe that the IOCs in that warning are currently active.

All four of the domains shared were published in a Dec 11, 2019 report on the Anchor plug-in for Trickbot by CyberReason ( see: [https://www.cybereason.com/hubfs/Indicators\\_of\\_Compromise/Anchor\\_IOCs.pdf](https://www.cybereason.com/hubfs/Indicators_of_Compromise/Anchor_IOCs.pdf) )

Five of the "public IP identification resources" are also from that same report.

The others come from the Palo Alto Unit 42 report on Trickbot from November 8, 2019.

I'm not sure what the source of the IP addresses was, but they are also ancient. 23.95.97[.]59 was associated with Trickbot in reporting from April 23, 2018.

To put that in intel-speak: "This analyst assesses with high probability that none of these IOCs are going to do you a damn

bit of good."

The most authoritative source of Trickbot C2s is FEODOTracker, which is being used by Microsoft and others to aggressively go after any Trickbot C2s.

<https://feodotracker.abuse.ch/browse/trickbot/>

At this time the only known TrickBot C2s that are still active are:

36.91.87[.]227

181.143.186[.]42

164.68.107[.]165

92.62.65[.]163

NONE of those have been referenced in any recent Trickbot binary that I am aware of.

I am not aware of any industry expert who believes Ryuk is currently being delivered by Trickbot. After the Microsoft and Cybercommand action, the Ryuk actors have switched their delivery infrastructure to "Bazar Loader" -- a totally separate delivery infrastructure.

The "Bazar Loader" which is also being called KEGTAP (by Mandiant) and TEAM9 is documented nicely by FireEye with TIMESTAMPED IOCs from January 2020 through the domain names used in TODAY'S VERSION here:

<https://www.fireeye.com/blog/threat-research/2020/10/kegtap-and-singlemalt-with-a-ransomware-chaser.html>

STRONGLY recommend that you take the CISA Cyber Hygiene tips and then review the FireEye IOCs if you'd like to understand how Ryuk is currently being delivered in the October 2020 world.

-----  
Gary Warner gar@uab.edu  
The University of Alabama at Birmingham (UAB)  
205.422.2113  
-----

---

From: anti-s@ncfta.net <anti-s@ncfta.net> on behalf of Leszczynski, Ryan J. (CYD) (FBI) via anti-s <anti-s@ncfta.net>  
Sent: Wednesday, October 28, 2020 9:11 PM  
To: anti-s@ncfta.net  
Cc: Leszczynski, Ryan J. (CYD) (FBI)  
Subject: [anti-s] Fwd: Joint Cybersecurity Alert AA20-302A

Hi everyone

Please see attached advisory. TLP:WHITE

-----  
Ryan J. Leszczynski  
Supervisory Special Agent | FBI, Cyber Division Liaison, National Cyber Forensics and Training Alliance  
W: 412-618-3179 | C:702-303-9833  
rjleszczynski@fbi.gov

\*\* sent from mobile device, apologies for any typos \*\*

----- Forwarded message -----

From: CYWATCH <CYWATCH@FBI.GOV>  
Date: Oct 28, 2020 21:19  
Subject: Joint Cybersecurity Alert AA20-302A  
To:  
Cc: CYWATCH <CYWATCH@FBI.GOV>

> ALCON,

>

>

>

> Please see the attached Joint Cybersecurity Advisory AA20-302A TLP: WHITE, Ransomware Activity Targeting the Healthcare and Public Health Sector.

>

>

>

> This Joint Cybersecurity Advisory is being distributed to inform the healthcare and public health sector of an increased cyber crime threat to US hospitals and healthcare providers. This information is provided to ensure recipients take timely and reasonable precautions to protect their networks from these threats.

>

>

>

> This product is marked TLP: WHITE. The information in this product may be distributed without restriction, subject to copyright controls.

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

From: Tom Undernehr via anti-s <anti-s@ncfta.net>  
Sent on: Thursday, October 29, 2020 2:29:44 PM  
To: anti-s@ncfta.net  
CC: Tom Undernehr <Tom.Undernehr@walmart.com>  
Subject: RE: [anti-s] Fwd: Joint Cybersecurity Alert AA20-302A

Correction:  
Looking at the report again, there is one Anchor C2 that is not in the list:  
Westurn[.]in

Thanks,

Tom Undernehr, CISSP, GCIA, GCED, ACSA

WALMART CONFIDENTIAL

-----Original Message-----

From: anti-s@ncfta.net <anti-s@ncfta.net>  
Sent: Wednesday, October 28, 2020 11:45 PM  
To: anti-s@ncfta.net  
Cc: Warner, Gary, Jr <gar@uab.edu>  
Subject: Re: [anti-s] Fwd: Joint Cybersecurity Alert AA20-302A

Regarding the Alert: "AA20-302A: Ransomware Activity Targeting the Healthcare and Public Health Sector"

<https://us-cert.cisa.gov/ncas/alerts/aa20-302a> <== public document, TLP:White

While there are some great cyber-hygiene tips in the report, it should be noted that there is absolutely no reason to believe that the IOCs in that warning are currently active.

All four of the domains shared were published in a Dec 11, 2019 report on the Anchor plug-in for Trickbot by CyberReason ( see: <https://www.cybereason.com/hubfs/Indicators> of Compromise/Anchor IOCs.pdf )

Five of the "public IP identification resources" are also from that same report.

The others come from the Palo Alto Unit 42 report on Trickbot from November 8, 2019.

I'm not sure what the source of the IP addresses was, but they are also ancient. 23.95.97[.]59 was associated with Trickbot in reporting from April 23, 2018.

To put that in intel-speak: "This analyst assesses with high probability that none of these IOCs are going to do you a damn bit of good."

The most authoritative source of Trickbot C2s is FEODOTracker, which is being used by Microsoft and others to aggressively go after any Trickbot C2s.

<https://feodotracker.abuse.ch/browse/trickbot/>

At this time the only known TrickBot C2s that are still active are:

36.91.87[.]227  
181.143.186[.]42  
164.68.107[.]165  
92.62.65[.]163

NONE of those have been referenced in any recent Trickbot binary that I am aware of.

I am not aware of any industry expert who believes Ryuk is currently being delivered by Trickbot. After the Microsoft and Cybercommand action, the Ryuk actors have switched their delivery infrastructure to "Bazar Loader" -- a totally separate delivery infrastructure.

The "Bazar Loader" which is also being called KEGTAP (by Mandiant) and TEAM9 is documented nicely by FireEye with TIMESTAMPED IOCs from January 2020 through the domain names used in TODAY'S VERSION here:

<https://www.fireeye.com/blog/threat-research/2020/10/kegtap-and-singlemalt-with-a-ransomware-chaser.html>

STRONGLY recommend that you take the CISA Cyber Hygiene tips and then review the FireEye IOCs if you'd like to understand how Ryuk is currently being delivered in the October 2020 world.

-----  
Gary Warner gar@uab.edu  
The University of Alabama at Birmingham (UAB)  
205.422.2113  
-----

---

From: anti-s@ncfta.net <anti-s@ncfta.net> on behalf of Leszczynski, Ryan J. (CYD) (FBI) via anti-s <anti-s@ncfta.net>  
Sent: Wednesday, October 28, 2020 9:11 PM  
To: anti-s@ncfta.net  
Cc: Leszczynski, Ryan J. (CYD) (FBI)  
Subject: [anti-s] Fwd: Joint Cybersecurity Alert AA20-302A

Hi everyone

Please see attached advisory. TLP:WHITE

-----  
Ryan J. Leszczynski  
Supervisory Special Agent | FBI, Cyber Division Liaison, National Cyber Forensics and Training Alliance  
W: 412-618-3179 | C:702-303-9833  
rjleszczynski@fbi.gov

\*\* sent from mobile device, apologies for any typos \*\*

----- Forwarded message -----  
From: CYWATCH <CYWATCH@FBI.GOV>  
Date: Oct 28, 2020 21:19  
Subject: Joint Cybersecurity Alert AA20-302A  
To:  
Cc: CYWATCH <CYWATCH@FBI.GOV>

> ALCON,  
>  
>  
>  
> Please see the attached Joint Cybersecurity Advisory AA20-302A TLP: WHITE, Ransomware Activity Targeting the  
Healthcare and Public Health Sector.  
>  
>  
>

> This Joint Cybersecurity Advisory is being distributed to inform the healthcare and public health sector of an increased cyber crime threat to US hospitals and healthcare providers. This information is provided to ensure recipients take timely and reasonable precautions to protect their networks from these threats.

>

>

>

> This product is marked TLP: WHITE. The information in this product may be distributed without restriction, subject to copyright controls.

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

From: Warner, Gary, Jr via anti-s <anti-s@ncfta.net>  
Sent on: Thursday, October 29, 2020 5:45:10 AM  
To: anti-s@ncfta.net  
CC: Warner, Gary, Jr <gar@uab.edu>  
Subject: Re: [anti-s] Fwd: Joint Cybersecurity Alert AA20-302A

Regarding the Alert: "AA20-302A: Ransomware Activity Targeting the Healthcare and Public Health Sector"

<https://us-cert.cisa.gov/ncas/alerts/aa20-302a> <== public document, TLP:White

While there are some great cyber-hygiene tips in the report, it should be noted that there is absolutely no reason to believe that the IOCs in that warning are currently active.

All four of the domains shared were published in a Dec 11, 2019 report on the Anchor plug-in for Trickbot by CyberReason

( see: [https://www.cybereason.com/hubfs/Indicators\\_of\\_Compromise/Anchor\\_IOCs.pdf](https://www.cybereason.com/hubfs/Indicators_of_Compromise/Anchor_IOCs.pdf) )

Five of the "public IP identification resources" are also from that same report.

The others come from the Palo Alto Unit 42 report on Trickbot from November 8, 2019.

I'm not sure what the source of the IP addresses was, but they are also ancient. 23.95.97[.]59 was associated with Trickbot in reporting from April 23, 2018.

To put that in intel-speak: "This analyst assesses with high probability that none of these IOCs are going to do you a damn bit of good."

The most authoritative source of Trickbot C2s is FEODOTracker, which is being used by Microsoft and others to aggressively go after any Trickbot C2s.

<https://feodotracker.abuse.ch/browse/trickbot/>

At this time the only known TrickBot C2s that are still active are:

36.91.87[.]227

181.143.186[.]42

164.68.107[.]165

92.62.65[.]163

NONE of those have been referenced in any recent Trickbot binary that I am aware of.

I am not aware of any industry expert who believes Ryuk is currently being delivered by Trickbot. After the Microsoft and Cybercommand action, the Ryuk actors have switched their delivery infrastructure to "Bazar Loader" -- a totally separate delivery infrastructure.

The "Bazar Loader" which is also being called KEGTAP (by Mandiant) and TEAM9 is documented nicely by FireEye with TIMESTAMPED IOCs from January 2020 through the domain names used in TODAY'S VERSION here:

<https://www.fireeye.com/blog/threat-research/2020/10/kegtap-and-singlemalt-with-a-ransomware-chaser.html>

STRONGLY recommend that you take the CISA Cyber Hygiene tips and then review the FireEye IOCs if you'd like to understand how Ryuk is currently being delivered in the October 2020 world.

-----  
Gary Warner gar@uab.edu

---

From: anti-s@ncfta.net <anti-s@ncfta.net> on behalf of Leszczynski, Ryan J. (CYD) (FBI) via anti-s <anti-s@ncfta.net>  
Sent: Wednesday, October 28, 2020 9:11 PM  
To: anti-s@ncfta.net  
Cc: Leszczynski, Ryan J. (CYD) (FBI)  
Subject: [anti-s] Fwd: Joint Cybersecurity Alert AA20-302A

Hi everyone

Please see attached advisory. TLP:WHITE

-----

Ryan J. Leszczynski  
Supervisory Special Agent | FBI, Cyber Division  
Liaison, National Cyber Forensics and Training Alliance  
W: 412-618-3179 | C:702-303-9833  
rjleszczynski@fbi.gov

\*\* sent from mobile device, apologies for any typos \*\*

----- Forwarded message -----

From: CYWATCH <CYWATCH@FBI.GOV>  
Date: Oct 28, 2020 21:19  
Subject: Joint Cybersecurity Alert AA20-302A  
To:  
Cc: CYWATCH <CYWATCH@FBI.GOV>

> ALCON,

>

>

>

> Please see the attached Joint Cybersecurity Advisory AA20-302A TLP: WHITE, Ransomware Activity Targeting the Healthcare and Public Health Sector.

>

>

>

> This Joint Cybersecurity Advisory is being distributed to inform the healthcare and public health sector of an increased cyber crime threat to US hospitals and healthcare providers. This information is provided to ensure recipients take timely and reasonable precautions to protect their networks from these threats.

>

>

>

> This product is marked TLP: WHITE. The information in this product may be distributed without restriction, subject to copyright controls.



-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

From: Jonathan Matkowsky via anti-s <anti-s@ncfta.net>  
Sent on: Wednesday, April 14, 2021 3:14:22 AM  
To: anti-s@ncfta.net  
CC: Jonathan Matkowsky <jonathan.matkowsky@riskiq.net>  
Subject: Re: [anti-s] Fwd: Private Industry Notification 20210413-002 TLP: WHITE

Yes, this is awesome. It's like mandatory kinetic vaccinations to keep people safe!

Jonathan Matkowsky  
RiskIQ, Inc., Incident Investigation and Intelligence (i3)  
Threema 8ZAZKPHN | Keybase riskiq\_jonathan

On Tue, Apr 13, 2021 at 9:58 PM mark henderson via anti-s <anti-s@ncfta.net> wrote:

>  
> On 4/13/21 6:37 PM, Leszczynski, Ryan J. (CYD) (FBI) via anti-s wrote:  
> > Hey everyone:  
> >  
> > An interesting update and effort from our side.  
> >  
> > Please see the attached Private Industry Notification 20210413-002 TLP:  
> > WHITE, FBI Disrupts Cyber Actors' Exploitation of Microsoft Exchange  
> > Server Vulnerabilities.  
> >  
> > The purpose of this Private Industry Notification is to provide help to  
> > cyber security professionals and system administrators to guard against  
> > the persistent malicious actions of cyber actors.  
> >  
> > This product is marked TLP: WHITE. The information in this product may  
> > be distributed without restriction, subject to copyright controls.  
> >  
> > Thanks  
> >  
> > Ryan  
> >  
> > -----  
> >  
> > Ryan J. Leszczynski  
> > Supervisory Special Agent | FBI, Cyber Division  
> > Liaison, National Cyber Forensics and Training Alliance  
> > W: 412-618-3179 | C:702-303-9833  
> > rjleszczynski@fbi.gov  
> >  
> > \*\* sent from mobile device, apologies for any typos \*\*  
> >  
> >  
> > -----  
> >  
> > NOTICE: The National Cyber Forensics and Training Alliance (NCFTA) is a  
> > non-profit corporation dedicated to facilitating collaboration and  
> > information sharing between private industry, academia, and the law  
> > enforcement / intelligence community in order to efficiently research  
> > computer crimes and improve network security. This electronic mail  
> > message was sent by an employee of the FBI collocated at the NCFTA. FBI

> > staff collocated with the NCFTA are not employed by the NCFTA and are  
> > not representatives of that organization.

> >

> > -----

> > Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.

> > -----

> >

>

> Great work! I like what Asst AG Demers said, "demonstrates the Department's commitment to disrupt hacking activity using all of our legal tools, not just prosecutions".

>

> I remember 20+ years ago at a large ISP we were plagued with ICMP open amplifiers (ping requests to network [.0] and broadcast [.255] IPs would return ICMP echo replies to the spoofed target) used in Smurf attacks. One developer scripted finding vulnerable customers and sent them an email - no changes were made to the customers' configurations - that their network was being used as open amplifiers. Fixing any vulnerable customers that were used as open amps that we encountered in Smurf attacks also helped and so did Cisco iOS fixing the issue in their software with later releases.

>

> Best regards,

>

> Mark

>

> --

> Mark Henderson

> Internal Revenue Service

> Online Fraud Detection and Prevention

> OS:CTO:C:O:OFDP

> Desk: 202-556-2615

> mark.w.henderson@irs.gov

>

>

> -----

> Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.

> -----

>

>

--

\*\*\*\*\*

This message was sent from RiskIQ, and is intended only for the designated recipient(s). It may contain confidential or proprietary information and may be subject to confidentiality protections. If you are not a designated recipient, you may not review, copy or distribute this message. If you receive this in error, please notify the sender by reply e-mail and delete this message. Thank you.

\*\*\*\*\*

-----

Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.

-----

From: Warner, Gary, Jr via anti-s <anti-s@ncfta.net>  
Sent on: Friday, October 30, 2020 1:41:03 PM  
To: anti-s@ncfta.net  
CC: Warner, Gary, Jr <gar@uab.edu>  
Subject: Re: [anti-s] Fwd: UPDATE Joint Cybersecurity Alert AA20-302A UPDATE

Ryan,

That was such a quick turn-around, and the guidance is now MUCH more accurate and detailed! Thanks to all who helped improve it, and for listening to the community!

-----  
Gary Warner gar@uab.edu  
The University of Alabama at Birmingham (UAB)  
205.422.2113  
-----

-----  
From: anti-s@ncfta.net <anti-s@ncfta.net> on behalf of Leszczynski, Ryan J. (CYD) (FBI) via anti-s <anti-s@ncfta.net>  
Sent: Thursday, October 29, 2020 8:20 PM  
To: anti-s@ncfta.net  
Cc: Leszczynski, Ryan J. (CYD) (FBI)  
Subject: [anti-s] Fwd: UPDATE Joint Cybersecurity Alert AA20-302A UPDATE

Hi everyone

Please see attached (updated) advisory.

Thanks

Ryan

-----  
Ryan J. Leszczynski  
Supervisory Special Agent | FBI, Cyber Division  
Liaison, National Cyber Forensics and Training Alliance  
W: 412-618-3179 | C:702-303-9833  
rjleszczynski@fbi.gov

\*\* sent from mobile device, apologies for any typos \*\*

----- Forwarded message -----  
From: CYWATCH <CYWATCH@FBI.GOV>  
Date: Oct 29, 2020 21:15  
Subject: UPDATE Joint Cybersecurity Alert AA20-302A UPDATE  
To:  
Cc: CYWATCH <CYWATCH@FBI.GOV>

[cid:image001.png@01D6AE38.7097DA90]  
UPDATE UPDATE UPDATE

ALCON,

Please see the attached Joint Cybersecurity Advisory AA20-302A TLP: WHITE, Ransomware Activity Targeting the

Healthcare and Public Health Sector Update.

This Joint Cybersecurity Advisory is being distributed to provide updated indicators of compromise to ensure healthcare providers can take timely and reasonable precautions to protect their networks from an increased cybercrime threat.

This product is marked TLP: WHITE. The information in this product may be distributed without restriction, subject to copyright controls.

Respectfully,

CyD | NCIJTF | CyWatch  
(855) 292-3937

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

**From:** Leszczynski, Ryan J. (CYD) (FBI) via anti-s<anti-s@ncfta.net>  
**Sent on:** Monday, June 15, 2020 3:42:35 PM  
**To:** anti-s@ncfta.net  
**CC:** Leszczynski, Ryan J. (CYD) (FBI)<rjleszczynski@fbi.gov>  
**Subject:** RE: [anti-s] PIN-20200612-001 (TLP:WHITE)

Thank you Lori!  
Ryan

---

**From:** anti-s@ncfta.net <anti-s@ncfta.net>  
**Sent:** Friday, June 12, 2020 4:41 PM  
**To:** anti-s@ncfta.net  
**Cc:** Lori Brown <lori@people.ops-trust.net>  
**Subject:** Re: [anti-s] PIN-20200612-001 (TLP:WHITE)

Hi Ryan,

Thank you for sharing. Using Zetalytics APIs, I was able to find a few additional related domains:

abq-airport[.]com  
airport-las[.]com  
albany-airport[.]com  
anchorage-airport[.]info  
baltimore-airport[.]info  
boi-airport[.]com  
buffalo-niagara-airport[.]com  
bur-airport[.]com  
charlestonsc-airport[.]com  
cle-airport[.]com  
cmh-airport[.]com  
cvg-airport[.]com  
el Paso-airport[.]com  
ft-lauderdale-airport[.]com  
gum-airport[.]com  
jackson-airport[.]com  
la-guardia-airport[.]com  
lgb-airport[.]com  
ont-airport[.]com  
orf-airport[.]com  
sacramento-airport[.]net  
sdf-airport[.]com  
syracuse-airport[.]info  
tulsa-airport[.]info

I hope these are helpful.

Regards,

Lori Stotler Brown

On Jun 12, 2020, at 3:17 PM, Leszczynski, Ryan J. (CYD) (FBI) via anti-s <[anti-s@ncfta.net](mailto:anti-s@ncfta.net)> wrote:

Hi everyone:

Please see the attached Private Industry Notification (PIN) 20200612-001 TLP: WHITE, Unattributed Cyber Actors Register Domains Spoofing Legitimate Airport Websites as a Possible Precursor to Future Operational Activity. PIN 20200612-001 is being distributed to provide an early warning alert to Aviation Sector stakeholders, which includes a list of 450 spoofed airport domains and associated IP addresses, as well as implications of observed activity.

This product is marked TLP: WHITE. The information in this product may be distributed without restriction, subject to copyright controls.

-----

**Ryan J. Leszczynski**

Supervisory Special Agent |FBI, Cyber Division

*Liaison, National Cyber Forensics and Training Alliance*

W: 412-618-3179 | C: 702-303-9833

[rjleszczynski@fbi.gov](mailto:rjleszczynski@fbi.gov)

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere witho  
-----

<PIN\_20200612-001\_Unattributed\_Cyber\_Actors\_Spoof\_Legitimate\_Airport\_Domains.pdf>

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----



From: Leszczynski, Ryan J. (CYD) (FBI) via anti-s <anti-s@ncfta.net>  
Sent on: Monday, June 15, 2020 3:27:01 PM  
To: anti-s@ncfta.net  
CC: Leszczynski, Ryan J. (CYD) (FBI) <rjleszczynski@fbi.gov>  
Subject: RE: [anti-s] PIN-20200612-001 (TLP:WHITE)

Anyone know if Albuquerque, NM is a popular destination for Georgians (Caucasus variety, not Southern US)? Seems a bit odd...

-----  
Ryan J. Leszczynski  
Supervisory Special Agent | FBI, Cyber Division  
Liaison, National Cyber Forensics and Training Alliance  
W: 412-618-3179 | C: 702-303-9833  
rjleszczynski@fbi.gov

-----Original Message-----  
From: anti-s@ncfta.net <anti-s@ncfta.net>  
Sent: Monday, June 15, 2020 6:59 AM  
To: anti-s@ncfta.net  
Cc: Carel <carel@spamhaus.org>  
Subject: Re: [anti-s] PIN-20200612-001 (TLP:WHITE)

> Op 12 jun. 2020, om 21:17 heeft Leszczynski, Ryan J. (CYD) (FBI) via anti-s <anti-s@ncfta.net> het volgende geschreven:  
>  
> Hi everyone:  
>  
> Please see the attached Private Industry Notification (PIN) 20200612-001 TLP: WHITE, Unattributed Cyber Actors Register Domains Spoofing Legitimate Airport Websites as a Possible Precursor to Future Operational Activity.

Some of these domains ended up listed in our DBL dataset. We have received a removal request for abq-airport[.]com coming from 31.146.8.187, using the name of 'Zura' and email 'info@abq-airport[.]com'.

Regards,  
Carel @ Spamhaus

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere without permission of the original author.  
-----

**From:** Aldenberg, William B. (NH) (FBI)<wbaldenberg@fbi.gov>  
**Sent on:** Thursday, February 11, 2021 1:13:02 AM  
**To:** Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Re: [EXTERNAL EMAIL] - Re: DARPA

Angelos

I will forward it to you shortly. Thank you again for your time.

Bill

-

On Feb 10, 2021 6:36 PM, "Keromytis, Angelos D" <angelos@gatech.edu> wrote:  
Bill, I haven't yet received any VTC info for tomorrow.  
-Angelos

On Feb 4, 2021, at 20:11, Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov> wrote:

Yes. Thank you. We will call you at 1300.

-

On Feb 4, 2021 8:08 PM, "Keromytis, Angelos D" <angelos@gatech.edu> wrote:

Bill, does 1300 Eastern tomorrow work?  
Best,  
-Angelos

On Feb 4, 2021, at 18:50, Aldenberg, William B. (NH) (FBI)  
<wbaldenberg@fbi.gov> wrote:

Angelos

I have copied Andrew DeFilippis the AUSA handling this matter. We would like to have a short call with you tomorrow to give you a general overview of what we would like to discuss next Thursday. Please let us know if you have time and we will give you a call. Shouldn't be more than 10 minutes.

Thank you,

Bill

-

On Feb 4, 2021 4:43 PM, "Keromytis, Angelos D" <angelos@gatech.edu> wrote:

Bill,

Per our quick call: I can make myself available for an unclassified call with the assistant attorney(s) next Thursday, 1300-1400 Eastern. Please send me VTC information.

Since (as you also mentioned in your original email, below) you are treating me as a (possible) witness to a matter, I will be attending by myself.

As discussed, it would be helpful to know the general topic(s)/area(s) for discussion, so I can confirm with the DARPA GC what I can speak to wrt proprietary sensitivities -- some contracting matters are DARPA-internal, and there are also some constraints on what I can say about contracts that I was managing that fall under 18 USC. (See attached documents. I don't expect what we'll discuss will fall under these provisions, but do keep it in mind because I will be.)

Thanks,  
-Angelos

> On Feb 4, 2021, at 2:57 PM, Aldenberg, William B. (NH) (FBI)  
<wbaldenberg@fbi.gov> wrote:

>

> Dr. Keromytis

>

> My name is Special Agent Bill Aldenberg with the FBI. I am currently assigned to the Special Counsels office. We would like to speak with you regarding your time at DARPA. You are possibly a witness to a matter we are investigating. Please give me a call when you have a moment. My cell # is 203-868-7487 and my desk number is 203-503-5200. The main # for my office is 203-503-5000.

>

> Kate Wasch from your General Counsel's office was notified that we were going to reach out to you.

>

> Thank you and we look forward to speaking with you.

>

> Bill Aldenberg

> FBI – New Haven

**From:** "Keromytis, Angelos D" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8F339093DC3C4BC7B981913B18F6BCFB-KEROMYTIS\_A>  
**Sent on:** Friday, February 12, 2021 1:38:36 AM  
**To:** Aldenberg, William B. (NH) (FBI)<wbaldenberg@fbi.gov>  
**CC:** Aldenberg, William (JMD)<William.Aldenberg@usdoj.gov>; DeFilippis, Andrew (JMD)<Andrew.DeFilippis2@usdoj.gov>  
**Subject:** Re: [EXTERNAL EMAIL] - Re: Interview with Angelos Keromytis

No problem, feel free to reach out if I can help with anything else.

On Feb 11, 2021, at 19:15, Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov> wrote:

Angelos

Thank you for the information and taking the time to speak with us today.

Bill

-

On Feb 11, 2021 3:41 PM, "Keromytis, Angelos D" <angelos@gatech.edu> wrote:  
In case these help, since you asked related questions:

- First time I met Dave Dagon (that I have a record for) is on November 2015, at DARPA. Probably some emails prior/leading up to that, as I was doing the planning for the EA program (what datasets exist, what is technical possible/plausible, etc.)
- First time I met Rodney Joffe (again, that I have a record for) is on April 2016; intent was to find out about what data Neustar has/had that might be helpful to the program. Had a couple of follow-ons (not sure if meetings or phone calls) in June.
- First discussion with FBI (NCIJTF) about EA around February 2016. (We had prior interactions, going back to March 2015, about a different program.)
- First discussion with NSD/DoJ about EA ~December 2015 (although maybe also October 2015).

(These are from my calendar, so I have limited context.)

-Angelos

> On Feb 10, 2021, at 8:15 PM, Aldenberg, William (JMD) <William.Aldenberg@usdoj.gov> wrote:

>

> Angelos

>

> The meeting info is below.

>  
> Thank you  
>  
> Bill  
>  
> Sent from my iPhone  
>  
> Begin forwarded message:  
>  
>> From: "Arsenault, Kori (USACT)" <karsenault@usa.doj.gov>  
>> Date: February 10, 2021 at 6:30:47 PM EST  
>> To: "Aldenberg, William (JMD)" <waldenberg@jmd.usdoj.gov>  
>> Subject: Interview with Angelos Keromytis  
>>  
>>  
>> -- Do not delete or change any of the following text. --  
>>  
>> When it's time, join your Webex meeting here.  
>>  
>>  
>> Join meeting <  
<https://usao.webex.com/usao/j.php?MTID=m55b5d90407dccb738475e7b0f93cb1a7>>  
>>  
>> More ways to join:  
>>  
>> Join from the meeting link  
>> <https://usao.webex.com/usao/j.php?MTID=m55b5d90407dccb738475e7b0f93cb1a7>  
>>  
>>  
>> Join by meeting number  
>> Meeting number (access code): 199 859 3736  
>> Meeting password: UqVshRcp362  
>>  
>> Tap to join from a mobile device (attendees only)  
>> +1-929-251-9612,,1998593736## <tel:%2B1-929-251-9612,,\*01\*1998593736%23%23\*01\*>  
USA Toll 2  
>> +1-415-527-5035,,1998593736## <tel:%2B1-415-527-5035,,\*01\*1998593736%23%23\*01\*>  
US Toll  
>>  
>> Join by phone  
>> +1-929-251-9612 USA Toll 2  
>> +1-415-527-5035 US Toll  
>> Global call-in numbers <  
<https://usao.webex.com/usao/globalcallin.php?MTID=m21b20fbab4af75f730b728900d31a653>  
>  
>>  
>> Join from a video system or application  
>> Dial 1998593736@usao.webex.com <sip:1998593736@usao.webex.com>  
>> You can also dial 207.182.190.20 and enter your meeting number.  
>>  
>>  
>> Join using Microsoft Lync or Microsoft Skype for Business  
>> Dial 1998593736.usao@lync.webex.com <sip:1998593736.usao@lync.webex.com>

>>

>>

>> If you are a host, click here<

<https://usao.webex.com/usao/j.php?MTID=mf804e11bfbb9d451c23297eca1e87ab2>> to view  
host information.

>>

>>

>> Need help? Go to <https://help.webex.com>

>>

>>

>>

**From:** Leszczynski, Ryan J. (CYD) (FBI) via anti-s<anti-s@ncfta.net>  
**Sent on:** Thursday, August 27, 2020 1:45:03 PM  
**To:** anti-s@ncfta.net  
**CC:** Leszczynski, Ryan J. (CYD) (FBI)<rjleszczynski@fbi.gov>  
**Subject:** RE: [EXTERNAL EMAIL] - Re: [EXTERNAL] [anti-s] FW: FLASH AC-000131-TT TLP:WHITE

Sure, once you get established at TIGTA, just send me an email and we'll get your email address updated.  
R

---

**From:** anti-s@ncfta.net <anti-s@ncfta.net>  
**Sent:** Thursday, August 27, 2020 7:30 AM  
**To:** anti-s@ncfta.net  
**Cc:** Griffis, Daniel <daniel.n.griffis@nasa.gov>  
**Subject:** [EXTERNAL EMAIL] - Re: [EXTERNAL] [anti-s] FW: FLASH AC-000131-TT TLP:WHITE

Hey Ryan!

I'm about to switch over to TIGTA from NASA OIG. Can you drop this email account from the listserv and would you mind if I pinged you from the new account to reestablish connectivity?

Thanks!!

-Dan

---

Dan Griffis  
Special Agent  
National Aeronautics and Space Administration  
Office of Inspector General  
Cyber Crimes Division  
Desk - 301.286.3326

**! WARNING !**This email including any attachments is intended only for authorized recipients. This email may contain non-public information that is subject to the Privacy Act and/or other applicable privileges that restrict release without appropriate legal authority and clearance. Accordingly, the use, dissemination, distribution or reproduction of this information to or by unauthorized or unintended recipients, may be unlawful.

---

**From:** <anti-s@ncfta.net> on behalf of "Leszczynski, Ryan J. (CYD) (FBI) via anti-s" <anti-s@ncfta.net>  
**Date:** Monday, August 24, 2020 at 3:17 PM  
**To:** "anti-s@ncfta.net" <anti-s@ncfta.net>  
**Cc:** "Leszczynski, Ryan J. (CYD) (FBI)" <rjleszczynski@fbi.gov>  
**Subject:** [EXTERNAL] [anti-s] FW: FLASH AC-000131-TT TLP:WHITE

Hello everyone:

Please see attached FBI Liaison Alert System (FLASH) AC-000131-TT Tactics, Techniques, and Procedures Associated with Malware within Chinese Government-Mandated Tax Software.

FLASH AC-000131-TT is being disseminated as a follow-up to FLASH AC-000129-TT with additional IOCs and TTPs.

This product is marked .Information may be distributed without restriction, subject to copyright controls.

Thanks,

Ryan

-----  
**Ryan J. Leszczynski**  
Supervisory Special Agent | FBI, Cyber Division  
*Liaison, National Cyber Forensics and Training Alliance*  
W: 412-618-3179 | C: 702-303-9833  
[rjleszczynski@fbi.gov](mailto:rjleszczynski@fbi.gov)

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

**From:** McNeal, Jeff, S (Serco NA) via anti-s<anti-s@ncfta.net>  
**Sent on:** Wednesday, August 25, 2021 12:07:27 AM  
**To:** anti-s@ncfta.net  
**CC:** McNeal, Jeff, S (Serco NA)<Jeffrey.Mcneal@serco-na.com>  
**Subject:** Re: [EXTERNAL] [anti-s] Fwd: FLASH CU-000149-MW TLP:WHITE

Serco Business

Hello Ryan,

I am changing jobs as moving to the Eagle Corporation - Manger of Tech and Security Services. New email - jmcneal@eaglecorpUSA.com

Could you please change my email address?

Thanks,  
Jeff

**From:** anti-s@ncfta.net <anti-s@ncfta.net> on behalf of Ryan Leszczynski via anti-s <anti-s@ncfta.net>  
**Sent:** Monday, August 23, 2021 6:44 PM  
**To:** anti-s@ncfta.net <anti-s@ncfta.net>  
**Cc:** Ryan Leszczynski <rjleszczynski@fbi.gov>  
**Subject:** [EXTERNAL] [anti-s] Fwd: FLASH CU-000149-MW TLP:WHITE

Attention: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hey everyone:

Please see the attached FBI Liaison Alert System (FLASH) CU-000149-MW **TLP: WHITE**, Indicators of Compromise Associated with OnePercent Group Ransomware.

The intended outcome of CU-000149-MW is to provide indicators of compromise associated with threat actor activities.

This product is marked **TLP: WHITE**. The information in this product may be distributed without restriction, subject to copyright controls.

Ryan

-----

**Ryan J. Leszczynski**

Supervisory Special Agent | FBI, Cyber Division

*Liaison, National Cyber Forensics and Training Alliance*

W:[412-618-3179](tel:412-618-3179) | C:[702-303-9833](tel:702-303-9833)

[rjleszczynski@fbi.gov](mailto:rjleszczynski@fbi.gov)

\*\*\* sent from mobile device, please excuse the typos \*\*\*

---

NOTICE: The National Cyber Forensics and Training Alliance (NCFTA) is a non-profit corporation dedicated to facilitating collaboration and information sharing between private industry, academia, and the law enforcement / intelligence community in order to efficiently research computer crimes and improve network security. This electronic mail message was sent by an employee of the FBI collocated at the NCFTA. FBI staff collocated with the NCFTA are not employed by the NCFTA and are not representatives of that organization.



-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

-----  
Information posted to anti-s is highly confidential and should not be re-posted anywhere wi  
-----

**From:** Michael Wise via anti-s<anti-s@ncfta.net>  
**Sent on:** Thursday, October 29, 2020 3:49:13 AM  
**To:** anti-s@ncfta.net  
**CC:** Michael Wise<Michael.Wise@microsoft.com>  
**Subject:** RE: [EXTERNAL] [anti-s] Fwd: Joint Cybersecurity Alert AA20-302A

This?

<https://us-cert.cisa.gov/ncas/alerts/aa20-302a>

Aloha,  
Michael.

--

**Michael J Wise**

Microsoft Corporation | [Spam Analysis](#)

"Your Spam Specimen Has Been Processed."

[Open a ticket for Hotmail ?](#)

---

**From:** anti-s@ncfta.net <anti-s@ncfta.net>  
**Sent:** Wednesday, October 28, 2020 7:12 PM  
**To:** anti-s@ncfta.net  
**Cc:** Leszczynski, Ryan J. (CYD) (FBI) <rjleszczynski@fbi.gov>  
**Subject:** [EXTERNAL] [anti-s] Fwd: Joint Cybersecurity Alert AA20-302A

Hi everyone

Please see attached advisory. TLP:WHITE

-----

Ryan J. Leszczynski  
Supervisory Special Agent | FBI, Cyber Division  
Liaison, National Cyber Forensics and Training Alliance  
W: 412-618-3179 | C:702-303-9833  
[rjleszczynski@fbi.gov](mailto:rjleszczynski@fbi.gov)  
\*\* sent from mobile device, apologies for any typos \*\*

----- Forwarded message -----

From: CYWATCH <[CYWATCH@FBI.GOV](mailto:CYWATCH@FBI.GOV)>

Date: Oct 28, 2020 21:19

Subject: Joint Cybersecurity Alert AA20-302A

To:

Cc: CYWATCH <[CYWATCH@FBI.GOV](mailto:CYWATCH@FBI.GOV)>

> ALCON,

>

>

>

> Please see the attached Joint Cybersecurity Advisory AA20-302ATLP: WHITE, Ransomware Activity Targeting the Healthcare and Public Health Sector.

>

>

>

> This Joint Cybersecurity Advisory is being distributed to inform the healthcare and public health sector of an increased cyber crime threat to US hospitals and healthcare providers. This information is provided to ensure recipients take timely and reasonable precautions to protect their networks from these threats.

>

>

>

> This product is marked TLP: WHITE. The information in this product may be distributed without restriction, subject to copyright controls.

**From:** Virginia L. Wright<Virginia.Wright@inl.gov>  
**Sent on:** Monday, October 21, 2019 1:19:44 AM  
**To:** Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Re: [EXTERNAL] Fwd: Upcoming ARLIS workshop

I got it! Thank you.

Sent from my iPhone

On Oct 20, 2019, at 7:45 PM, Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)> wrote:

In case they didn't send this to you already...

Begin forwarded message:

**From:** Michelle Morrison <[mmorriso@umd.edu](mailto:mmorriso@umd.edu)>  
**Subject:** Upcoming ARLIS workshop  
**Date:** October 10, 2019 at 8:56:30 AM EDT  
**To:** Katherine.e.arrington.civ@mail.mil, [pb3a@virginia.edu](mailto:pb3a@virginia.edu),  
[REDACTED], [laura.carter@dst.defence.gov.au](mailto:laura.carter@dst.defence.gov.au),  
[joycec@dni.gov](mailto:joycec@dni.gov), [john.costello@hq.dhs.gov](mailto:john.costello@hq.dhs.gov), [pete.dinsmore@jhuapl.edu](mailto:pete.dinsmore@jhuapl.edu),  
Jeffrey Dodson <[Jeffrey.dodson@baesystems.com](mailto:Jeffrey.dodson@baesystems.com)>, [wrevanina@fbi.gov](mailto:wrevanina@fbi.gov),  
[kkfoley@ball.com](mailto:kkfoley@ball.com), [Randall.M.Fort@raytheon.com](mailto:Randall.M.Fort@raytheon.com), [William.Gade@dodiis.mil](mailto:William.Gade@dodiis.mil),  
[lan.harrison@ukti.gsi.gov.uk](mailto:lan.harrison@ukti.gsi.gov.uk), "Ivester, Robert" <[robert.iverster@ee.doe.gov](mailto:robert.iverster@ee.doe.gov)>,  
[edward.jakes@nnsa.doe.gov](mailto:edward.jakes@nnsa.doe.gov), [gordon.b.johnson@lmco.com](mailto:gordon.b.johnson@lmco.com),  
[angelos@gatech.edu](mailto:angelos@gatech.edu), [Max.Oliver113@mod.gov.uk](mailto:Max.Oliver113@mod.gov.uk), [gglouie@mac.com](mailto:gglouie@mac.com),  
[lucyshyn@umd.edu](mailto:lucyshyn@umd.edu), [REDACTED], [mfm@mcgrath-analytics-llc.com](mailto:mfm@mcgrath-analytics-llc.com),  
Paul Michaels [REDACTED], >, [can@mitre.org](mailto:can@mitre.org),  
[wphoel@umd.edu](mailto:wphoel@umd.edu), [aporter@cs.umd.edu](mailto:aporter@cs.umd.edu), [dawn.pulliam@lmco.com](mailto:dawn.pulliam@lmco.com),  
[Kurt.r.ravenfeld@lmco.com](mailto:Kurt.r.ravenfeld@lmco.com), William C Regli <[regli@umd.edu](mailto:regli@umd.edu)>, Harvey  
Rishikof <[rishikofh@me.com](mailto:rishikofh@me.com)>, [sandi.rodny@jhuapl.edu](mailto:sandi.rodny@jhuapl.edu), Peter Sandborn <  
[sandborn@umd.edu](mailto:sandborn@umd.edu)>, [Nigel.Shaw108@mod.gov.uk](mailto:Nigel.Shaw108@mod.gov.uk),  
[scott.m.sperling@lmco.com](mailto:scott.m.sperling@lmco.com), [william.d.stephens24.civ@mail.mil](mailto:william.d.stephens24.civ@mail.mil),  
[paul.syers@ee.doe.gov](mailto:paul.syers@ee.doe.gov), [douglas.d.thomas@lmco.com](mailto:douglas.d.thomas@lmco.com), [mthomas4@fbi.gov](mailto:mthomas4@fbi.gov),  
"Maryjo CIV (USA)" <[maryjo.thomas.civ@mail.mil](mailto:maryjo.thomas.civ@mail.mil)>, [m.webb@adelaide.edu.au](mailto:m.webb@adelaide.edu.au),  
[Virginia.Wright@inl.gov](mailto:Virginia.Wright@inl.gov), [may106@arl.psu.edu](mailto:may106@arl.psu.edu), [kristen.j.baldwin.civ@mail.mil](mailto:kristen.j.baldwin.civ@mail.mil),  
[malcolm.carrie@baesystems.com](mailto:malcolm.carrie@baesystems.com), [kristopher.e.gardner2.civ@mail.mil](mailto:kristopher.e.gardner2.civ@mail.mil),  
[thomas.hedberg@nist.gov](mailto:thomas.hedberg@nist.gov), [brian.d.hughes3.civ@mail.mil](mailto:brian.d.hughes3.civ@mail.mil),  
[sudarsan.rachuri@ee.doe.gov](mailto:sudarsan.rachuri@ee.doe.gov), [personst@gao.gov](mailto:personst@gao.gov),  
[amanda.l.williams162.ctr@mail.mil](mailto:amanda.l.williams162.ctr@mail.mil), [kelly.a.fox7.ctr@mail.mil](mailto:kelly.a.fox7.ctr@mail.mil)  
**Cc:** "Michelle E. Morrison" <[mmorrison@arlis.umd.edu](mailto:mmorrison@arlis.umd.edu)>, Craig Travers  
Lawrence <[clawren4@umd.edu](mailto:clawren4@umd.edu)>, [smcconnell@arlis.umd.edu](mailto:smcconnell@arlis.umd.edu)  
**Reply-To:** [mmorrison@arlis.umd.edu](mailto:mmorrison@arlis.umd.edu)

Dear all,

I hope this email finds you well. We are looking forward to welcoming you at the **2019 Workshop to Secure and Illuminate the Global Industrial Base** on November 12-13. Please read this email carefully, as it contains important information.

I have attached a **draft agenda** for your perusal. Please note that Day 1 will be entirely unclassified and will take place in the Kay Boardroom at the Kim Engineering

Building (8228 Paint Branch Dr., College Park, MD 20742). Day 2 will take place entirely at the University of Maryland Applied Research Lab for Intelligence and Security (7005 52<sup>nd</sup> Ave; College Park, MD 20742). The first session in the morning on Day 2 will be unclassified; the remainder of the day will be classified at the TS/SCI level.

**If you plan to attend the workshop and have not yet filled out the attached registration form, please do so as soon as possible.** It should be emailed to me at [mmorrison@arlis.umd.edu](mailto:mmorrison@arlis.umd.edu). If you are unable to attend, please let me know as soon as possible.

**Hotel Reservations:** We have reserved a room block at The Hotel, which is a short walk away from the Kim Engineering building. To reserve a room, please call 301-277-7777; reference "UMD ARLIS workshop" to receive the workshop rate of \$179/night. Rooms will be released for general booking on Tuesday, October 15, so **please book your room as soon as possible.**

**Security Clearances:** If you are a U.S. citizen and are planning to attend the classified portions of the workshop, please see the following information, provided to us by our security office, regarding clearance passing:

*Cleared US folks can have their security office send clearance info in JPAS to either our SCI level SMO code (OUB922 – leading digit is a zero) or if collateral to SMO code OUB924. If they don't have JPAS their security office can fax a visit authorization request (VAR) to our Security fax (if at SCI level it needs to come from their government sponsor security office) at 301-226-8811*

If you are not a U.S. citizen and will be participating in the classified portion of the workshop, clearance passing must be handled on a case-by-case basis. Please send me an email with your security clearance level. I will then pass that along to our security folks.

**Transportation:** The University of Maryland is easily accessible from the Metro (College Park station), and I will send out directions from the Metro to both workshop venues a few days before the workshop begins. If you plan to drive and will need to park your car on UMD campus on Day 1, please let me know, so that I can provide you with a parking voucher. (For Day 2, parking at UMD ARLIS is free.)

**Pre-Workshop Reception:** We'd like to hold a small meet-and-greet reception the evening before the workshop begins for those who are already in town. If you will be in town and available to attend, please let me know so that we can make adequate preparations.

**Bios:** We'd like to compile bios of everyone who attends the workshop. Please send me your bio, so that it can be included.

If you have any questions, please let us know.

Best,

Michelle

(on behalf of the workshop organizers)

--  
--

Michelle Morrison, PhD

Associate Research Scientist  
Applied Research Lab for Intelligence and Security  
University of Maryland  
[mmorrison@arlis.umd.edu](mailto:mmorrison@arlis.umd.edu)

<Workshop\_Nov2019\_registrationform.pdf>

<Workshop\_Nov2019\_invitation.pdf>

<Workshop\_Nov2019\_summaryprogram.docx>

From: Wasch, Kate <kate.wasch@legal.gatech.edu>  
Sent on: Monday, July 6, 2020 8:11:20 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
CC: Nie, Ling-Ling <linglingnie@gatech.edu>; David Dagon [REDACTED]; Connolly, Robert <robert.connolly@police.gatech.edu>  
Subject: Re: [Tim.Fuhrman@usdoj.gov: FW: Possible Interview]

Of course. I'm happy to have a conversation.

Kate

> On Jul 6, 2020, at 3:07 PM, Antonakakis, Manos <manos@gatech.edu> wrote:  
>  
> Hey Kate and Ling-Ling,  
>  
> Dave is looking for some advice. Can we please provide some guidance to our researcher on how he should reply back to the DoJ investigator?  
>  
> Chief; all these are just FYI-  
>  
> Thanks,  
>  
> --  
> Manos Antonakakis, Ph.D. | manos@gatech.edu  
> College of Engineering Dean's Professorship Chair and Associate Professor  
> Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
> School of Electrical and Computer Engineering | Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>  
>> On Jul 6, 2020, at 2:42 PM, dagon [REDACTED] > wrote:  
>>  
>> Hi,  
>>  
>> I previously forwarded an email to you from Tim Fuhrman, before the  
>> holiday on June 30, 2020. I just received the message below.  
>>  
>> Is there any update?  
>>  
>> ----- Forwarded message from "Fuhrman, Tim (JMD)" <Tim.Fuhrman@usdoj.gov> -----  
>>  
>> Date: Mon, 6 Jul 2020 17:48:52 +0000  
>> From: "Fuhrman, Tim (JMD)" <Tim.Fuhrman@usdoj.gov>  
>> To: [REDACTED]  
>> [REDACTED]  
>> CC: "Fuhrman, Timothy J. (MO) (FBI)" <TJFUHRMAN@fbi.gov>  
>> Subject: FW: Possible Interview  
>> Message-ID: <CY1P110MB0373932A5FD75121EF61F45B9F690@CY1P110MB0373.NAMP110.PROD.OUTLOOK.COM>  
>> Content-Type: multipart/alternative;  
>> boundary="\_000\_CY1P110MB0373932A5FD75121EF61F45B9F690CY1P110MB0373NAMP\_"  
>>  
>> Mr. Dagon- I am forwarding the attached email which I sent to you last week. That email was preceded by three voicemail messages left for you to determine if you would agree to a voluntary interview now that Georgia Tech and the Department of Defense have no objection to you doing so. As I am in Washington, DC this week, I can be reached on any of the three numbers listed below or you may feel free to respond to this email address. I hope that I will receive a response from you this time.

>>

>> Tim Fuhrman, Investigator, Department of Justice

>> 202-616-1470 (Office)

>> 202-307-2388 (Alternate Office)

>> 202-532-3557 (Cell)

>>

>>

>> From: Fuhrman, Timothy J. (MO) (FBI) <TJFUHRMAN@fbi.gov>

>> Sent: Monday, June 29, 2020 12:49 PM

>> To: [REDACTED]

>> Subject: Possible Interview

>>

>> Mr. Dagon- as you may recall, I contacted you several months ago on behalf of the US Department of Justice (DOJ). At that time you indicated that you did not believe either Georgia Tech or the Department of Defense (DOD) entity funding your research would authorize you to be interviewed about the matters that are of interest to us. After numerous discussions with the DOD entity and Georgia Tech's Office of General Counsel, we have been advised that neither organization objects to an interview of you as part of our work.

>> As I mentioned to you previously, our investigation has found that you have knowledge relevant to it. To that end, we believe that you are a witness who can provide valuable information to advance our investigation.

>> I would ask that you kindly contact me at 202-532-3557 (Cell); 202-6161470 (DC Office); or 251-415-3298 (Temporary office in Mobile, AL) so that we can schedule an interview with you. Thank you in advance for your cooperation. Timothy Fuhrman, Investigator, DOJ

>>

>>

>> ----- End forwarded message -----

>>

>> --

>> David Dagon

>> [REDACTED]

[REDACTED]

>

From: dagon [REDACTED]  
Sent on: Monday, July 6, 2020 8:18:01 PM  
To: Wasch, Kate <kate.wasch@legal.gatech.edu>  
CC: Antonakakis, Manos <manos@gatech.edu>; Nie, Ling-Ling <linglingnie@gatech.edu>; Connolly, Robert <robert.connolly@police.gatech.edu>  
Subject: Re: [Tim.Fuhrman@usdoj.gov: FW: Possible Interview]

On Mon, Jul 06, 2020 at 07:11:20PM +0000, Wasch, Kate wrote:

> Of course. I'm happy to have a conversation.

Thanks everyone. Kate, is there a time I might call?

--

David Dagon  
[REDACTED]



From: Manos Antonakakis <manos@gatech.edu>

Sent on: Tuesday, June 30, 2020 6:00:39 PM

To: David Dagon [REDACTED]

CC: Wasch, Kate <kate.wasch@legal.gatech.edu>

Subject: Re: [TJFUHRMAN@fbi.gov: Possible Interview]

Attachments: PGP MIME Versions Identification (13 Bytes), encrypted.asc (4.24 KB)

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Tuesday, June 30, 2020 6:01:39 PM

To: David Dagon [REDACTED] >

CC: Wasch, Kate <kate.wasch@legal.gatech.edu>

Subject: Re: [TJFUHRMAN@fbi.gov: Possible Interview]

Attachments: PGP MIME Versions Identification (13 Bytes), encrypted.asc (4.31 KB)

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Tuesday, June 30, 2020 6:02:09 PM

To: David Dagon [REDACTED]

CC: Wasch, Kate <kate.wasch@legal.gatech.edu>

Subject: Re: [TJFUHRMAN@fbi.gov: Possible Interview]

Attachments: PGP MIME Versions Identification (13 Bytes), encrypted.asc (4.41 KB)

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Tuesday, June 30, 2020 6:02:39 PM

To: David Dagon [REDACTED] >

CC: Wasch, Kate <kate.wasch@legal.gatech.edu>

Subject: Re: [TJFUHRMAN@fbi.gov: Possible Interview]

Attachments: PGP MIME Versions Identification (13 Bytes), encrypted.asc (4.42 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, May 4, 2020 3:24:54 PM  
To: Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>  
CC: Knotts, Robert B <knotts@gatech.edu>  
Subject: Re: Address update

Thank you Dave, moving you to BCC.

Mr. Fuhrman, my cell phone number is [REDACTED] You can call me or you can talk directly to Mr. Knotts (CCed), who is the Exec Dir-Federal Relations for Georgia Tech at (202) 756-3670.

Thanks,

—  
Dr. Manos Antonakakis | Associate Professor | manos@gatech.edu  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>  
Sent: Monday, May 4, 2020 10:03 AM  
To: dagon  
Cc: Antonakakis, Manos  
Subject: Re: Address update

Mr. Dagon- thanks for getting back to me. At your convenience, Could you or Mr. Antonokakis provide me with a phone number where I can contact him? Thank you in advance. Tim Fuhrman

Sent from my iPhone

> On May 1, 2020, at 5:04 PM, dagon [REDACTED] wrote:  
>  
>> On Thu, Apr 30, 2020 at 07:35:18PM +0000, Fuhrman, Tim (JMD) wrote:  
>>  
>> Mr. Dagon- thank you for reaching out to me. I just left you a  
>> message on the phone number you called me on. Look forward to  
>> hearing from you. Tim Fuhrman  
>  
> Hi Tim,  
>  
> Thanks for your call yesterday. As discussed, we're required to  
> work through the school's liaison process. Prof. Manos Antonakakis,  
> addressed above, is my co-PI on research projects and supervises my  
> work in the lab. Tim is with the DOJ, working with an AG review team.  
>  
> As you can imagine, things are very busy at the University right  
> now, given the global pandemic. So can you briefly relay to  
> Prof. Antonakakis the nature of your inquiry? He can then engage our  
> university and federal liaison staff.  
>  
> You noted this concerns the general type of DNS information  
> discussed in this public report:  
>

> [https://justthenews.com/sites/default/files/2020-04/Ankura\\_AlfaBank\\_ResearchAnalysis\\_Apr2020dh.pdf.pdf](https://justthenews.com/sites/default/files/2020-04/Ankura_AlfaBank_ResearchAnalysis_Apr2020dh.pdf.pdf)

>

> I caution that the above report, commissioned by a foreign entity,  
> suggests that global public iterative DNS data is private, and covered  
> by US federal privacy policies. This is false of course, and would  
> have an enormous impact on the entire DNS security industry, which  
> relies on public DNS data analysis---and that may well have been its  
> intent.

>

> For that reason, I suspect your inquiry might be relevant to Georgia  
> Tech, and our sponsored research projects. Manos, I know you're busy,  
> but for the reasons I've suggested, this may prove important.

>

> --

> David Dagon

[REDACTED]

From: Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>  
Sent on: Monday, May 4, 2020 3:03:58 PM  
To: dagon [REDACTED] >  
CC: manos@gatech.edu  
Subject: Re: Address update

Mr. Dagon- thanks for getting back to me. At your convenience, Could you or Mr. Antonokakis provide me with a phone number where I can contact him? Thank you in advance. Tim Fuhrman

Sent from my iPhone

> On May 1, 2020, at 5:04 PM, dagon [REDACTED] wrote:

>  
>> On Thu, Apr 30, 2020 at 07:35:18PM +0000, Fuhrman, Tim (JMD) wrote:

>>  
>> Mr. Dagon- thank you for reaching out to me. I just left you a  
>> message on the phone number you called me on. Look forward to  
>> hearing from you. Tim Fuhrman

>  
> Hi Tim,

>  
> Thanks for your call yesterday. As discussed, we're required to  
> work through the school's liaison process. Prof. Manos Antonakakis,  
> addressed above, is my co-PI on research projects and supervises my  
> work in the lab. Tim is with the DOJ, working with an AG review team.

>  
> As you can imagine, things are very busy at the University right  
> now, given the global pandemic. So can you briefly relay to  
> Prof. Antonakakis the nature of your inquiry? He can then engage our  
> university and federal liaison staff.

>  
> You noted this concerns the general type of DNS information  
> discussed in this public report:

>  
> [https://justthenews.com/sites/default/files/2020-04/Ankura\\_AlfaBank\\_ResearchAnalysis\\_Apr2020dh.pdf.pdf.pdf](https://justthenews.com/sites/default/files/2020-04/Ankura_AlfaBank_ResearchAnalysis_Apr2020dh.pdf.pdf.pdf)

>  
> I caution that the above report, commissioned by a foreign entity,  
> suggests that global public iterative DNS data is private, and covered  
> by US federal privacy policies. This is false of course, and would  
> have an enormous impact on the entire DNS security industry, which  
> relies on public DNS data analysis---and that may well have been its  
> intent.

>  
> For that reason, I suspect your inquiry might be relevant to Georgia  
> Tech, and our sponsored research projects. Manos, I know you're busy,  
> but for the reasons I've suggested, this may prove important.

>  
> --  
> David Dagon

> [REDACTED]

**From:** Roddy, Sandi A.<Sandi.Roddy@jhuapl.edu>  
**Sent on:** Monday, November 4, 2019 6:04:58 PM  
**To:** Keromytis, Angelos D<angelos@gatech.edu>  
**CC:** Dinsmore, Peter T.<Pete.Dinsmore@jhuapl.edu>; Virginia L. Wright<Virginia.Wright@inl.gov>  
**Subject:** RE: ARLIS workshop - venue change and draft program

I must have mis-read the clearance passing... Yes, TS only is best.

---

**From:** Keromytis, Angelos D <angelos@gatech.edu>  
**Sent:** Monday, November 4, 2019 12:42 PM  
**To:** Roddy, Sandi A. <Sandi.Roddy@jhuapl.edu>  
**Cc:** Dinsmore, Peter T. <Pete.Dinsmore@jhuapl.edu>; Virginia L. Wright <Virginia.Wright@inl.gov>  
**Subject:** Re: ARLIS workshop - venue change and draft program

I don't think it matters a whole lot, to be honest.

Btw, where do you see SCI? It just says "Classified". Anyway, let's plan on keeping it at TS.

-Angelos

On Nov 4, 2019, at 10:53 AM, Roddy, Sandi A. <[Sandi.Roddy@jhuapl.edu](mailto:Sandi.Roddy@jhuapl.edu)> wrote:  
I just noticed the panel description was based on my earlier submission – does that need to change/be updated?

Also the session is at SCI and I thought Michael did not have an SCI... Not my problem, but just a consideration.

**From:**Michelle Morrison <[mmorriso@umd.edu](mailto:mmorriso@umd.edu)>

**Sent:**Thursday, October 31, 2019 12:48 PM

**To:**[Katherine.e.arrington.civ@mail.mil](mailto:Katherine.e.arrington.civ@mail.mil);[pb3a@virginia.edu](mailto:pb3a@virginia.edu); [malcolm.carrie@baesystems.com](mailto:malcolm.carrie@baesystems.com);[tcc@mitre.org](mailto:tcc@mitre.org);[joycec@dni.gov](mailto:joycec@dni.gov); Dinsmore, Peter T. <[Pete.Dinsmore@jhuapl.edu](mailto:Pete.Dinsmore@jhuapl.edu)>; Jeffrey Dodson <[Jeffrey.dodson@baesystems.com](mailto:Jeffrey.dodson@baesystems.com)>;[wrevanina@fbi.gov](mailto:wrevanina@fbi.gov);[ian.florey.fm@mail.mil](mailto:ian.florey.fm@mail.mil);[Randall.M.Fort@raytheon.com](mailto:Randall.M.Fort@raytheon.com); Gade, William R CIV DIA (US) <[William.Gade@dodiis.mil](mailto:William.Gade@dodiis.mil)>;[lisa@lharringtongroup.com](mailto:lisa@lharringtongroup.com);[helmut.h.hawkins.civ@mail.mil](mailto:helmut.h.hawkins.civ@mail.mil); Hedberg, Thomas D. (Fed) <[thomas.hedberg@nist.gov](mailto:thomas.hedberg@nist.gov)>;[moneer.helu@nist.gov](mailto:moneer.helu@nist.gov);[thomas.hoare@wiltonpark.org.uk](mailto:thomas.hoare@wiltonpark.org.uk); Hughes, Brian D CIV OSD OUSD R-E (USA) <[brian.d.hughes3.civ@mail.mil](mailto:brian.d.hughes3.civ@mail.mil)>; Ivester, Robert <[robert.ivester@ee.doe.gov](mailto:robert.ivester@ee.doe.gov)>;[edward.jakes@nnsa.doe.gov](mailto:edward.jakes@nnsa.doe.gov);[gordon.b.johnson@lmco.com](mailto:gordon.b.johnson@lmco.com);[angelos@gatech.edu](mailto:angelos@gatech.edu);[louis.kratz@lmco.com](mailto:louis.kratz@lmco.com);[jalewis@csis.org](mailto:jalewis@csis.org);[kirk.m.liddle.mil@mail.mil](mailto:kirk.m.liddle.mil@mail.mil); William Lucyshyn <[lucyshyn@umd.edu](mailto:lucyshyn@umd.edu)>;[rjmcclellan@micron.com](mailto:rjmcclellan@micron.com);[jessica.mcfate@tecsonomy.com](mailto:jessica.mcfate@tecsonomy.com); Michael McGrath <[mfm@mcgrath-analytics-llc.com](mailto:mfm@mcgrath-analytics-llc.com)>; Paul Michaels <[REDACTED]>; Chris Nissen <[can@mitre.org](mailto:can@mitre.org)>;[personst@gao.gov](mailto:personst@gao.gov); Wayne G Phoel <[wphoel@umd.edu](mailto:wphoel@umd.edu)>;[aporter@cs.umd.edu](mailto:aporter@cs.umd.edu);[dawn.pulliam@lmco.com](mailto:dawn.pulliam@lmco.com);[Kurt.r.ravenfeld@lmco.com](mailto:Kurt.r.ravenfeld@lmco.com); William C Regli <[regli@umd.edu](mailto:regli@umd.edu)>; Harvey Rishikof <[rishikofh@me.com](mailto:rishikofh@me.com)>; Roddy, Sandi A. <[Sandi.Roddy@jhuapl.edu](mailto:Sandi.Roddy@jhuapl.edu)>;[Robert.Rohrer@dni.gov](mailto:Robert.Rohrer@dni.gov); Rush, Scott <[scott.rush@lmco.com](mailto:scott.rush@lmco.com)>; Peter Sandborn <[sandborn@umd.edu](mailto:sandborn@umd.edu)>;[scott.m.sperling@lmco.com](mailto:scott.m.sperling@lmco.com);[timothy.sprock@nist.gov](mailto:timothy.sprock@nist.gov);[william.d.stephens24.civ@mail.mil](mailto:william.d.stephens24.civ@mail.mil); Switzer, Bryan R (Rick) <[switzerbr@state.gov](mailto:switzerbr@state.gov)>; Theriault, Jason C CIV DCSA DCSA ISIA (USA) <[jason.c.theriault.civ@mail.mil](mailto:jason.c.theriault.civ@mail.mil)>;[douglas.d.thomas@lmco.com](mailto:douglas.d.thomas@lmco.com);[mthomas4@fbi.gov](mailto:mthomas4@fbi.gov); Maryjo CIV (USA) <[maryjo.thomas.civ@mail.mil](mailto:maryjo.thomas.civ@mail.mil)>; Virginia L. Wright <[Virginia.Wright@inl.gov](mailto:Virginia.Wright@inl.gov)>;[may106@arl.psu.edu](mailto:may106@arl.psu.edu);[kim.skiles@lmco.com](mailto:kim.skiles@lmco.com);[jphelan@raytheon.com](mailto:jphelan@raytheon.com);[JEANNPC@dni.gov](mailto:JEANNPC@dni.gov)

**Cc:**Sara McConnell <[smcconnell@arlis.umd.edu](mailto:smcconnell@arlis.umd.edu)>; Craig Travers Lawrence <[clawren4@umd.edu](mailto:clawren4@umd.edu)>

**Subject:**ARLIS workshop - venue change and draft program

Dear all,

I hope this email finds you well. We are looking forward to seeing you in a couple of weeks. Please find attached a draft program for the workshop and a list of workshop participants– it's shaping up to be an exciting event!

**Importantly, please note that the venue for Day 1 of the workshop has changed.** Interest in the event



exceeded our expectations (and our reserved space on campus); therefore, **the entire event will now take place at the University of Maryland Applied Research Lab for Intelligence and Security (7005 52<sup>nd</sup> Ave, College Park, MD 20742)**. There will not be any sessions on the main campus in the Kim Engineering Building. Please be sure to update your calendars accordingly.

There is ample free parking at ARLIS. For those of you who are staying at The Hotel, we will work with The Hotel to provide a shuttle to ARLIS each morning. For those of you who will be using the Metro, ARLIS is a convenient 5-minute walk from the College Park station on the Green line.

**If you are planning to attend the classified session and have not yet had your clearance passed, please do so as soon as possible.** The best way to do this is to have a visit request sent through JPAS. If your VR is sent by fax, please note that it must come from your government sponsor. More information from our security office is included below.

*Cleared US folks can have their security office send clearance info in JPAS to either our SCI level SMO code (0UB922 – leading digit is a zero) or if collateral to SMO code 0UB924. If they don't have JPAS their security office can fax a visit authorization request (VAR) to our Security fax (if at SCI level it needs to come from their government sponsor security office) at 301-226-8811*

You can use my name (Michelle Morrison) as the visit POC. My office number is 301-226-8846, and our address is University of Maryland ARLIS, 7005 52<sup>nd</sup> Ave, College Park, MD 20742

We are looking forward to seeing you in just a few weeks. If you have any questions, please email them to me and Sara McConnell ([smcconnell@arlis.umd.edu](mailto:smcconnell@arlis.umd.edu)) and we will be sure they make it to the right person.

Best,

Michelle

--  
--

Michelle Morrison, PhD  
Associate Research Scientist, Maryland Language Science Center  
Affiliate, Applied Research Lab for Intelligence and Security  
University of Maryland  
[mmorrison@arlis.umd.edu](mailto:mmorrison@arlis.umd.edu)  
<Workshop\_Nov2019\_draftprogram\_103019.pdf>

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Friday, September 10, 2021 4:30:09 PM  
**To:** Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Re: As the dust slowly settles

Thanks. Took me all morning, now I am behind on the reports that Chris wants. ☹️

---

**From:** "Keromytis, Angelos D" <angelos@gatech.edu>  
**Date:** Friday, September 10, 2021 at 11:27 AM  
**To:** "Antonakakis, Manos" <manos@gatech.edu>  
**Subject:** Re: As the dust slowly settles  
Very nicely written.

On Sep 10, 2021, at 10:51, Antonakakis, Manos <manos@gatech.edu> wrote:

Hey Steve and Chaouki,

As the dust slowly settles, and everybody gets a very clear picture of this situation we will need to think about how we move forward.

In meetings I had with both of you, and as I originally identified with this email, we need to come up with a plan that describes how this research can continue in GT yet eliminate as much of the fly-by risk from all parties involved. From what took place over the last two months one thing is clear in my mind; I cannot keep doing things the way we have been doing them at GT. I love GT dearly, I have made numerous personal and financial sacrifices for GT, but the risk is simply too high for me. As Chaouki also acknowledged in one of our recent meetings, the risk is getting too high for GT as well. Not because we are doing something illegal --- it is just the nature of the attribution research our team is engaged in.

In my mind I see a single realistic path forward. The riskiest components of this entire research area (namely; commercial data acquisition and data access) will have to be moved outside GT with the explicit blessing of GT. Decoupling certain research areas from top schools has been done before with great success (i.e., look at what UCB did with ICSI). In our case, we simply have to take advantage of the EA transition vehicle and technology spinoff from GT that we have set up already; VLI.

VLI as you very well know is Angelos' and mine technology spinoff so we have to manage all possible COI with great caution. But I do not think this is a showstopper.

But again, at the end of the day, VLI MUST hold the bulk of data already (and inevitably the bulk of the risk) already because it has been set up to serve the operational needs of DoD when it comes to the EA technology. In my mind, it makes no sense to duplicate this risk in GT. So the million dollar question is the following: How can we keep the risk contained at VLI while enabling more research in GT?

Do we need a blanket COI about how people can work with VLI's data in GT? How can GT and VLI jointly bid on proposals as primes --- so we can keep paying the GRAs in GT and at the same time have experts in the field manage the risk and the operational aspects of the technology transition at VLI? How can we create the proper dynamic between VLI and GT where GT remains the leading research unit in this space and GT clearly acknowledges VLI as the de facto transition vehicle for this research? How can the IP created in GT, by GT researchers yet with data that VLI holds can then be licensed by VLI or the inventor of the technology without throwing VLI's interest under the bus (from a technology and competition point of view)?

We are probably breaking new grounds here and I am not sure if and how any of these are even possible. That being said, I do think that this is a well worth problem spending some time thinking about.

I do not want to give up GT, I do not want to allow a politically motivated body of the DoJ to take away a research area from GT --- a research area that was created by people in this email thread. That is simply unAmerican. But, I cannot be blind and ignorant anymore about what happened the last two months and what will almost certainly happen again in the years to come as political tensions rise. To that end I would like to set up a meeting as early as possible with all of you to discuss what is possible and what is not. If a mutually beneficial solution that reduces or at least significantly manages

the risk for all parties involved can be identified, we should then loop in legal or anyone else necessary to start writing things down in a MoU.

Gentlemen, as I have said before, this is a research area Angelos and I created. We cannot simply walk away from it.

Thanks, Manos

---

**From:** "Nie, Ling-Ling" <linglingnie@gatech.edu>

**Date:** Saturday, July 24, 2021 at 11:32 AM

**To:** "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thank you for your thoughtful email. I know these last few weeks have been a whirlwind. I will ask my assistant to reach out on Monday to schedule time for all of us to talk further.

Ling-Ling

---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Saturday, July 24, 2021 10:50 AM

**To:** McLaughlin, Steven W; Abdallah, Chaouki T; Nie, Ling-Ling

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hey Steve, Chaouki and Ling-Ling,

Hope you are doing great.

I have not been bothering you about this because I have been told by Christian (who is an absolute Rock star!) that Ling-Ling (or someone in her team) has been communicating to you what is going on with this situation.

This email is not about me explaining to you that I have done nothing wrong. I suspect that now that Christian has all the information he needs he can independently arrive at that conclusion and communicate what needs to be communicated to you.

This email is about the key question, "And now what?"

From where I stand, and for the first time in my life I felt that I am being investigated by law enforcement because of my ideas and the work I have done for the USG/DoD. For the first time since the moment I landed in Dulles international airport on October 1st of 2004, I had a serious discussion with my wife about moving back to Greece. Most importantly, however, I brought unnecessary attention from the DoJ in my working environment. This besides potentially hurting my reputation within GT (even if it is from an optics point of view) it also personally disappoints me greatly, because as a GT PhD student (2006-2012) and now as a faculty (2014-now) I always had as a goal to bring good news, recognition and success to GT --- and certainly not the attention of a special council.

If I make an attempt to come in your shoes, it would be absolutely reasonable for all of you to have questions about the risk that my research (and perhaps even myself) could bring to the Institute in the future. Therefore, when the dust settles I would like to have a discussion with all of you about the following two key open questions:

1. First and foremost, how do you feel about my actions now that GT legal has a plethora of my emails and after I spent countless hours explaining to everyone why I did what I did at the time I did it? If you think I did something unethical (not necessarily illegal) I will work with GT to smoothly (see running projects, students, SOW deliverables, etc.) or otherwise transition out. You have my word on this.
2. Big data analysis and machine learning for attack attribution is the future. After all these events with this politically driven inquisition, I need to see if there is a place where I can keep working on this research space that I invented over the last 5 years through my work in EA. What I would like to know is how GT upper management and legal feels about my line of research after all these events? Is GT a place that would welcome more innovation in this space, or this is simply not your (read is as GT's) cup of tea anymore?

Finally, I will leave you with an anecdote and a thought. During one of my interviews with the Special Counsel prosecutor, I was asked point blank by Mr. DeFilippis, "Do you believe that DARPA should be instructing you to investigate the origins of a hacker (Guccifer\_2.0) that hacked a political entity (DNC)?" Let that sync for a moment, folks. Someone hacked a political party (DNC, in this case), in the middle of an election year (2016), and the lead investigator of DoJ's special council would question whether US researchers working for DARPA should conduct investigations in this matter is

“acceptable”! While I was tempted to say back to him “What if this hacker hacked GOP? Would you want me to investigate him then?”, I kept my cool and I told him that this is a question for DARPA’s director, and not for me to answer.

Steve, Chaouki and Ling-Ling; please, try to imagine a “United States of America” where investigations and prosecutions are determined by ideas and political beliefs. This has been tried before in human history and the results of it was forced labor and Gulags.

Folks, I strongly believe we will need this type of research and much more innovation in this space to preserve our democracy. This is factually true for a single yet fundamental reason: data driven scientific attribution is unbiased politically. Data belongs to no political party. Our nation's adversaries will keep attacking our country --- I am certain of this because their attacks simply work and are tremendously impactful to our society.

Thank you and have a great weekend.

PS. I am writing this email on a weekend because this is my first downtime since July 2<sup>nd</sup> when I received the subpoena.

Thanks, Manos

---

**From:** "Nie, Ling-Ling" <linglingnie@gatech.edu>

**Date:** Friday, July 2, 2021 at 7:50 PM

**To:** "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "Wasch, Kate" <kate.wasch@legal.gatech.edu>, "Lunon, Darryl" <dl91@gatech.edu>

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thanks for forwarding. I’m copying Kate’s correct email address and adding Darryl. We will confer internally and come back to you early next week as there are some people who are out of the office for the holiday weekend that we will need to loop in.

---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Friday, July 2, 2021 2:39 PM

**To:** McLaughlin, Steven W; Abdallah, Chaouki T; kate.wesch@legal.gatech.edu; Nie, Ling-Ling

**Subject:** Fw: FGJ Subpoena for Manos Antonakakis

Hey Steve/Chaouki/Kate/Ling-Ling,

Hope you are doing great! Evidently I need to appear in front of a Grand Jury on July 15th. Any idea if I should talk with GT counsel before or if anyone from GT should be with me in this testimony?

This is a first for me so I am not sure what to do next.

Thanks, Manos

---

**From:** Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>

**Sent:** Friday, July 2, 2021 4:28 PM

**To:** Antonakakis, Manos

**Cc:** kate.wesch@legal.gatech.edu; Fuhrman, Tim (JMD)

**Subject:** FGJ Subpoena for Manos Antonakakis

Dear Mr. Antonakakis - This is Jack Eckenrode, an Investigator with the US Justice Department. Together with my colleague Tim Fuhrman, copied here, with whom you may have had previous contact, we are attaching a federal grand jury subpoena seeking your testimony in Washington, DC on July 15, 2021 at 1:00pm. You should feel free to contact either one of us in the event that you have any questions related to the subpoena or your appearance.

Also copied for her awareness is Kate Wasch, legal counsel from Georgia Tech.

**From:** Keromytis, Angelos D<angelos@gatech.edu>  
**Sent on:** Monday, September 13, 2021 2:43:33 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Subject:** Re: As the dust slowly settles

Works for me as well.

On Sep 13, 2021, at 09:39, Antonakakis, Manos <manos@gatech.edu> wrote:

Absolutely, Steve. Not only I am available, but I am happy to make my patio/living room (the weather does look like rain) available.

Thanks, Manos

---

**From:** McLaughlin, Steven W <sm140@gatech.edu>  
**Date:** Monday, September 13, 2021 at 9:05 AM  
**To:** Antonakakis, Manos <manos@gatech.edu>, Abdallah, Chaouki T <ctabdallah@gatech.edu>, Keromytis, Angelos D <angelos@gatech.edu>  
**Subject:** Re: As the dust slowly settles

Hi Manos

Great to hear from you - any chance we could meet in person with Chaouki and me on Saturday morning?

Best

Steve

\*\*\*\*\*

Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs  
Georgia Institute of Technology  
\*\*\*\*\*

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Friday, September 10, 2021 at 10:51 AM  
**To:** "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "Keromytis, Angelos D" <angelos@gatech.edu>  
**Subject:** As the dust slowly settles

Hey Steve and Chaouki,

As the dust slowly settles, and everybody gets a very clear picture of this situation we will need to think about how we move forward.

In meetings I had with both of you, and as I originally identified with this email, we need to come up with a plan that describes how this research can continue in GT yet eliminate as much of the fly-by risk from all parties involved. From what took place over the last two months one thing is clear in my mind; I cannot keep doing things the way we have been doing them at GT. I love GT dearly, I have made numerous personal and financial sacrifices for GT, but the risk is simply too high for me. As Chaouki also acknowledged in one of our recent meetings, the risk is getting too high for GT as well. Not because we are doing something illegal --- it is just the nature of the attribution research our team is engaged in.

In my mind I see a single realistic path forward. The riskiest components of this entire research area (namely; commercial data acquisition and data access) will have to be moved outside GT with the explicit blessing of GT. Decoupling certain research areas from top schools has been done before with great success (i.e., look at what UCB did with ICSI). In our case, we simply have to take advantage of

the EA transition vehicle and technology spinoff from GT that we have set up already; VLI.

VLI as you very well know is Angelos' and mine technology spinoff so we have to manage all possible COI with great caution. But I do not think this is a showstopper.

But again, at the end of the day, VLI MUST hold the bulk of data already (and inevitably the bulk of the risk) already because it has been set up to serve the operational needs of DoD when it comes to the EA technology. In my mind, it makes no sense to duplicate this risk in GT. So the million dollar question is the following: How can we keep the risk contained at VLI while enabling more research in GT?

Do we need a blanket COI about how people can work with VLI's data in GT? How can GT and VLI jointly bid on proposals as primes --- so we can keep paying the GRAs in GT and at the same time have experts in the field manage the risk and the operational aspects of the technology transition at VLI? How can we create the proper dynamic between VLI and GT where GT remains the leading research unit in this space and GT clearly acknowledges VLI as the de facto transition vehicle for this research? How can the IP created in GT, by GT researchers yet with data that VLI holds can then be licensed by VLI or the inventor of the technology without throwing VLI's interest under the bus (from a technology and competition point of view)?

We are probably breaking new grounds here and I am not sure if and how any of these are even possible. That being said, I do think that this is a well worth problem spending some time thinking about.

I do not want to give up GT, I do not want to allow a politically motivated body of the DoJ to take away a research area from GT --- a research area that was created by people in this email thread. That is simply unAmerican. But, I cannot be blind and ignorant anymore about what happened the last two months and what will almost certainly happen again in the years to come as political tensions rise.

To that end I would like to set up a meeting as early as possible with all of you to discuss what is possible and what is not. If a mutually beneficial solution that reduces or at least significantly manages the risk for all parties involved can be identified, we should then loop in legal or anyone else necessary to start writing things down in a MoU.

Gentlemen, as I have said before, this is a research area Angelos and I created. We cannot simply walk away from it.

Thanks, Manos

---

**From:** "Nie, Ling-Ling" <linglingnie@gatech.edu>

**Date:** Saturday, July 24, 2021 at 11:32 AM

**To:** "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thank you for your thoughtful email. I know these last few weeks have been a whirlwind. I will ask my assistant to reach out on Monday to schedule time for all of us to talk further.

Ling-Ling

---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Saturday, July 24, 2021 10:50 AM

**To:** McLaughlin, Steven W; Abdallah, Chaouki T; Nie, Ling-Ling

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hey Steve, Chaouki and Ling-Ling,

Hope you are doing great.

I have not been bothering you about this because I have been told by Christian (who is an absolute Rock star!) that Ling-Ling (or someone in her team) has been communicating to you what is going on with this situation.

This email is not about me explaining to you that I have done nothing wrong. I suspect that now that Christian has all the information he needs he can independently arrive at that conclusion and communicate what needs to be communicated to you.

This email is about the key question, "And now what?"

From where I stand, and for the first time in my life I felt that I am being investigated by law enforcement because of my ideas and the work I have done for the USG/DoD. For the first time since the moment I landed in Dulles international airport on October 1st of 2004, I had a serious discussion with my wife about moving back to Greece. Most importantly, however, I brought unnecessary attention from the DoJ in my working environment. This besides potentially hurting my reputation

within GT (even if it is from an optics point of view) it also personally disappoints me greatly, because as a GT PhD student (2006-2012) and now as a faculty (2014-now) I always had as a goal to bring good news, recognition and success to GT --- and certainly not the attention of a special council.

If I make an attempt to come in your shoes, it would be absolutely reasonable for all of you to have questions about the risk that my research (and perhaps even myself) could bring to the Institute in the future. Therefore, when the dust settles I would like to have a discussion with all of you about the following two key open questions:

1. First and foremost, how do you feel about my actions now that GT legal has a plethora of my emails and after I spent countless hours explaining to everyone why I did what I did at the time I did it? If you think I did something unethical (not necessarily illegal) I will work with GT to smoothly (see running projects, students, SOW deliverables, etc.) or otherwise transition out. You have my word on this.
2. Big data analysis and machine learning for attack attribution is the future. After all these events with this politically driven inquisition, I need to see if there is a place where I can keep working on this research space that I invented over the last 5 years through my work in EA. What I would like to know is how GT upper management and legal feels about my line of research after all these events? Is GT a place that would welcome more innovation in this space, or this is simply not your (read is as GT's) cup of tea anymore?

Finally, I will leave you with an anecdote and a thought. During one of my interviews with the Special Counsel prosecutor, I was asked point blank by Mr. DeFilippis, "Do you believe that DARPA should be instructing you to investigate the origins of a hacker (Guccifer\_2.0) that hacked a political entity (DNC)?" Let that sync for a moment, folks. Someone hacked a political party (DNC, in this case), in the middle of an election year (2016), and the lead investigator of DoJ's special council would question whether US researchers working for DARPA should conduct investigations in this matter is "acceptable"! While I was tempted to say back to him "What if this hacker hacked GOP? Would you want me to investigate him then?", I kept my cool and I told him that this is a question for DARPA's director, and not for me to answer.

Steve, Chaouki and Ling-Ling; please, try to imagine a "United States of America" where investigations and prosecutions are determined by ideas and political beliefs. This has been tried before in human history and the results of it was forced labor and Gulags.

Folks, I strongly believe we will need this type of research and much more innovation in this space to preserve our democracy. This is factually true for a single yet fundamental reason: data driven scientific attribution is unbiased politically. Data belongs to no political party. Our nation's adversaries will keep attacking our country --- I am certain of this because their attacks simply work and are tremendously impactful to our society.

Thank you and have a great weekend.

PS. I am writing this email on a weekend because this is my first downtime since July 2<sup>nd</sup> when I received the subpoena.

Thanks, Manos

---

**From:** "Nie, Ling-Ling" <linglingnie@gatech.edu>

**Date:** Friday, July 2, 2021 at 7:50 PM

**To:** "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "Wasch, Kate" <kate.wasch@legal.gatech.edu>, "Lunon, Darryl" <dl91@gatech.edu>

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thanks for forwarding. I'm copying Kate's correct email address and adding Darryl. We will confer internally and come back to you early next week as there are some people who are out of the office for the holiday weekend that we will need to loop in.

---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Friday, July 2, 2021 2:39 PM

**To:** McLaughlin, Steven W; Abdallah, Chaouki T; kate.wesch@legal.gatech.edu; Nie, Ling-Ling

**Subject:** Fw: FGJ Subpoena for Manos Antonakakis

Hey Steve/Chaouki/Kate/Ling-Ling,

Hope you are doing great! Evidently I need to appear in front of a Grand Jury on July 15th. Any idea if I

should talk with GT counsel before or if anyone from GT should be with me in this testimony?

This is a first for me so I am not sure what to do next.

Thanks, Manos

---

From: Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>  
Sent: Friday, July 2, 2021 4:28 PM  
To: Antonakakis, Manos  
Cc: kate.wesch@legal.gatech.edu; Fuhrman, Tim (JMD)  
Subject: FGJ Subpoena for Manos Antonakakis

Dear Mr. Antonakakis - This is Jack Eckenrode, an Investigator with the US Justice Department. Together with my colleague Tim Fuhrman, copied here, with whom you may have had previous contact, we are attaching a federal grand jury subpoena seeking your testimony in Washington, DC on July 15, 2021 at 1:00pm. You should feel free to contact either one of us in the event that you have any questions related to the subpoena or your appearance.

Also copied for her awareness is Kate Wasch, legal counsel from Georgia Tech.



**From:** Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Sent on:** Monday, September 13, 2021 2:46:25 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** McLaughlin, Steven W<swm@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Re: As the dust slowly settles

Please suggest a time...

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
Georgia Institute of Technology

On Sep 13, 2021, at 09:39, Antonakakis, Manos <manos@gatech.edu> wrote:

Absolutely, Steve. Not only I am available, but I am happy to make my patio/living room (the weather does look like rain) available.

Thanks, Manos

---

**From:** McLaughlin, Steven W <sm140@gatech.edu>  
**Date:** Monday, September 13, 2021 at 9:05 AM  
**To:** Antonakakis, Manos <manos@gatech.edu>, Abdallah, Chaouki T <ctabdallah@gatech.edu>, Keromytis, Angelos D <angelos@gatech.edu>  
**Subject:** Re: As the dust slowly settles

Hi Manos

Great to hear from you - any chance we could meet in person with Chaouki and me on Saturday morning?

Best

Steve

\*\*\*\*\*

Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs  
Georgia Institute of Technology  
\*\*\*\*\*

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Friday, September 10, 2021 at 10:51 AM  
**To:** "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "Keromytis, Angelos D" <angelos@gatech.edu>  
**Subject:** As the dust slowly settles

Hey Steve and Chaouki,

As the dust slowly settles, and everybody gets a very clear picture of this situation we will need to think about how we move forward.

In meetings I had with both of you, and as I originally identified with this email, we need to come up with a plan that describes how this research can continue in GT yet eliminate as much of the fly-by risk from all parties involved. From what took place over the last two months one thing is clear in my mind; I cannot keep doing things the way we have been doing them at GT. I love GT dearly, I have made numerous personal and financial sacrifices for GT, but the risk is simply too high for me. As Chaouki also acknowledged in one of our recent meetings, the risk is getting too high for GT as well.

Not because we are doing something illegal --- it is just the nature of the attribution research our team is engaged in.

In my mind I see a single realistic path forward. The riskiest components of this entire research area (namely; commercial data acquisition and data access) will have to be moved outside GT with the explicit blessing of GT. Decoupling certain research areas from top schools has been done before with great success (i.e., look at what UCB did with ICSI). In our case, we simply have to take advantage of the EA transition vehicle and technology spinoff from GT that we have set up already; VLI.

VLI as you very well know is Angelos' and mine technology spinoff so we have to manage all possible COI with great caution. But I do not think this is a showstopper.

But again, at the end of the day, VLI MUST hold the bulk of data already (and inevitably the bulk of the risk) already because it has been set up to serve the operational needs of DoD when it comes to the EA technology. In my mind, it makes no sense to duplicate this risk in GT. So the million dollar question is the following: How can we keep the risk contained at VLI while enabling more research in GT?

Do we need a blanket COI about how people can work with VLI's data in GT? How can GT and VLI jointly bid on proposals as primes --- so we can keep paying the GRAs in GT and at the same time have experts in the field manage the risk and the operational aspects of the technology transition at VLI? How can we create the proper dynamic between VLI and GT where GT remains the leading research unit in this space and GT clearly acknowledges VLI as the de facto transition vehicle for this research? How can the IP created in GT, by GT researchers yet with data that VLI holds can then be licensed by VLI or the inventor of the technology without throwing VLI's interest under the bus (from a technology and competition point of view)?

We are probably breaking new grounds here and I am not sure if and how any of these are even possible. That being said, I do think that this is a well worth problem spending some time thinking about.

I do not want to give up GT, I do not want to allow a politically motivated body of the DoJ to take away a research area from GT --- a research area that was created by people in this email thread. That is simply unAmerican. But, I cannot be blind and ignorant anymore about what happened the last two months and what will almost certainly happen again in the years to come as political tensions rise. To that end I would like to set up a meeting as early as possible with all of you to discuss what is possible and what is not. If a mutually beneficial solution that reduces or at least significantly manages the risk for all parties involved can be identified, we should then loop in legal or anyone else necessary to start writing things down in a MoU.

Gentlemen, as I have said before, this is a research area Angelos and I created. We cannot simply walk away from it.

Thanks, Manos

---

**From:** "Nie, Ling-Ling" <linglingnie@gatech.edu>

**Date:** Saturday, July 24, 2021 at 11:32 AM

**To:** "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thank you for your thoughtful email. I know these last few weeks have been a whirlwind. I will ask my assistant to reach out on Monday to schedule time for all of us to talk further.

Ling-Ling

---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Saturday, July 24, 2021 10:50 AM

**To:** McLaughlin, Steven W; Abdallah, Chaouki T; Nie, Ling-Ling

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hey Steve, Chaouki and Ling-Ling,

Hope you are doing great.

I have not been bothering you about this because I have been told by Christian (who is an absolute Rock star!) that Ling-Ling (or someone in her team) has been communicating to you what is going on with this situation.

This email is not about me explaining to you that I have done nothing wrong. I suspect that now that Christian has all the information he needs he can independently arrive at that conclusion and communicate what needs to be communicated to you.

This email is about the key question, "And now what?"

From where I stand, and for the first time in my life I felt that I am being investigated by law enforcement because of my ideas and the work I have done for the USG/DoD. For the first time since the moment I landed in Dulles international airport on October 1st of 2004, I had a serious discussion with my wife about moving back to Greece. Most importantly, however, I brought unnecessary attention from the DoJ in my working environment. This besides potentially hurting my reputation within GT (even if it is from an optics point of view) it also personally disappoints me greatly, because as a GT PhD student (2006-2012) and now as a faculty (2014-now) I always had as a goal to bring good news, recognition and success to GT --- and certainly not the attention of a special council.

If I make an attempt to come in your shoes, it would be absolutely reasonable for all of you to have questions about the risk that my research (and perhaps even myself) could bring to the Institute in the future. Therefore, when the dust settles I would like to have a discussion with all of you about the following two key open questions:

1. First and foremost, how do you feel about my actions now that GT legal has a plethora of my emails and after I spent countless hours explaining to everyone why I did what I did at the time I did it? If you think I did something unethical (not necessarily illegal) I will work with GT to smoothly (see running projects, students, SOW deliverables, etc.) or otherwise transition out. You have my word on this.
2. Big data analysis and machine learning for attack attribution is the future. After all these events with this politically driven inquisition, I need to see if there is a place where I can keep working on this research space that I invented over the last 5 years through my work in EA. What I would like to know is how GT upper management and legal feels about my line of research after all these events? Is GT a place that would welcome more innovation in this space, or this is simply not your (read is as GT's) cup of tea anymore?

Finally, I will leave you with an anecdote and a thought. During one of my interviews with the Special Counsel prosecutor, I was asked point blank by Mr. DeFilippis, "Do you believe that DARPA should be instructing you to investigate the origins of a hacker (Guccifer\_2.0) that hacked a political entity (DNC)?" Let that sync for a moment, folks. Someone hacked a political party (DNC, in this case), in the middle of an election year (2016), and the lead investigator of DoJ's special council would question whether US researchers working for DARPA should conduct investigations in this matter is "acceptable"! While I was tempted to say back to him "What if this hacker hacked GOP? Would you want me to investigate him then?", I kept my cool and I told him that this is a question for DARPA's director, and not for me to answer.

Steve, Chaouki and Ling-Ling; please, try to imagine a "United States of America" where investigations and prosecutions are determined by ideas and political beliefs. This has been tried before in human history and the results of it was forced labor and Gulags.

Folks, I strongly believe we will need this type of research and much more innovation in this space to preserve our democracy. This is factually true for a single yet fundamental reason: data driven scientific attribution is unbiased politically. Data belongs to no political party. Our nation's adversaries will keep attacking our country --- I am certain of this because their attacks simply work and are tremendously impactful to our society.

Thank you and have a great weekend.

PS. I am writing this email on a weekend because this is my first downtime since July 2<sup>nd</sup> when I received the subpoena.

Thanks, Manos

---

**From:** "Nie, Ling-Ling" <linglingnie@gatech.edu>

**Date:** Friday, July 2, 2021 at 7:50 PM

**To:** "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "Wasch, Kate" <kate.wasch@legal.gatech.edu>, "Lunon, Darryl" <dl91@gatech.edu>

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thanks for forwarding. I'm copying Kate's correct email address and adding Darryl. We will confer internally and come back to you early next week as there are some people who are out of the office for the holiday weekend that we will need to loop in.

---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Friday, July 2, 2021 2:39 PM

**To:** McLaughlin, Steven W; Abdallah, Chaouki T; kate.wesch@legal.gatech.edu; Nie, Ling-Ling

**Subject:** Fw: FGJ Subpoena for Manos Antonakakis

Hey Steve/Chaouki/Kate/Ling-Ling,

Hope you are doing great! Evidently I need to appear in front of a Grand Jury on July 15th. Any idea if I should talk with GT counsel before or if anyone from GT should be with me in this testimony?

This is a first for me so I am not sure what to do next.

Thanks, Manos

---

From: Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>

Sent: Friday, July 2, 2021 4:28 PM

To: Antonakakis, Manos

Cc: kate.wesch@legal.gatech.edu; Fuhrman, Tim (JMD)

Subject: FGJ Subpoena for Manos Antonakakis

Dear Mr. Antonakakis - This is Jack Eckenrode, an Investigator with the US Justice Department. Together with my colleague Tim Fuhrman, copied here, with whom you may have had previous contact, we are attaching a federal grand jury subpoena seeking your testimony in Washington, DC on July 15, 2021 at 1:00pm. You should feel free to contact either one of us in the event that you have any questions related to the subpoena or your appearance.

Also copied for her awareness is Kate Wasch, legal counsel from Georgia Tech.

**From:** "Antonakakis, Manos" </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e6b0afc581e477db35a37c3a3a79aeb-Antonakakis>  
**Sent on:** Monday, September 13, 2021 7:59:46 PM  
**To:** McLaughlin, Steven W <sm140@gatech.edu>  
**Subject:** Re: As the dust slowly settles

☺☺ you have no idea how happy that makes me feel, Steve!

---

**From:** McLaughlin, Steven W <sm140@gatech.edu>  
**Date:** Monday, September 13, 2021 at 2:58 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: As the dust slowly settles

Looking forward to it – and doing pretty well these days  
\*\*\*\*\*

Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs  
Georgia Institute of Technology  
\*\*\*\*\*

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Monday, September 13, 2021 at 12:27 PM  
**To:** "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "McLaughlin, Steven W" <sm140@gatech.edu>  
**Cc:** "Keromytis, Angelos D" <angelos@gatech.edu>  
**Subject:** Re: As the dust slowly settles

Very cool. I will make sure I have enough coffee and some light breakfast too. See you at 11.00 Gentlemen!  
Manos

---

**From:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Date:** Monday, September 13, 2021 at 12:23 PM  
**To:** McLaughlin, Steven W <sm140@gatech.edu>, Antonakakis, Manos <manos@gatech.edu>  
**Cc:** Keromytis, Angelos D <angelos@gatech.edu>  
**Subject:** Re: As the dust slowly settles

Ditto...  
Chaouki T Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
Georgia Institute of Technology  
EA: Lisa Tuttle, [ltuttle@gatech.edu](mailto:ltuttle@gatech.edu), 404-894-8884

---

**From:** McLaughlin, Steven W <sm140@gatech.edu>  
**Date:** Monday, September 13, 2021 at 11:11 AM  
**To:** Antonakakis, Manos <manos@gatech.edu>, Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Cc:** Keromytis, Angelos D <angelos@gatech.edu>  
**Subject:** Re: As the dust slowly settles

11a Sat works for me  
\*\*\*\*\*

Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs  
Georgia Institute of Technology  
\*\*\*\*\*

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Monday, September 13, 2021 at 9:47 AM

**To:** "Abdallah, Chaouki T" <ctabdallah@gatech.edu>

**Cc:** "McLaughlin, Steven W" <swm@gatech.edu>, "Keromytis, Angelos D" <angelos@gatech.edu>

**Subject:** Re: As the dust slowly settles

Available all morning, but let's see if 11.00am works for everyone.

Manos

---

**From:** Abdallah, Chaouki T <ctabdallah@gatech.edu>

**Date:** Monday, September 13, 2021 at 9:46 AM

**To:** Antonakakis, Manos <manos@gatech.edu>

**Cc:** McLaughlin, Steven W <swm@gatech.edu>, Keromytis, Angelos D <angelos@gatech.edu>

**Subject:** Re: As the dust slowly settles

Please suggest a time...

Chaouki T. Abdallah

Professor of Electrical & Computer Engineering

Executive Vice President for Research

Georgia Institute of Technology

On Sep 13, 2021, at 09:39, Antonakakis, Manos <manos@gatech.edu> wrote:

Absolutely, Steve. Not only I am available, but I am happy to make my patio/living room (the weather does look like rain) available.

Thanks, Manos

---

**From:** McLaughlin, Steven W <sm140@gatech.edu>

**Date:** Monday, September 13, 2021 at 9:05 AM

**To:** Antonakakis, Manos <manos@gatech.edu>, Abdallah, Chaouki T

<ctabdallah@gatech.edu>, Keromytis, Angelos D <angelos@gatech.edu>

**Subject:** Re: As the dust slowly settles

Hi Manos

Great to hear from you - any chance we could meet in person with Chaouki and me on Saturday morning?

Best

Steve

\*\*\*\*\*

Steve McLaughlin

Provost and Executive Vice President for Academic Affairs

Georgia Institute of Technology

\*\*\*\*\*

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>

**Date:** Friday, September 10, 2021 at 10:51 AM

**To:** "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T"

<ctabdallah@gatech.edu>, "Keromytis, Angelos D" <angelos@gatech.edu>

**Subject:** As the dust slowly settles

Hey Steve and Chaouki,

As the dust slowly settles, and everybody gets a very clear picture of this situation we will need to think about how we move forward.

In meetings I had with both of you, and as I originally identified with this email, we need to come up with a plan that describes how this research can continue in GT yet eliminate as much of the fly-by risk from all parties involved. From what took place over the last two months one thing is clear in my mind; I cannot keep doing things the way we have been doing them at GT. I love GT dearly, I have made numerous personal and financial sacrifices for GT, but the risk is simply too high for me. As Chaouki also acknowledged in one of our recent meetings, the risk is getting too high for GT as well.

**From:** Keromytis, Angelos D<angelos@gatech.edu>  
**Sent on:** Thursday, February 4, 2021 9:43:02 PM  
**To:** Aldenberg, William B. (NH) (FBI)<wbaldenberg@fbi.gov>  
**CC:** Aldenberg, William (JMD)<William.Aldenberg@usdoj.gov>  
**Subject:** Re: DARPA  
**Attachments:** Keromytis - Post-Gov't Employment Brief Cert..pdf (711.78 KB), Post-government Employment Info Letter (2018 Sep 26).pdf (313.62 KB)

Bill,

Per our quick call: I can make myself available for an unclassified call with the assistant attorney(s) next Thursday, 1300-1400 Eastern. Please send me VTC information.

Since (as you also mentioned in your original email, below) you are treating me as a (possible) witness to a matter, I will be attending by myself.

As discussed, it would be helpful to know the general topic(s)/area(s) for discussion, so I can confirm with the DARPA GC what I can speak to wrt proprietary sensitivities -- some contracting matters are DARPA-internal, and there are also some constraints on what I can say about contracts that I was managing that fall under 18 USC. (See attached documents. I don't expect what we'll discuss will fall under these provisions, but do keep it in mind because I will be.)

Thanks,  
-Angelos

> On Feb 4, 2021, at 2:57 PM, Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov> wrote:

>

> Dr. Keromytis

>

> My name is Special Agent Bill Aldenberg with the FBI. I am currently assigned to the Special Counsels office. We would like to speak with you regarding your time at DARPA. You are possibly a witness to a matter we are investigating. Please give me a call when you have a moment. My cell # is 203-868-7487 and my desk number is 203-503-5200. The main # for my office is 203-503-5000.

>

> Kate Wasch from your General Counsel's office was notified that we were going to reach out to you.

>

> Thank you and we look forward to speaking with you.

>

> Bill Aldenberg

> FBI – New Haven

**From:** McConnell, Kirk (Armed Services)<Kirk\_McConnell@armed-services.senate.gov>

**Sent on:** Tuesday, July 2, 2019 2:27:10 AM

**To:** Antonakakis, Manos<manos@gatech.edu>

**Subject:** Briefing?

Manos — will it be possible for you to come brief staff from my committee, or will that cause you too much trouble with Michael Farrell? If you think it is okay to brief us, can we look at the third week of July?

If you can come brief us, 

Sent from my iPhone



**From:** Beyah, Raheem A <rbeyah@ece.gatech.edu> on behalf of Beyah, Raheem A  
**Sent on:** Wednesday, September 23, 2020 4:40:02 PM  
**To:** Raschid.Muller@mail.house.gov  
**Subject:** Canceled: Introduction meeting Raschid Muller - Raheem Beyah

Looking forward to our discussion.

---

### [Join Microsoft Teams Meeting](#)

+1 470-705-2566 United States, Atlanta (Toll)

Conference ID: 983 957 245#

[Local numbers](#) | [Reset PIN](#) | [Learn more about Teams](#) | [Meeting options](#)

---

**From:** Silva-Sosa, Nathalie<Nathalie.Silva-Sosa@mail.house.gov>  
**Sent on:** Tuesday, November 12, 2019 6:11:04 PM  
**To:** Ahamad, Mustaque<mustaq@cc.gatech.edu>  
**CC:** McKinley, Jared<Jared.McKinley@mail.house.gov>  
**Subject:** Congressman John Lewis Congressional App Challenge  
**Attachments:** Judge Rubric.pdf (154.29 KB)

Good Afternoon Mr. Ahamad,

I hope my email finds you well. I reached out to you a few months ago about becoming a judge for the Congressman's 2019 Congressional App Challenge and we are so thankful that you decided to be a part of the team!

We have officially closed the application period and have over 30 students registered their apps! This is the largest Congressional App Challenge participation our office as seen! With this being said, we hope that you are still available to be a judge?

If so, the Congressman greatly appreciates your time and participation.

On behalf of the Congressman, I will send each of you a total of (6) links to students' demonstration video on their app. I will also attach a judging rubric (sheet). Please use one (1) rubric per student.

We would like the judging rubrics back by **Friday, November 15 (no later than the 18<sup>th</sup>)**. Our goal is to take the top five semi-finalist, submit them to you for final judging in order to crown the 2019 Congressman John Lewis Congressional App Challenge winner for the 5<sup>th</sup> Congressional District. We are attempting to have the winner announced by **November 22<sup>nd</sup>**.

If you have any additional questions or concerns, please feel free to reach me or my Supervisor, Jared McKinley at ([Jared.Mckinley@mail.house.gov](mailto:Jared.Mckinley@mail.house.gov)) or contact our office at (404) 659-0116.

Thank you, and we look forward to hearing from you soon!

<https://www.youtube.com/watch?v=vcGkcx3khDQ>

<https://spark.adobe.com/video/UoXEIhYwNHGZ>

[https://www.youtube.com/watch?v=MpPQtkcG4\\_0](https://www.youtube.com/watch?v=MpPQtkcG4_0)

<https://www.youtube.com/watch?v=h0u8aMSqj74>

<https://www.youtube.com/watch?v=oaTknVhE-94&feature=youtu.be>

<https://youtu.be/LgpBwpDfJck>

**Nathalie Silva-Sosa**

**Office of Congressman John Lewis**

**100 Peachtree St., Suite 1920**

**Atlanta, GA 30303**

**tele-404-659-0116**

**fax-404-331-0947**

**<http://www.house.gov/johnlewis/>**

**[Sign up for Rep. Lewis' E-Newsletter](#)**

**From:** Ahamad, Mustaque<mustaq@cc.gatech.edu> on behalf of Ahamad, Mustaque  
**Sent on:** Wednesday, September 28, 2016 3:36:31 PM  
**To:** claire.bartlett@mail.house.gov  
**Subject:** Cyber CDC

Claire,

It was great meeting you this morning at our Cyber Security Summit. Thanks for attending.

I would be delighted to further explore the Cyber CDC idea. I was part of a World Economic Forum group that looked into it. We will also be happy to host a visit by Congressman Loudermilk to discuss our cyber security education and research activities.

Best regards,

Mustaque Ahamad

Professor of Computer Science

Georgia Institute of Technology

Atlanta, GA 30332

1 (404) 894-2593

**From:** Office of U.S. Senator Raphael Warnock<do\_not\_reply@warnock.senate.gov>

**Sent on:** Wednesday, November 24, 2021 6:03:03 PM

**To:** Beyah, Raheem A<RBEYAH@ECE.GATECH.EDU>

**Subject:** Delivering Jobs & Infrastructure for Georgia

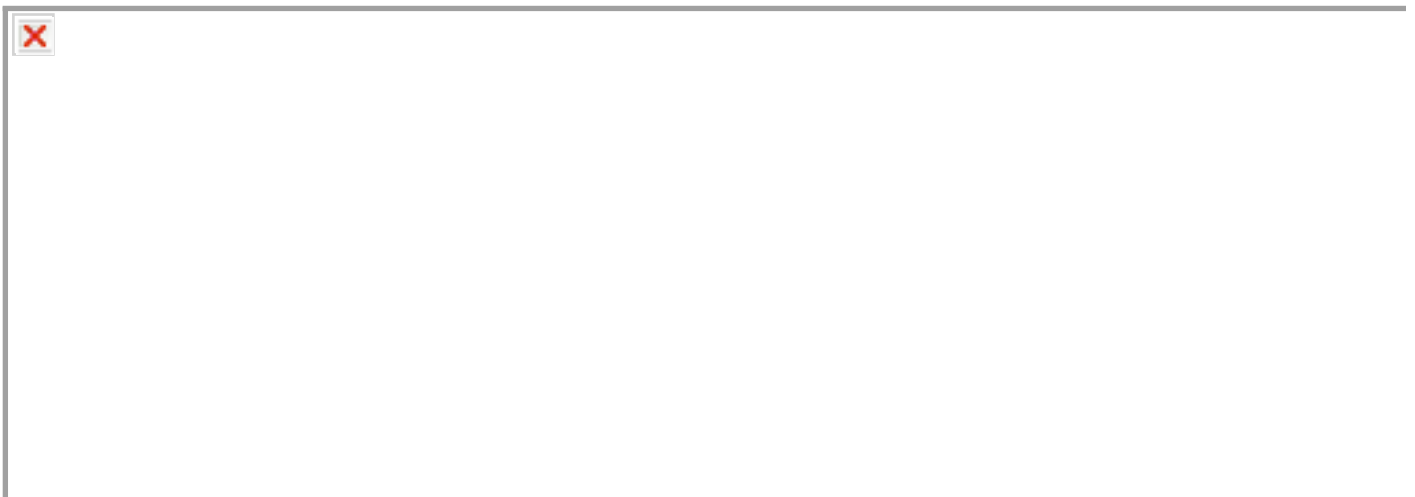


Hi Neighbor,

I've often said our country needs a home improvement project to help heal our current divides. And since arriving to the Senate earlier this year, I have been tirelessly to secure robust federal funding for projects all across Georgia that will improve infrastructure of our communities while also creating good-paying, sustainable jobs injecting new life into our economy.

That's why, after months of pushing, I was so excited last week to see the bipartisan infrastructure deal officially signed into law. Thanks to hard work, Georgia is set to receive strong federal funding and benefit from policies I worked to secure that will revitalize and rebuild our aging infrastructure, address climate change, and help prepare our state and economic future. More specifically, these once-in-a-generation investments for Georgia will spur growth and expand broadband access; repair and strengthen our roads, bridges and help ease supply chain issues; expand public transportation options to increase hard work for Georgians' social and economic mobility; and so much more.

**Simply put, these investments are a really BIG deal! Take a look for yourself**

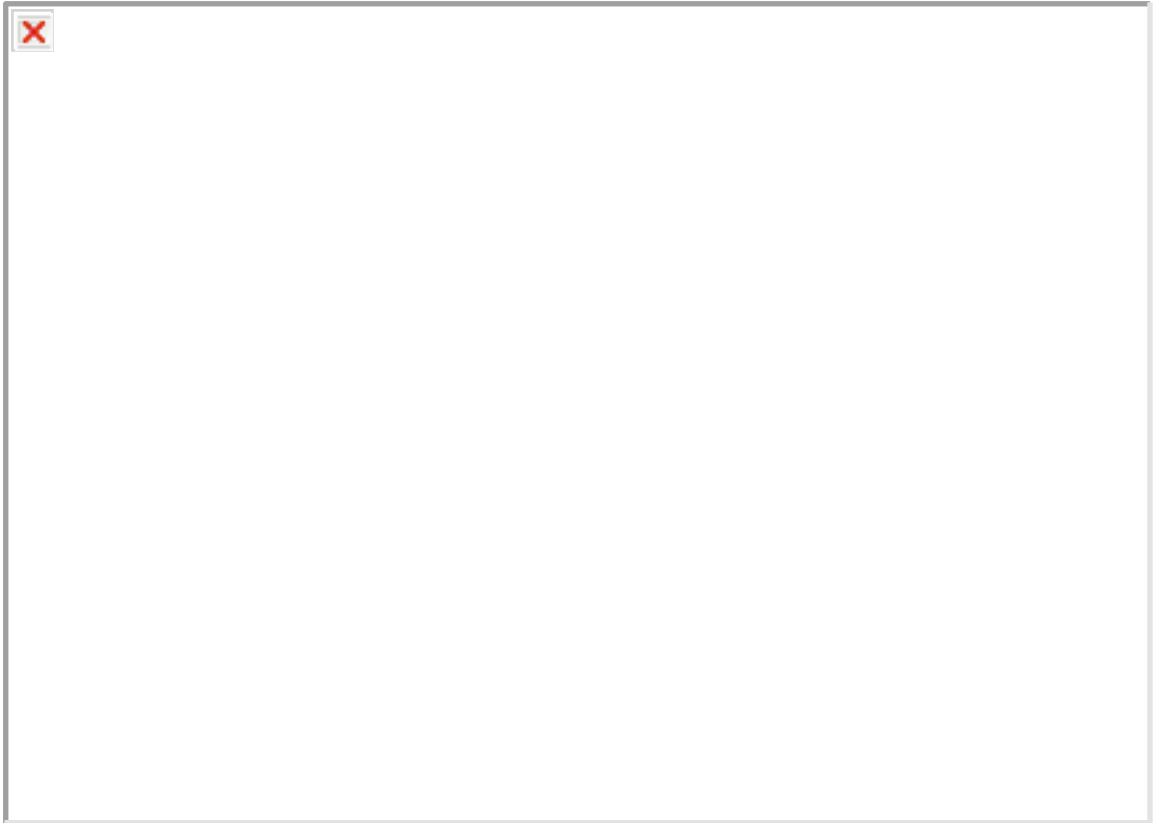


In addition to these investments, I fought hard to make sure the package addressed the needs of our state and ensure the federal government is doing its fair share for Georgia, in

- Working across the aisle to pass a bipartisan provision making **I-14a a high-priority corridor**—a first step on the road to becoming a federal highway,
- Leading the charge for **\$5 billion in electric and alternative school bus technology** pioneered by Georgia's own Blue Bird Corporation,
- Locking in an estimated **\$2 billion to expand broadband** in rural and underserved areas of Georgia,
- Securing **\$3 billion for a new highway-rail crossing grade separation program** to improve worker safety and rail efficiency—**and that's only the tip of the iceberg.**

**This bill is a testament to the good we can do for people when we put politics aside in Washington.** However, the work is not over yet. I'm going to keep pressing in the Senate to ensure conduct oversight, and ensure the federal dollars I secured make their way to Georgia communities as soon as possible.

In the meantime, if you have any questions or need assistance, please don't hesitate to [out to me](#). It is the honor of my life to represent our state in the United States Senate. I look forward to hearing from you about how I can continue working in Congress to make Georgia an even better place for us to call home. [OBJ]



Keep the faith, and keep looking up.



U.S. Senator Reverend Raphael Warnock

To unsubscribe, please email [press@warnock.senate.gov](mailto:press@warnock.senate.gov)



**From:** McConnell, Kirk (Armed Services)<Kirk\_McConnell@armed-services.senate.gov>  
**Sent on:** Saturday, June 29, 2019 4:31:36 AM  
**To:** Antonakakis, Manos<manos@gatech.edu>; Rodney Joffe<Rodney.Joffe@neustar.biz>; Joffe Rodney<rjoffe@packetforensics.com>  
**Subject:** Fwd: connection for briefing on Enhanced Attribution

Well, Michael is quite a guy isn't he?

Sent from my iPhone  
Begin forwarded message:

**From:** "Farrell, Michael" <[michael.farrell@iisp.gatech.edu](mailto:michael.farrell@iisp.gatech.edu)>  
**Date:** June 28, 2019 at 4:41:00 PM EDT  
**To:** "McConnell, Kirk (Armed Services)" <[Kirk\\_McConnell@armed-services.senate.gov](mailto:Kirk_McConnell@armed-services.senate.gov)>  
**Cc:** Ian Crone <[ian.crone@darpa.mil](mailto:ian.crone@darpa.mil)>, "lisa.heyesh@darpa.mil" <[lisa.heyesh@darpa.mil](mailto:lisa.heyesh@darpa.mil)>  
**Subject:** Re: connection for briefing on Enhanced Attribution

Kirk,

Thanks for your interest in Georgia Tech research. However, we (GT) have no comment or position on the below. In fact, going forward please contact DARPA directly about any and all issues or questions or comments related to the enhanced attribution program. The DARPA congressional liaison and program manager are copied on this message and can respond, as needed. The Georgia Tech/GTRI PI and Co-PIs on this research program are not the appropriate POCs for any questions, comments, or concerns.

The government, not GT, makes decisions related to funding and transition from research at DARPA to other entities. The focus of Manos, myself and other Co-PIs is completely on doing impactful research. We follow contractual requirements and relevant policies for our part of this program (and GT is only one part), and devote our energy to 'creating the next' in cyber security.

Best,

Michael

On Jun 25, 2019, at 12:24, McConnell, Kirk (Armed Services) <[Kirk\\_McConnell@armed-services.senate.gov](mailto:Kirk_McConnell@armed-services.senate.gov)> wrote:

FYI. Andy is on the SAC-D staff. Andrew Pahutski from SCO is seeking approval from us on the Hill to shift some SCO money to Enhanced Attribution.

**From:** McConnell, Kirk (Armed Services)  
**Sent:** Tuesday, June 25, 2019 12:22 PM  
**To:** Heyes, Lisa ([lisa.heyesh@darpa.mil](mailto:lisa.heyesh@darpa.mil)) <[lisa.heyesh@darpa.mil](mailto:lisa.heyesh@darpa.mil)>; Vanlandingham, Andy (Appropriations) <[Andy\\_Vanlandingham@appro.senate.gov](mailto:Andy_Vanlandingham@appro.senate.gov)>  
**Subject:** connection for briefing on Enhanced Attribution  
Lisa –  
Andy Vanlandingham is interested in learning more about DARPA's Enhanced

Attribution cybersecurity program. It turns out that a current SCO program manager whom we know well is moving over to Cyber Command to help with the transition of this DARPA program to CYBERCOM. Thanks, Kirk



Best,

Ryan Diffley  
Legislative Assistant  
Rep. Tom Graves (GA-14)  
2078 Rayburn House Office Building  
202-225-5211

-----Original Message-----

From: Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)>  
Sent: Monday, October 28, 2019 3:57 PM  
To: Diffley, Ryan <[Ryan.Diffley@mail.house.gov](mailto:Ryan.Diffley@mail.house.gov)>  
Subject: Re: Rep Graves Cyber Luncheon

Ryan,  
Robert did tell me that the date moved to November 1st. I'm still able (and happy) to attend. Do you have the specific room in CODA?

I would like to hear from closer to the source, as it where, about what Rep. Graves hopes to get out of the event; and perhaps any details about format/expectations. If it's easier to do by phone, my cellphone is [REDACTED]

Best,

Angelos D. Keromytis  
John H. Weitnauer, Jr. Technology Transition Endowed Chair Professor  
of Electrical and Computer Engineering Georgia Research Alliance  
Eminent Scholar Fellow, IEEE and ACM [angelos@gatech.edu](mailto:angelos@gatech.edu)  
[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_angelosk.github.i](https://urldefense.proofpoint.com/v2/url?u=https-3A_angelosk.github.i)

o\_&d=DwIGaQ&c=L93KkjKsAC98uTvC4KvQDdTDRzAeWDDRmG6S3YXIIH0&r=qRr6JRNq4B  
19BxWa0RCIUptOq6OF1ZZix6TM234cCsw&m=T2hG0z7\_leSguOfMWmCw7eYDalKmm0sqcH  
tvHZGjNT4&s=9Ke-sAC\_PQDLNbUseJui7Az7k9r2\_06Xvx1ERVTtmy&e=

On Oct 28, 2019, at 3:30 PM, Diffley, Ryan  
<[Ryan.Diffley@mail.house.gov](mailto:Ryan.Diffley@mail.house.gov)> wrote:

Dr. Keromytis,

I believe Robert Knotts from Tech's federal relations office had reached out to you about a luncheon my boss is hosting on Friday, November 1st in the CODA building at 11:30am. I wanted to make sure you would still be able to attend and if you had any questions about the event. I can share more details, I am not positive what Robert shared with you.

Sincerely,

Ryan Diffley

Legislative Assistant  
Rep. Tom Graves (GA-14)  
2078 Rayburn House Office Building  
202-225-5211

**From:** Muller, Raschid<Raschid.Muller@mail.house.gov>

**Sent on:** Thursday, October 8, 2020 7:03:22 PM

**To:** Lynch, Devin<Devin.Lynch@mail.house.gov>; Horton, Leon<Leon.Horton@mail.house.gov>

**CC:** Beyah, Raheem A<rbeyah@ece.gatech.edu>; rbeyah@fortiphyd.com

**Subject:** Fwd: Visibility of Fortiphyd's ICS security solutions

Good afternoon Devin and Leon,

Allow me to introduce a good friend from way back, Dr. Raheem Beyah who is a VP at Georgia Tech and runs Fortiphyd. You can read his high level bio below and view the link to his company.

I believe Raheem can offer the CIPI committee and CISA some great solutions and consulting in the ICS space.

Can we research and see if there is some synergy there?

Thanks!

V/r,

S. Raschid Muller PhD, MBA  
The Brookings Institute - LEGIS Fellow  
Committee on Homeland Security  
Rep. Bennie G. Thompson (D-MS) | Chair  
H2-176 Ford House Office Building  
[Washington, DC 20515](#)

[raschid.muller@mail.house.gov](mailto:raschid.muller@mail.house.gov)

202-226-2616 (office)

[202-236-7896](tel:202-236-7896)(mobile)

Begin forwarded message:

From: **Raheem Beyah** <[rbeyah@fortiphyd.com](mailto:rbeyah@fortiphyd.com)>

Date: Wed, Oct 7, 2020 at 12:46 PM

Subject: Visibility of Fortiphyd's ICS security solutions

Raschid,

Sorry for the delay. It's been hectic around here the last few weeks. Wanted to follow up with more info about my company and our offerings. Would really appreciate if you could help raise our profile within the federal government. We've been funded by several Navy and Air Force SBIR grants thus far. As you know, I'm a research vice president and faculty member at Georgia Tech. My research area is cybersecurity, specifically cybersecurity for cyber-physical systems (including industrial control systems - e.g., power grid). Several years ago, me and one of my PhD students co-founded an industrial cyber security company (Fortiphyd Logic - [www.fortiphyd.com](http://www.fortiphyd.com)) to commercialize technology from my research lab that focuses on securing industrial control systems. In addition to appliances that we have to secure industrial networks and nodes, we also have a really cool training offering which is essentially a virtual lab environment for industrial cybersecurity. I've included a video (less than 2 mins) of the training solution. We were invited to host a capture the flag at RSA this year using our training solution -<https://www.rsaconference.com/usa/agenda/gaming-the-control-system>. I believe our solutions will significantly strengthen national security with regard to industrial control systems.

Thanks again for your assistance!

Best,  
Raheem

**From:** Beyah, Raheem A <[rbeyah@coe.gatech.edu](mailto:rbeyah@coe.gatech.edu)> on behalf of Beyah, Raheem A  
**Sent on:** Wednesday, May 12, 2021 4:11:18 PM  
**To:** [Devin.Lynch@mail.house.gov](mailto:Devin.Lynch@mail.house.gov); [Leon.Horton@mail.house.gov](mailto:Leon.Horton@mail.house.gov)  
**CC:** [Raschid.Muller@mail.house.gov](mailto:Raschid.Muller@mail.house.gov)  
**Subject:** Fwd: Visibility of Fortiphyd's ICS security solutions

Hi Devin,

I hope all is well. Following up to see if you have time for a discussion in the near future?

Best,

Raheem Beyah

Begin forwarded message:

**From:** Raheem Beyah <[ab207@gatech.edu](mailto:ab207@gatech.edu)>  
**Subject: Re: Visibility of Fortiphyd's ICS security solutions**  
**Date:** October 29, 2020 at 8:06:36 AM EDT  
**To:** "Lynch, Devin" <[Devin.Lynch@mail.house.gov](mailto:Devin.Lynch@mail.house.gov)>  
**Cc:** "Muller, Raschid" <[Raschid.Muller@mail.house.gov](mailto:Raschid.Muller@mail.house.gov)>, "Horton, Leon" <[Leon.Horton@mail.house.gov](mailto:Leon.Horton@mail.house.gov)>

Devin,

Sounds good. I thought about that after I sent the note.

Will follow up soon.

Best,

Raheem

On Oct 29, 2020, at 7:24 AM, Lynch, Devin <[Devin.Lynch@mail.house.gov](mailto:Devin.Lynch@mail.house.gov)> wrote:

Raheem,  
Yes—but let's touch base after the election. Lots of moving parts on our end until that settles down.  
Thanks,  
Devin

---

Devin Lynch  
Professional Staff Member  
Committee on Homeland Security  
202-577-3149

Sent from my iPhone

On Oct 28, 2020, at 10:29 PM, Raheem Beyah <[rbeyah@fortiphyd.com](mailto:rbeyah@fortiphyd.com)> wrote:

Raschid, not sure how I missed this. Thanks for making the introduction.

Devin and Leon, it's nice to meet you. Would you be available for a call in the next week or two to discuss potential synergies?

Best,

Raheem

On Oct 8, 2020, at 3:03 PM, Muller, Raschid <[Raschid.Muller@mail.house.gov](mailto:Raschid.Muller@mail.house.gov)> wrote:

Good afternoon Devin and Leon,

Allow me to introduce a good friend from way back, Dr. Raheem Beyah who is a VP at Georgia Tech and runs Fortiphyd. You can read his high level bio below and view the link to his company.

I believe Raheem can offer the CIPI committee and CISA some great solutions and consulting in the ICS space.

Can we research and see if there is some synergy there?

Thanks!

V/r,

S. Raschid Muller PhD, MBA  
The Brookings Institute - LEGIS Fellow  
Committee on Homeland Security  
Rep. Bennie G. Thompson (D-MS) | Chair  
H2-176 Ford House Office Building  
[Washington, DC 20515](#)

[raschid.muller@mail.house.gov](mailto:raschid.muller@mail.house.gov)

202-226-2616 (office)

[202-236-7896](tel:202-236-7896)(mobile)

Begin forwarded message:

From: **Raheem Beyah** <[rbeyah@fortiphyd.com](mailto:rbeyah@fortiphyd.com)>

Date: Wed, Oct 7, 2020 at 12:46 PM

Subject: Visibility of Fortiphyd's ICS security solutions

Raschid,

Sorry for the delay. It's been hectic around here the last few weeks. Wanted to follow up with more info about my company and our offerings. Would really appreciate if you could help raise our profile within the federal government. We've been funded by several Navy and Air Force SBIR grants thus far. As you know, I'm a research vice president and faculty member at Georgia Tech. My research area is cybersecurity, specifically cybersecurity for cyber-physical systems (including industrial control systems - e.g., power grid). Several years ago, me and one of my PhD students co-founded an industrial cyber security company (Fortiphyd Logic - [www.fortiphyd.com](http://www.fortiphyd.com)) to commercialize technology from my research lab that focuses on securing industrial control systems. In addition to appliances that we have to secure industrial networks and nodes, we also have a really cool training offering which is essentially a virtual lab environment for industrial cybersecurity. I've included a video (less than 2 mins) of the training solution. We were invited to host a capture the flag at RSA this year using our

training solution -

<https://www.rsaconference.com/usa/agenda/gaming-the-control-system>.

I believe our solutions will significantly strengthen national security with regard to industrial control systems.

Thanks again for your assistance!

Best,  
Raheem

-----  
**Raheem A. Beyah, Ph.D.**

Motorola Foundation Professor | [School of Electrical & Computer Engineering](#)  
Vice President for Interdisciplinary Research | [Office of the EVPR](#)  
Georgia Institute of Technology



**From:** McConnell, Kirk (Armed Services)<Kirk\_McConnell@armed-services.senate.gov>

**Sent on:** Monday, July 29, 2019 11:34:54 PM

**To:** Victor Oppleman<victor@packetforensics.com>; Rodney Joffe<rjoffe@packetforensics.com>; Antonakakis, Manos<manos@gatech.edu>; Lily Kim<Lily.Kim@microsoft.com>

**Subject:** introduction

Vic/Rodney/Manos – introducing you to Lily Kim, who runs Microsoft Azure’s government operations. Lily worked in the DoD CIO’s office supporting the Principal Cyber Adviser for a bunch of years, which is where we first met. Lily is interested in the idea of developing a proposal for the DoD Joint Artificial Intelligence Center (JAIC) to apply AI algorithms to massive amounts of metadata collected both inside and outside DoD’s networks. DoD is already collecting a lot of internal metadata through a program called the Big Data Platform. But as you guys know all too well, things are just beginning to happen with respect to metadata collection and analysis outside of the DODIN. Your Enhanced Attribution program is the groundbreaking initiative, but as you guys also know, we need to be collecting flow data and a lot of pertinent “ad tech”-types of data as well. And then we also need to apply AI/ML technology on top. It makes sense ultimately to run an operation like this on top of a hyperscale cloud like Azure. Lily is interested in thinking about how to do that. Best, Kirk

**From:** Beyah, Raheem A<rbeyah@ece.gatech.edu> on behalf of Beyah, Raheem A  
**Sent on:** Wednesday, October 7, 2020 5:34:51 PM  
**To:** Raschid.Muller@mail.house.gov; Lanier A. Watkins<lanier.watkins@jhuapl.edu>  
**Subject:** Introduction

Lanier and Raschid, I'm emailing to make a mutual introduction.

Raschid, Lanier is a cybersecurity researcher at JHU/APL. Lanier also runs JHU's online cybersecurity MS program.

Lanier, Raschid is doing some really cool work in Congress working on the House Committee on Homeland Security Cybersecurity, Infrastructure Protection, and Innovation Subcommittee. He also regularly teaches cybersecurity courses online.

Strongly encourage you two to connect. At a minimum, I would think that Raschid would be a good candidate to serve as an instructor in the JHU cybersecurity MS program. I have in the queue at GT.

Best,

Raheem

-----  
**Raheem A. Beyah, Ph.D.**

Motorola Foundation Professor | [School of Electrical & Computer Engineering](#)

Vice President for Interdisciplinary Research | [Office of the EVPR](#)

Georgia Institute of Technology

**From:** Beyah, Raheem A <rbeyah@ece.gatech.edu> on behalf of Beyah, Raheem A  
**Sent on:** Monday, September 21, 2020 11:21:22 PM  
**To:** Raschid.Muller@mail.house.gov  
**Subject:** Introduction meeting Raschid Muller - Raheem Beyah

Looking forward to our discussion.

---

### [Join Microsoft Teams Meeting](#)

+1 470-705-2566 United States, Atlanta (Toll)

Conference ID: 983 957 245#

[Local numbers](#) | [Reset PIN](#) | [Learn more about Teams](#) | [Meeting options](#)

---

**From:** McConnell, Kirk (Armed Services)<Kirk\_McConnell@armed-services.senate.gov>  
**Sent on:** Wednesday, July 10, 2019 6:45:00 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** RE: Briefing?

Manos -- hoping to connect on this. Thanks, Kirk

-----Original Message-----

From: McConnell, Kirk (Armed Services) <Kirk\_McConnell@armed-services.senate.gov>  
Sent: Monday, July 01, 2019 10:27 PM  
To: Antonakakis Manos <manos@gatech.edu>  
Subject: Briefing?

Manos — will it be possible for you to come brief staff from my committee, or will that cause you too much trouble with Michael Farrell? If you think it is okay to brief us, can we look at the third week of July?

If you can come brief us, [REDACTED].

Sent from my iPhone

**From:** Ahamad, Mustaque<mustaq@cc.gatech.edu> on behalf of Ahamad, Mustaque  
**Sent on:** Thursday, July 25, 2019 2:25:26 PM  
**To:** Silva-Sosa, Nathalie<Nathalie.Silva-Sosa@mail.house.gov>  
**Subject:** Re: Congressman John Lewis seeks your assistance

Nathalie,

Thanks for reaching out. As an admirer of Congressman Lewis, I cannot say no to a request from his office ☺  
Please let me know the time frame for this so I can check my availability.

Best

---

**From:** "Silva-Sosa, Nathalie" <Nathalie.Silva-Sosa@mail.house.gov>  
**Date:** Wednesday, July 24, 2019 at 2:31 PM  
**To:** Mustaque Ahamad <mustaq@cc.gatech.edu>  
**Subject:** Congressman John Lewis seeks your assistance

Dear Mr. Mustaque Ahamad,

Congressman John Lewis is requesting your assistance as a judge for his 2019 Congressional App Challenge. The Congressional App Challenge is a U.S. Representatives led challenge that inspires students from every corner of the country to explore STEM, coding, and computer science through hands-on practice. The mission of the Congressional App Challenge is to include and engage students from communities that are traditionally underrepresented in the tech community and innovate policymaking by connecting Members of Congress to new and emerging technologies through personal interactions with their student's constituents.

As a 2019 Congressional App Challenge judge, you help pick one district winner to compete against students from all over the nation to be recognized at a reception on Capitol Hill in Washington, D.C. and features in the US Capitol Building and House of Representatives' website.

Should you accept this invitation or have any questions, please contact our office as soon as possible to begin this process. Thank you, and we look forward to hearing from you.

**Nathalie Silva-Sosa**

**Office of Congressman John Lewis**

**100 Peachtree St., Suite 1920**

**Atlanta, GA 30303**

**tele-404-659-0116**

**fax-404-331-0947**

**<http://www.house.gov/johnlewis/>**

**[Sign up for Rep. Lewis' E-Newsletter](#)**

**From:** Silva-Sosa, Nathalie<Nathalie.Silva-Sosa@mail.house.gov>

**Sent on:** Monday, July 29, 2019 4:37:11 PM

**To:** Ahamad, Mustaque<mustaq@cc.gatech.edu>

**Subject:** RE: Congressman John Lewis seeks your assistance

Mustaque,

Thank you so much for your response. We are so excited to have you as a judge for the 2019 Congressional App Challenge hosted by Congressman John Lewis!

I am currently making the calendar with important dates as well as the judges sheet. Once I have all that information down, which will be very soon, I will shoot you an email with all the information.

Again, thank you so much!

Best,

---

**From:** Ahamad, Mustaque <mustaq@cc.gatech.edu>

**Sent:** Thursday, July 25, 2019 10:25 AM

**To:** Silva-Sosa, Nathalie <Nathalie.Silva-Sosa@mail.house.gov>

**Subject:** Re: Congressman John Lewis seeks your assistance

Nathalie,

Thanks for reaching out. As an admirer of Congressman Lewis, I cannot say no to a request from his office 😊

Please let me know the time frame for this so I can check my availability.

Best

**Nathalie Silva-Sosa**

**Office of Congressman John Lewis**

**100 Peachtree St., Suite 1920**

**Atlanta, GA 30303**

**tele-404-659-0116**

**fax-404-331-0947**

**<http://www.house.gov/johnlewis/>**

**[Sign up for Rep. Lewis' E-Newsletter](#)**

---

**From:** "Silva-Sosa, Nathalie" <[Nathalie.Silva-Sosa@mail.house.gov](mailto:Nathalie.Silva-Sosa@mail.house.gov)>

**Date:** Wednesday, July 24, 2019 at 2:31 PM

**To:** Mustaque Ahamad <[mustaq@cc.gatech.edu](mailto:mustaq@cc.gatech.edu)>

**Subject:** Congressman John Lewis seeks your assistance

Dear Mr. Mustaque Ahamad,

Congressman John Lewis is requesting your assistance as a judge for his 2019 Congressional App Challenge. The Congressional App Challenge is a U.S. Representatives led challenge that inspires students from every corner of the country to explore STEM, coding, and computer science through hands-on practice. The mission of the Congressional App Challenge is to include and engage students from communities that are traditionally underrepresented in the tech community and innovate policymaking by connecting Members of Congress to new and emerging technologies through personal interactions with their student's constituents.

As a 2019 Congressional App Challenge judge, you help pick one district winner to compete against students from all over the nation to be recognized at a reception on Capitol Hill in Washington, D.C. and features in the US Capitol Building and House of Representatives' website.

Should you accept this invitation or have any questions, please contact our office as soon as possible to begin this process.

Thank you, and we look forward to hearing from you.

**Nathalie Silva-Sosa**

**Office of Congressman John Lewis**

**100 Peachtree St., Suite 1920**

**Atlanta, GA 30303**

**tele-404-659-0116**

**fax-404-331-0947**

**<http://www.house.gov/johnlewis/>**

**[Sign up for Rep. Lewis' E-Newsletter](#)**

**From:** McConnell, Kirk (Armed Services)<Kirk\_McConnell@armed-services.senate.gov>  
**Sent on:** Saturday, June 29, 2019 2:17:29 PM  
**To:** Rodney Joffe<rjoffe@centergate.com>  
**CC:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Re: connection for briefing on Enhanced Attribution

I believe that Farrell would rather see the program die than work with Congress.

Sent from my iPhone

On Jun 29, 2019, at 12:39 AM, Rodney Joffe <[rjoffe@centergate.com](mailto:rjoffe@centergate.com)> wrote:

Jeez

What a piece of work! Glad you don't have any influence with DARPA's budget that Michael relies on.

Manos?

On Jun 29, 2019, at 12:31 AM, McConnell, Kirk (Armed Services) <[Kirk\\_McConnell@armed-services.senate.gov](mailto:Kirk_McConnell@armed-services.senate.gov)> wrote:

Well, Michael is quite a guy isn't he?

Sent from my iPhone

Begin forwarded message:

**From:** "Farrell, Michael" <[michael.farrell@iisp.gatech.edu](mailto:michael.farrell@iisp.gatech.edu)>  
**Date:** June 28, 2019 at 4:41:00 PM EDT  
**To:** "McConnell, Kirk (Armed Services)" <[Kirk\\_McConnell@armed-services.senate.gov](mailto:Kirk_McConnell@armed-services.senate.gov)>  
**Cc:** Ian Crone <[ian.crone@darpa.mil](mailto:ian.crone@darpa.mil)>, "lisa.heyas@darpa.mil" <[lisa.heyas@darpa.mil](mailto:lisa.heyas@darpa.mil)>  
**Subject: Re: connection for briefing on Enhanced Attribution**

Kirk,

Thanks for your interest in Georgia Tech research. However, we (GT) have no comment or position on the below. In fact, going forward please contact DARPA directly about any and all issues or questions or comments related to the enhanced attribution program. The DARPA congressional liaison and program manager are copied on this message and can respond, as needed. The Georgia Tech/GTRI PI and Co-PIs on this research program are not the appropriate POCs for any questions, comments, or concerns.

The government, not GT, makes decisions related to funding

and transition from research at DARPA to other entities. The focus of Manos, myself and other Co-PIs is completely on doing impactful research. We follow contractual requirements and relevant policies for our part of this program (and GT is only one part), and devote our energy to 'creating the next' in cyber security.

Best,

Michael

On Jun 25, 2019, at 12:24, McConnell, Kirk (Armed Services) <[Kirk\\_McConnell@armed-services.senate.gov](mailto:Kirk_McConnell@armed-services.senate.gov)> wrote:

FYI. Andy is on the SAC-D staff. Andrew Pahutski from SCO is seeking approval from us on the Hill to shift some SCO money to Enhanced Attribution.

---

**From:** McConnell, Kirk (Armed Services)  
**Sent:** Tuesday, June 25, 2019 12:22 PM  
**To:** Heyes, Lisa ([lisa.heyes@darpa.mil](mailto:lisa.heyes@darpa.mil)) <[lisa.heyes@darpa.mil](mailto:lisa.heyes@darpa.mil)>; Vanlandingham, Andy (Appropriations) <[Andy\\_Vanlandingham@appro.senate.gov](mailto:Andy_Vanlandingham@appro.senate.gov)>  
**Subject:** connection for briefing on Enhanced Attribution

Lisa –

Andy Vanlandingham is interested in learning more about DARPA's Enhanced Attribution cybersecurity program. It turns out that a current SCO program manager whom we know well is moving over to Cyber Command to help with the transition of this DARPA program to CYBERCOM. Thanks, Kirk



From: Lily Kim <Lily.Kim@microsoft.com>

Sent: Tuesday, July 30, 2019 10:16 PM

To: Antonakakis, Manos <manos@gatech.edu>; Rodney Joffe <rjoffe@packetforensics.com>; Ashfia Rahman <asrahma@microsoft.com>; William Chappell <William.Chappell@microsoft.com>

Cc: McConnell, Kirk (Armed Services) <Kirk\_McConnell@armed-services.senate.gov>; Victor Oppleman <victor@packetforensics.com>; Christian Cook <Christian.Cook@microsoft.com>; Lisa Patel <lpatel@centergate.com>

Subject: RE: introduction

Hi Manos,

I believe I can make Friday work ☐☐. @Ashfia Rahman- can you please help with scheduling? We can start w/ 30 min.

@William Chappell- would be good for you to attend as well if you are free.

Thanks team!

-----Original Message-----

From: Antonakakis, Manos <manos@gatech.edu>

Sent: Tuesday, July 30, 2019 9:17 PM

To: Rodney Joffe <rjoffe@packetforensics.com>; Lily Kim <Lily.Kim@microsoft.com>

Cc: Kirk McConnell <Kirk\_McConnell@armed-services.senate.gov>; Victor Oppleman <victor@packetforensics.com>; Ashfia Rahman <asrahma@microsoft.com>; Christian Cook <Christian.Cook@microsoft.com>; Lisa Patel <lpatel@centergate.com>

<lpatel@centergate.com>

Subject: Re: introduction

Kirk, thanks for the intros.

Lily, pleased to meet you!

This Friday works for me. The week after the next I will be hosting a hackathon at GT for DARPA, so my schedule will be less flexible. If you come up with a date, I will try to make it work but I cannot promise that I will be able to.

Many thanks,

--

Manos Antonakakis | Associate Professor | manos@gatech.edu School of Electrical and Computer Engineering Georgia Institute of Technology FF7D 4FDF 9115 8077 92D25B59 5120 5E89 BE1B 3668

**From:** Delaney, Josh (Warnock) <Josh\_Delaney@warnock.senate.gov>  
**Sent on:** Wednesday, February 3, 2021 2:56:21 PM  
**To:** Beyah, Raheem A <rbeyah@coe.gatech.edu>; Knotts, Robert B <knotts@gatech.edu>  
**CC:** Ellis, LaJauna F <lajauna.ellis@coe.gatech.edu>  
**Subject:** RE: Mtg between Dean Beyah and Josh Delaney

[Will do! Thank you for being understanding.](#)

---

**From:** Beyah, Raheem A <rbeyah@coe.gatech.edu>  
**Sent:** Wednesday, February 3, 2021 9:55 AM  
**To:** Knotts, Robert B <knotts@gatech.edu>  
**Cc:** Delaney, Josh (Warnock) <Josh\_Delaney@warnock.senate.gov>; Ellis, LaJauna F <lajauna.ellis@coe.gatech.edu>  
**Subject:** Re: Mtg between Dean Beyah and Josh Delaney

Josh,  
Thanks for letting us know. Please tell Lawrence Bell that my wife [REDACTED] and I send our regards.

I look forward to meeting you in the future.

Best,  
Raheem Beyah

-----  
**Raheem A. Beyah**  
Dean and Southern Company Chair  
College of Engineering  
Georgia Institute of Technology  
Atlanta, GA 30332

On Feb 3, 2021, at 9:49 AM, Knotts, Robert B <[knotts@gatech.edu](mailto:knotts@gatech.edu)> wrote:  
Josh,

Totally understand! I'll get some times that work for Dean Beyah to try and reschedule.

Saw you are doing a lot of hiring! Please let me know if I can help. I know that Will Feeny applied for the LA job to staff the CST work. I'm very excited that the Senator joined that committee!

Robert

-----Original Message-----

From: Delaney, Josh (Warnock) <[Josh\\_Delaney@warnock.senate.gov](mailto:Josh_Delaney@warnock.senate.gov)>  
Sent: Wednesday, February 3, 2021 9:35 AM  
To: Knotts, Robert B <[knotts@gatech.edu](mailto:knotts@gatech.edu)>  
Cc: Beyah, Raheem A <[rbeyah@coe.gatech.edu](mailto:rbeyah@coe.gatech.edu)>; Ellis, LaJauna F <[lajauna.ellis@coe.gatech.edu](mailto:lajauna.ellis@coe.gatech.edu)>  
Subject: Re: Mtg between Dean Beyah and Josh Delaney

Hi Robert - I'm afraid we are getting pulled into a meeting with our leadership about the COVID package. Can we postpone this meeting?

My sincere apologies.

Josh Delaney  
Legislative Director  
Sen. Warnock  
[REDACTED]  
Sent from my iPhone

On Feb 3, 2021, at 9:07 AM, Knotts, Robert B <[knotts@gatech.edu](mailto:knotts@gatech.edu)> wrote:

Robert Knotts is inviting you to a scheduled Zoom meeting.

Topic: Dean Beyah--Josh Delaney mtg  
Time: Feb 3, 2021 10:00 AM Eastern Time (US and Canada)

Join Zoom Meeting

<https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fus04web.zoom.us%2Fj%2F72064141702%3F>

Meeting ID: 720 6414 1702

Passcode: 5vzBH3

**From:** Goldstein, Miriam<Miriam.Goldstein@mail.house.gov>  
**Sent on:** Thursday, April 21, 2016 6:27:54 PM  
**To:** Ahamad, Mustaque<mustaq@cc.gatech.edu>  
**Subject:** RE: Q from Rep Speier re: caller ID spoofing/robocalls  
**Attachments:** BILLS-114hr4932ih.pdf (262.81 KB), ROBOCOP Act summary FINAL.docx (806.93 KB)

Hi Mustaque,

Thanks again for your help last month! I wanted to tell you that Rep. Speier introduced the ROBOCOP bill last week (sorry for the delay in updating you). I have attached a copy of the bill and the summary in case you are curious. Happy to chat further – we see this as the first step, and want to continue to refine our efforts.

Best,  
Miriam

---

**From:** Ahamad, Mustaque [mailto:mustaq@cc.gatech.edu]  
**Sent:** Friday, March 25, 2016 12:03 PM  
**To:** Goldstein, Miriam  
**Subject:** Re: Q from Rep Speier re: caller ID spoofing/robocalls  
OK, let us talk at 9am on Thursday. I look forward to our conversation.  
Best regards,  
Mustaque

---

**From:** "Goldstein, Miriam" <Miriam.Goldstein@mail.house.gov>  
**Date:** Friday, March 25, 2016 at 11:57 AM  
**To:** Mustaque Ahamad <mustaq@cc.gatech.edu>  
**Subject:** Re: Q from Rep Speier re: caller ID spoofing/robocalls  
Next Thurs or Fri is fine. Thank you! I'm almost entirely open so let me know what time works for you.

-Miriam

Miriam Goldstein  
Office of Congresswoman Jackie Speier  
Sent from my phone.

---

**From:** Ahamad, Mustaque [mailto:mustaq@cc.gatech.edu]  
**Sent:** Thursday, March 24, 2016 07:19 PM  
**To:** Goldstein, Miriam  
**Subject:** Re: Q from Rep Speier re: caller ID spoofing/robocalls  
Miriam,

Thanks for reaching out. Robocalls and caller-id spoofing are areas I have been working on both at the Georgia Institute of Technology and as co-chair of the Voice and Telephony Abuse special interest group of MAAWG. I am happy to help but the next couple of weeks are quite busy for me. I am traveling overseas early part of next week. I may be able to call you tomorrow morning at 11am. If this does not work, it will have to be next Thursday or Friday. Let me know what works best for you.

Best regards,  
Mustaque Ahamad  
Professor of Computer Science, Georgia Institute of Technology  
Co-founder and Chief Scientist, Pindrop Security

---

**From:** "Goldstein, Miriam" <Miriam.Goldstein@mail.house.gov>  
**Date:** Thursday, March 24, 2016 at 4:23 PM  
**To:** Mustaque Ahamad <mustaq@cc.gatech.edu>  
**Subject:** Q from Rep Speier re: caller ID spoofing/robocalls

Hi Dr. Ahamad,

I work on consumer protection issues for Congresswoman Jackie Speier - Maureen Mahoney from Consumers Union suggested I reach out to you. We've been working with Consumers Union and some of the other consumer protection groups to develop a legislative approach to curbing caller ID spoofing and unwanted robocalls.

I was wondering if I could talk to you about our proposed legislative approach, and if you think it would be feasible and effective.

We would very much appreciate your help! Also happy to have a phone conversation if that's preferable. My direct line

is [REDACTED].

Thank you!

Miriam

Miriam C. Goldstein, Ph.D.

Senior Legislative Assistant

Office of Congresswoman Jackie Speier (CA-14)

2465 Rayburn House Office Building

Phone: (202) 225-3531

Email: [miriam.goldstein@mail.house.gov](mailto:miriam.goldstein@mail.house.gov)

**From:** Ahamad, Mustaque<mustaq@cc.gatech.edu> on behalf of Ahamad, Mustaque  
**Sent on:** Monday, March 28, 2016 3:27:41 PM  
**To:** Goldstein, Miriam<Miriam.Goldstein@mail.house.gov>  
**Subject:** Re: Q from Rep Speier re: caller ID spoofing/robocalls

Miriam,

9:30 works for me as well. I will call you at [REDACTED].

Mustaque

---

**From:** "Goldstein, Miriam" <[Miriam.Goldstein@mail.house.gov](mailto:Miriam.Goldstein@mail.house.gov)>

**Date:** Monday, March 28, 2016 at 7:09 PM  
**To:** Mustaque Ahamad <[mustaq@cc.gatech.edu](mailto:mustaq@cc.gatech.edu)>  
**Subject:** RE: Q from Rep Speier re: caller ID spoofing/robocalls

Thank you! Could we talk a bit later – 9:30 am? Daycare dropoff means that I am sometimes not at my desk at right at 9 am.

Also what number should I call you at? Or you may call me at [REDACTED].

Thanks!

Miriam

---

**From:** Ahamad, Mustaque [<mailto:mustaq@cc.gatech.edu>]

**Sent:** Friday, March 25, 2016 12:03 PM  
**To:** Goldstein, Miriam  
**Subject:** Re: Q from Rep Speier re: caller ID spoofing/robocalls  
OK, let us talk at 9am on Thursday. I look forward to our conversation.  
Best regards,  
Mustaque

---

**From:** "Goldstein, Miriam" <[Miriam.Goldstein@mail.house.gov](mailto:Miriam.Goldstein@mail.house.gov)>

**Date:** Friday, March 25, 2016 at 11:57 AM  
**To:** Mustaque Ahamad <[mustaq@cc.gatech.edu](mailto:mustaq@cc.gatech.edu)>  
**Subject:** Re: Q from Rep Speier re: caller ID spoofing/robocalls  
Next Thurs or Fri is fine. Thank you! I'm almost entirely open so let me know what time works for you.

-Miriam

Miriam Goldstein

Office of Congresswoman Jackie Speier

Sent from my phone.

---

**From:** Ahamad, Mustaque [<mailto:mustaq@cc.gatech.edu>]

**Sent:** Thursday, March 24, 2016 07:19 PM  
**To:** Goldstein, Miriam  
**Subject:** Re: Q from Rep Speier re: caller ID spoofing/robocalls

Miriam,

Thanks for reaching out. Robocalls and caller-id spoofing are areas I have been working on both at the Georgia Institute of Technology and as co-chair of the Voice and Telephony Abuse special interest group of MAAWG. I am happy to help but the next couple of weeks are quite busy for me. I am traveling overseas early part of next week. I may be able to call you tomorrow morning at 11am. If this does not work, it will have to be next Thursday or Friday. Let me know what works best for you.

Best regards,

Mustaque Ahamad

Professor of Computer Science, Georgia Institute of Technology  
Co-founder and Chief Scientist, Pindrop Security

---

**From:** "Goldstein, Miriam" <[Miriam.Goldstein@mail.house.gov](mailto:Miriam.Goldstein@mail.house.gov)>

**Date:** Thursday, March 24, 2016 at 4:23 PM

**To:** Mustaque Ahamad <[mustaq@cc.gatech.edu](mailto:mustaq@cc.gatech.edu)>

**Subject:** Q from Rep Speier re: caller ID spoofing/robocalls

Hi Dr. Ahamad,

I work on consumer protection issues for Congresswoman Jackie Speier - Maureen Mahoney from Consumers Union suggested I reach out to you. We've been working with Consumers Union and some of the other consumer protection groups to develop a legislative approach to curbing caller ID spoofing and unwanted robocalls.

I was wondering if I could talk to you about our proposed legislative approach, and if you think it would be feasible and effective.

We would very much appreciate your help! Also happy to have a phone conversation if that's preferable. My direct line is [REDACTED].

Thank you!

Miriam

Miriam C. Goldstein, Ph.D.

Senior Legislative Assistant

Office of Congresswoman Jackie Speier (CA-14)

2465 Rayburn House Office Building

Phone: (202) 225-3531

Email: [miriam.goldstein@mail.house.gov](mailto:miriam.goldstein@mail.house.gov)

**From:** Ahamad, Mustaque<mustaq@cc.gatech.edu> on behalf of Ahamad, Mustaque  
**Sent on:** Friday, April 22, 2016 12:36:23 AM  
**To:** Goldstein, Miriam<Miriam.Goldstein@mail.house.gov>  
**Subject:** Re: Q from Rep Speier re: caller ID spoofing/robocalls

Thanks Miriam. I look forward to reviewing it.

Mustaque

---

**From:** "Goldstein, Miriam" <[Miriam.Goldstein@mail.house.gov](mailto:Miriam.Goldstein@mail.house.gov)>

**Date:** Thursday, April 21, 2016 at 10:27 PM  
**To:** Mustaque Ahamad <[mustaq@cc.gatech.edu](mailto:mustaq@cc.gatech.edu)>  
**Subject:** RE: Q from Rep Speier re: caller ID spoofing/robocalls

Hi Mustaque,

Thanks again for your help last month! I wanted to tell you that Rep. Speier introduced the ROBOCOP bill last week (sorry for the delay in updating you). I have attached a copy of the bill and the summary in case you are curious. Happy to chat further – we see this as the first step, and want to continue to refine our efforts.

Best,  
Miriam

---

**From:** Ahamad, Mustaque [<mailto:mustaq@cc.gatech.edu>]  
**Sent:** Friday, March 25, 2016 12:03 PM  
**To:** Goldstein, Miriam  
**Subject:** Re: Q from Rep Speier re: caller ID spoofing/robocalls  
OK, let us talk at 9am on Thursday. I look forward to our conversation.  
Best regards,  
Mustaque

---

**From:** "Goldstein, Miriam" <[Miriam.Goldstein@mail.house.gov](mailto:Miriam.Goldstein@mail.house.gov)>  
**Date:** Friday, March 25, 2016 at 11:57 AM  
**To:** Mustaque Ahamad <[mustaq@cc.gatech.edu](mailto:mustaq@cc.gatech.edu)>  
**Subject:** Re: Q from Rep Speier re: caller ID spoofing/robocalls  
Next Thurs or Fri is fine. Thank you! I'm almost entirely open so let me know what time works for you.

-Miriam

Miriam Goldstein  
Office of Congresswoman Jackie Speier  
Sent from my phone.

---

**From:** Ahamad, Mustaque [<mailto:mustaq@cc.gatech.edu>]  
**Sent:** Thursday, March 24, 2016 07:19 PM  
**To:** Goldstein, Miriam  
**Subject:** Re: Q from Rep Speier re: caller ID spoofing/robocalls  
Miriam,

Thanks for reaching out. Robocalls and caller-id spoofing are areas I have been working on both at the Georgia Institute of Technology and as co-chair of the Voice and Telephony Abuse special interest group of MAAWG. I am happy to help but the next couple of weeks are quite busy for me. I am traveling overseas early part of next week. I may be able to call you tomorrow morning at 11am. If this does not work, it will have to be next Thursday or Friday. Let me know what works best for you.

Best regards,  
Mustaque Ahamad  
Professor of Computer Science, Georgia Institute of Technology  
Co-founder and Chief Scientist, Pindrop Security

---

**From:** "Goldstein, Miriam" <[Miriam.Goldstein@mail.house.gov](mailto:Miriam.Goldstein@mail.house.gov)>  
**Date:** Thursday, March 24, 2016 at 4:23 PM



Rep. Tom Graves (GA-14)  
2078 Rayburn House Office Building  
202-225-5211

-----Original Message-----

From: Keromytis, Angelos D <angelos@gatech.edu>  
Sent: Monday, October 28, 2019 3:57 PM  
To: Diffley, Ryan <Ryan.Diffley@mail.house.gov>  
Subject: Re: Rep Graves Cyber Luncheon

Ryan,  
Robert did tell me that the date moved to November 1st. I'm still able (and happy) to attend. Do you have the specific room in CODA?

I would like to hear from closer to the source, as it where, about what Rep. Graves hopes to get out of the event; and perhaps any details about format/expectations. If it's easier to do by phone, my cellphone is [REDACTED]

Best,

Angelos D. Keromytis  
John H. Weitnauer, Jr. Technology Transition Endowed Chair Professor  
of Electrical and Computer Engineering Georgia Research Alliance  
Eminent Scholar Fellow, IEEE and ACM angelos@gatech.edu  
[https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_angelosk.github.io\\_&d=DwIGaQ&c=L93KkjKsAC98uTvC4KvQDdTDRzAeWDDRmG6S3YXIIH0&r=qRr6JRNq4B19BxWa0RCIUptOq6OF1ZZix6TM234cCsw&m=T2hG0z7\\_leSguOfMWmCw7eYDalKmm0sqcHtvHZGjNT4&s=9Ke-sAC\\_PQDLNbUseJui7Az7k9r2\\_06Xvx1ERVtTtmY&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__angelosk.github.io_&d=DwIGaQ&c=L93KkjKsAC98uTvC4KvQDdTDRzAeWDDRmG6S3YXIIH0&r=qRr6JRNq4B19BxWa0RCIUptOq6OF1ZZix6TM234cCsw&m=T2hG0z7_leSguOfMWmCw7eYDalKmm0sqcHtvHZGjNT4&s=9Ke-sAC_PQDLNbUseJui7Az7k9r2_06Xvx1ERVtTtmY&e=)

On Oct 28, 2019, at 3:30 PM, Diffley, Ryan  
<Ryan.Diffley@mail.house.gov> wrote:

Dr. Keromytis,

I believe Robert Knotts from Tech's federal relations office had reached out to you about a luncheon my boss is hosting on Friday, November 1st in the CODA building at 11:30am. I wanted to make sure you would still be able to attend and if you had any questions about the event. I can share more details, I am not positive what Robert shared with you.

Sincerely,

Ryan Diffley  
Legislative Assistant  
Rep. Tom Graves (GA-14)  
2078 Rayburn House Office Building  
202-225-5211

<10.28.19 - PARTICIPANT - Luncheon Background.pdf>

**From:** Keromytis, Angelos D<angelos@gatech.edu> on behalf of Keromytis, Angelos D  
**Sent on:** Tuesday, October 29, 2019 4:05:55 PM  
**To:** Diffley, Ryan<Ryan.Diffley@mail.house.gov>  
**Subject:** Re: Rep Graves Cyber Luncheon

Hi Ryan,

You mean federal policy beyond HR4036 (which I'm a big supporter of)?

For FBI (and possibly GBI), algorithmic warrants would probably be the most immediately useful change, to help them cope with the whack-a-mole race they're in. But it'd be controversial. (What federal policy isn't...)

Policy that unjams the black box that is Ft Meade in terms of *\*timely\** sharing of *\*useful\** indicators

Angelos D. Keromytis  
John H. Weitnauer, Jr. Technology Transition Endowed Chair Professor of Electrical and Computer Engineering  
Georgia Research Alliance Eminent Scholar  
Fellow, IEEE and ACM  
angelos@gatech.edu

On Oct 29, 2019, at 11:54 AM, Diffley, Ryan <Ryan.Diffley@mail.house.gov> wrote:

Hey Dr. Keromytis,

I have a call with Robert tomorrow to finalize the room and other logistics for guests. I will share that with you once we have it.

In regards to the event, we are looking to bring folks together to have a discussion on developing and advancing federal policy to address the current threat landscape. We have folks from the FBI, GBI, Georgia Attorney General's office, industry, and academia attending. We are wanting to leave the discussion with a better understanding of the issues everyone faces, if there is room for improvement for cooperation and if there is any federal policy that would be beneficial to folks.

Best,

Ryan Diffley  
Legislative Assistant  
Rep. Tom Graves (GA-14)  
2078 Rayburn House Office Building  
202-225-5211

-----Original Message-----

From: Keromytis, Angelos D <angelos@gatech.edu>  
Sent: Monday, October 28, 2019 3:57 PM  
To: Diffley, Ryan <Ryan.Diffley@mail.house.gov>  
Subject: Re: Rep Graves Cyber Luncheon

Ryan,

Robert did tell me that the date moved to November 1st. I'm still able (and happy) to attend. Do you have the specific room in CODA?

I would like to hear from closer to the source, as it where, about what Rep. Graves hopes to get out of the event; and perhaps any details about format/expectations. If it's easier to do by phone, my cellphone is [REDACTED]  
Best,

Angelos D. Keromytis

John H. Weitnauer, Jr. Technology Transition Endowed Chair Professor of Electrical and Computer Engineering Georgia Research Alliance Eminent Scholar Fellow, IEEE and ACM  
angelos@gatech.edu [https://urldefense.proofpoint.com/v2/url?u=https-3A\\_angelosk.github.io\\_&d=DwIGaQ&c=L93KkjKsAC98uTvC4KvQDdTDRzAeWDDRmG6S3YXIIH0&r=qRrsAC\\_PQDLNbUseJui7Az7k9r2\\_06Xvx1ERVTttmY&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A_angelosk.github.io_&d=DwIGaQ&c=L93KkjKsAC98uTvC4KvQDdTDRzAeWDDRmG6S3YXIIH0&r=qRrsAC_PQDLNbUseJui7Az7k9r2_06Xvx1ERVTttmY&e=)

On Oct 28, 2019, at 3:30 PM, Diffley, Ryan <Ryan.Diffley@mail.house.gov> wrote:

Dr. Keromytis,

I believe Robert Knotts from Tech's federal relations office had reached out to you about a luncheon my boss is hosting on Friday, November 1st in the CODA building at 11:30am. I wanted to make sure you would still be able to attend and if you had any questions about the event. I can share more details, I am not positive what Robert shared with you.

Sincerely,

Ryan Diffley  
Legislative Assistant  
Rep. Tom Graves (GA-14)  
2078 Rayburn House Office Building  
202-225-5211

**From:** Keromytis, Angelos D<angelos@gatech.edu> on behalf of Keromytis, Angelos D  
**Sent on:** Tuesday, October 29, 2019 4:05:25 PM  
**To:** Diffley, Ryan<Ryan.Diffley@mail.house.gov>  
**Subject:** Re: Rep Graves Cyber Luncheon

Hi Ryan,

You mean federal policy beyond HR4036 (which I'm a big supporter of)?

For FBI (and possibly GBI), algorithmic warrants would probably be the most immediately useful change, to help them cope with the whack-a-mole race they're in. But it'd be controversial. (What federal policy isn't...)

Policy th

Angelos D. Keromytis  
John H. Weitnauer, Jr. Technology Transition Endowed Chair Professor of Electrical and Computer Engineering  
Georgia Research Alliance Eminent Scholar  
Fellow, IEEE and ACM  
angelos@gatech.edu

On Oct 29, 2019, at 11:54 AM, Diffley, Ryan <Ryan.Diffley@mail.house.gov> wrote:

Hey Dr. Keromytis,

I have a call with Robert tomorrow to finalize the room and other logistics for guests. I will share that with you once we have it.

In regards to the event, we are looking to bring folks together to have a discussion on developing and advancing federal policy to address the current threat landscape. We have folks from the FBI, GBI, Georgia Attorney General's office, industry, and academia attending. We are wanting to leave the discussion with a better understanding of the issues everyone faces, if there is room for improvement for cooperation and if there is any federal policy that would be beneficial to folks.

Best,

Ryan Diffley  
Legislative Assistant  
Rep. Tom Graves (GA-14)  
2078 Rayburn House Office Building  
202-225-5211

-----Original Message-----

From: Keromytis, Angelos D <angelos@gatech.edu>  
Sent: Monday, October 28, 2019 3:57 PM  
To: Diffley, Ryan <Ryan.Diffley@mail.house.gov>  
Subject: Re: Rep Graves Cyber Luncheon

Ryan,

**From:** Sagar, Preeti<preeti.sagar@gatech.edu>  
**Sent on:** Tuesday, December 14, 2021 11:39:30 AM  
**To:** Clonts, Tina<tina.clonts@business.gatech.edu>  
**CC:** Thrash, Sherryll D<sherryll.thrash@carnegie.gatech.edu>  
**Subject:** Abbie Coker's question regarding EXP-1076481 Emmanouil Konstantinos Antonakakis  
**Attachments:** 40637 - Credit Card Receipt - 7.13.2021.pdf (330.83 KB), LawPay.pdf (72.97 KB), 1022347.bil.pdf (128.26 KB), Re\_ Lowenstein Sandler invoices to date.pdf (131.56 KB), EXP-1076481.xlsx (4.16 KB)

Good Morning Tina,

I'm wondering if you have any thoughts or suggestions about what I could relay to Abbie regarding the following expense report? She's asking for an explanation as to why this didn't get processed with a PO rather than out-of-pocket reimbursable expenses. It was a confidential legal matter, so I have not contacted or asked anyone else.

Based on what I could glean from the attachments, the employee is seeking reimbursement after the fact rather than before, so there's not much other information I could provide beyond what was included.

Thank You,

Preeti

---

**From:** Thrash, Sherryll D <sherryll.thrash@carnegie.gatech.edu>  
**Sent:** Friday, December 10, 2021 1:44 PM  
**To:** Sagar, Preeti <preeti.sagar@gatech.edu>  
**Cc:** Clonts, Tina <tina.clonts@business.gatech.edu>  
**Subject:** RE: Abbie Coker's question regarding EXP-1076481 Emmanouil Konstantinos Antonakakis

Hi Preeti,

I had no previous knowledge of this expense. Kate sent the attached documents to me on 11/30/21 to process the reimbursement request. I have no additional information related to the expense.

Thanks,

Sherryll

---

**From:** Sagar, Preeti <[preeti.sagar@gatech.edu](mailto:preeti.sagar@gatech.edu)>  
**Sent:** Friday, December 10, 2021 1:34 PM  
**To:** Thrash, Sherryll D <[sherryll.thrash@carnegie.gatech.edu](mailto:sherryll.thrash@carnegie.gatech.edu)>  
**Cc:** Clonts, Tina <[tina.clonts@business.gatech.edu](mailto:tina.clonts@business.gatech.edu)>  
**Subject:** Abbie Coker's question regarding EXP-1076481 Emmanouil Konstantinos Antonakakis  
**Importance:** High

Good afternoon, Sherryll and Tina,

I received the following email from Abbie and wanted to share it with you since she's asking for a justification.

When approving the expense which is charged to DE00005918 IBPA/GIE Legal Services amount \$34,442.78, I saw Ling-Ling's note showing approval from the Provost for reimbursement. It appears that a PO may not have been possible ahead of time since the employee provided the information after the fact. The attachments for which the employee was being reimbursed were per an subpoena to the employee, and involved confidential circumstances.

Please help with a response to be shared with Abbie and Ajay. I had an appointment this afternoon, so I was supposed to be out by noon, but the appointment was delayed so I'm working a bit longer.

Thank You,

Preeti

---

**From:** Coker, Abbie <[abbie.coker@business.gatech.edu](mailto:abbie.coker@business.gatech.edu)>  
**Sent:** Friday, December 10, 2021 1:10 PM  
**To:** Sagar, Preeti <[preeti.sagar@gatech.edu](mailto:preeti.sagar@gatech.edu)>  
**Cc:** Patel, Ajay D <[ajay.patel@business.gatech.edu](mailto:ajay.patel@business.gatech.edu)>  
**Subject:** FW: EXP-1076481

Hi Preeti,

Expense report EXP-1076481 for \$34,442.78 was forwarded to me for further review. These are legal services provided that should have been processed through the Institute's Procurement process with a PO, and should not be paid out of pocket as reimbursable expenses. Can you explain why this was done. This is a potential audit risk.

I am including Ajay on this email for his review since this is a non-travel reimbursement.

Thanks,

**Abbie Coker**  
**Director of Accounts Payable & Travel**  
**Georgia Institute of Technology**  
Procurement & Business Services  
Phone: 404.894.0348 Fax:404.894.8552

---

**From:** Ross, Annette J <[annette.ross@business.gatech.edu](mailto:annette.ross@business.gatech.edu)>

**Sent:** Thursday, December 9, 2021 11:16 AM

**To:** Coker, Abbie <[abbie.coker@business.gatech.edu](mailto:abbie.coker@business.gatech.edu)>

**Subject:** EXP-1076481

Abbie,

Can you review this expense report and confirm we should approve for payment?

Annette Ross

Travel & Expense Manager

Georgia Institute of Technology

Procurement & Business Services

404/385-0934

[annette.ross@business.gatech.edu](mailto:annette.ross@business.gatech.edu)



Annette Ross

Travel & Expense Manager

Georgia Institute of Technology

Procurement & Business Services

404/385-0934

[annette.ross@business.gatech.edu](mailto:annette.ross@business.gatech.edu)

**From:** Clonts, Tina<tina.clonts@business.gatech.edu>

**Sent on:** Friday, December 10, 2021 5:44:00 PM

**To:** Thrash, Sherryll D<sherryll.thrash@carnegie.gatech.edu>

**Subject:** Automatic reply: Abbie Coker's question regarding EXP-1076481 Emmanouil Konstantinos Antonakakis

Hello and thank you for your email. I am currently out of the office with limited access to email. I will respond to your message on Monday, December 13th.

Thank you,

Tina



**From:** Clonts, Tina<tina.clonts@business.gatech.edu>  
**Sent on:** Tuesday, January 18, 2022 7:51:11 PM  
**To:** Thrash, Sherryll D<sherryll.thrash@carnegie.gatech.edu>  
**Subject:** FW: Abbie Coker's question regarding EXP-1076481 Emmanouil Konstantinos Antonakakis

Hi Sherryll:

Please make sure to communicate Abbie's comments with the OGC team.

Thanks,

Tina

---

**From:** Coker, Abbie <abbie.coker@business.gatech.edu>  
**Sent:** Tuesday, January 18, 2022 3:28 PM  
**To:** Patel, Ajay D <ajay.patel@business.gatech.edu>; Thrash, Sherryll D <sherryll.thrash@carnegie.gatech.edu>  
**Cc:** Sagar, Preeti <preeti.sagar@gatech.edu>; Clonts, Tina <tina.clonts@business.gatech.edu>  
**Subject:** RE: Abbie Coker's question regarding EXP-1076481 Emmanouil Konstantinos Antonakakis  
Okay, thanks Ajay.

**Abbie Coker**

**Director of Accounts Payable & Travel**

**Georgia Institute of Technology**

Procurement & Business Services

Phone: 404.894.0348 Fax:404.894.8552

---

**From:** Patel, Ajay D <[ajay.patel@business.gatech.edu](mailto:ajay.patel@business.gatech.edu)>  
**Sent:** Tuesday, January 18, 2022 3:08 PM  
**To:** Coker, Abbie <[abbie.coker@business.gatech.edu](mailto:abbie.coker@business.gatech.edu)>; Thrash, Sherryll D <[sherryll.thrash@carnegie.gatech.edu](mailto:sherryll.thrash@carnegie.gatech.edu)>  
**Cc:** Sagar, Preeti <[preeti.sagar@gatech.edu](mailto:preeti.sagar@gatech.edu)>; Clonts, Tina <[tina.clonts@business.gatech.edu](mailto:tina.clonts@business.gatech.edu)>  
**Subject:** RE: Abbie Coker's question regarding EXP-1076481 Emmanouil Konstantinos Antonakakis  
Abbie

Since this reimbursement of legal fees has been approved by OGC I am fine with approving this reimbursement.

Thanks

Ajay



**Ajay Patel, Director of Procurement**  
**Procurement and Business Services,**  
**711 Marietta Street, Atlanta GA 30332**  
**Phone: 404.894.9054**

---

**From:** Coker, Abbie <[abbie.coker@business.gatech.edu](mailto:abbie.coker@business.gatech.edu)>  
**Sent:** Tuesday, January 18, 2022 2:29 PM  
**To:** Thrash, Sherryll D <[sherryll.thrash@carnegie.gatech.edu](mailto:sherryll.thrash@carnegie.gatech.edu)>; Patel, Ajay D <[ajay.patel@business.gatech.edu](mailto:ajay.patel@business.gatech.edu)>  
**Cc:** Sagar, Preeti <[preeti.sagar@gatech.edu](mailto:preeti.sagar@gatech.edu)>; Clonts, Tina <[tina.clonts@business.gatech.edu](mailto:tina.clonts@business.gatech.edu)>  
**Subject:** FW: Abbie Coker's question regarding EXP-1076481 Emmanouil Konstantinos Antonakakis

Hi Sherryll,

My apologies for the delayed response.

These type of services per the State Accounting Office require a PO number since a service is being rendered. The previous was paid as a reimbursement as an exception and should not be the norm. I am including Ajay Patel on this email for further guidance since this is regarding a service that should have gone through GA Tech's purchasing team. Ajay can you review and advise. It is regarding the reimbursement of **EXP-1079138**.

Best regards,

**Abbie Coker**

**Director of Accounts Payable & Travel**

**Georgia Institute of Technology**

Procurement & Business Services

Phone: 404.894.0348 Fax:404.894.8552

---

**From:** Thrash, Sherryll D <[sherryll.thrash@carnegie.gatech.edu](mailto:sherryll.thrash@carnegie.gatech.edu)>

**Sent:** Tuesday, January 11, 2022 10:47 AM

**To:** Coker, Abbie <[abbie.coker@business.gatech.edu](mailto:abbie.coker@business.gatech.edu)>

**Cc:** Sagar, Preeti <[preeti.sagar@gatech.edu](mailto:preeti.sagar@gatech.edu)>; Clonts, Tina <[tina.clonts@business.gatech.edu](mailto:tina.clonts@business.gatech.edu)>

**Subject:** RE: Abbie Coker's question regarding EXP-1076481 Emmanouil Konstantinos Antonakakis

Good morning:

I received the attached email from Kate Wasch on 1/7/22 to process a reimbursement request for Angelos Keromytis with the same justification as the expense for Emmanouil Konstantinos Antonakakis (subject matter).

I have submitted the reimbursement request for Angelos Keromytis and wanted to provide you all with a heads up in case you had questions regarding the expense. As with Emmanouil Konstantinos Antonakakis, I did not have previous knowledge regarding this expense; hence, a PO was not initiated in advance.

- **Reference number: EXP-1079138**

Kind regards,

Sherryll

---

**From:** Thrash, Sherryll D

**Sent:** Friday, December 10, 2021 1:44 PM

**To:** Sagar, Preeti <[preeti.sagar@gatech.edu](mailto:preeti.sagar@gatech.edu)>

**Cc:** Clonts, Tina <[tina.clonts@business.gatech.edu](mailto:tina.clonts@business.gatech.edu)>

**Subject:** RE: Abbie Coker's question regarding EXP-1076481 Emmanouil Konstantinos Antonakakis

Hi Preeti,

I had no previous knowledge of this expense. Kate sent the attached documents to me on 11/30/21 to process the reimbursement request. I have no additional information related to the expense.

Thanks,

Sherryll

---

**From:** Sagar, Preeti <[preeti.sagar@gatech.edu](mailto:preeti.sagar@gatech.edu)>

**Sent:** Friday, December 10, 2021 1:34 PM

**To:** Thrash, Sherryll D <[sherryll.thrash@carnegie.gatech.edu](mailto:sherryll.thrash@carnegie.gatech.edu)>

**Cc:** Clonts, Tina <[tina.clonts@business.gatech.edu](mailto:tina.clonts@business.gatech.edu)>

**Subject:** Abbie Coker's question regarding EXP-1076481 Emmanouil Konstantinos Antonakakis

**Importance:** High

Good afternoon, Sherryll and Tina,

I received the following email from Abbie and wanted to share it with you since she's asking for a justification.

When approving the expense which is charged to DE00005918 IBPA/GIE Legal Services amount \$34,442.78, I saw Ling-Ling's note showing approval from the Provost for reimbursement. It appears that a PO may not have been possible ahead of time since the employee provided the information after the fact. The attachments for which the employee was being reimbursed were per an subpoena to the employee, and involved confidential circumstances.

Please help with a response to be shared with Abbie and Ajay. I had an appointment this afternoon, so I was supposed to be out by noon, but the appointment was delayed so I'm working a bit longer.

Thank You,

Preeti

---

**From:** Coker, Abbie <[abbie.coker@business.gatech.edu](mailto:abbie.coker@business.gatech.edu)>

**Sent:** Friday, December 10, 2021 1:10 PM

**To:** Sagar, Preeti <[preeti.sagar@gatech.edu](mailto:preeti.sagar@gatech.edu)>

**Cc:** Patel, Ajay D <[ajay.patel@business.gatech.edu](mailto:ajay.patel@business.gatech.edu)>

**Subject:** FW: EXP-1076481

Hi Preeti,

Expense report EXP-1076481 for \$34,442.78 was forwarded to me for further review. These are legal services provided that should have been processed through the Institute's Procurement process with a PO, and should not be paid out of pocket as reimbursable expenses. Can you explain why this was done. This is a potential audit risk.

I am including Ajay on this email for his review since this is a non-travel reimbursement.

Thanks,

**Abbie Coker**

**Director of Accounts Payable & Travel**

**Georgia Institute of Technology**

Procurement & Business Services

Phone: 404.894.0348 Fax:404.894.8552

---

**From:** Ross, Annette J <[annette.ross@business.gatech.edu](mailto:annette.ross@business.gatech.edu)>

**Sent:** Thursday, December 9, 2021 11:16 AM

**To:** Coker, Abbie <[abbie.coker@business.gatech.edu](mailto:abbie.coker@business.gatech.edu)>

**Subject:** EXP-1076481

Abbie,

Can you review this expense report and confirm we should approve for payment?

Annette Ross

Travel & Expense Manager

Georgia Institute of Technology

Procurement & Business Services

404/385-0934

[annette.ross@business.gatech.edu](mailto:annette.ross@business.gatech.edu)



Annette Ross

Travel & Expense Manager

Georgia Institute of Technology

Procurement & Business Services

404/385-0934

[annette.ross@business.gatech.edu](mailto:annette.ross@business.gatech.edu)

From: Thrash, Sherryl D <sherryl.thrash@carnegie.gatech.edu>  
Sent on: Tuesday, November 30, 2021 6:56:15 PM  
To: Wasch, Kate <kate.wasch@legal.gatech.edu>  
CC: Nie, Ling-Ling <linglingnie@gatech.edu>  
Subject: FW: Lowenstein Sandler invoices to date  
Attachments: 40637 - Credit Card Receipt - 7.13.2021.pdf (330.83 KB), LawPay.pdf (72.97 KB), 1022347.bil.pdf (128.26 KB)

Hi Kate,

We will likely use institute funds to reimburse Dr. Antonakakis, but I would need some background information regarding the services/business purpose before submitting the request.

Thanks,  
Sherryl

-----Original Message-----

From: Wasch, Kate <kate.wasch@legal.gatech.edu>  
Sent: Tuesday, November 30, 2021 2:32 PM  
To: Nie, Ling-Ling <linglingnie@gatech.edu>; Thrash, Sherryl D <sherryl.thrash@carnegie.gatech.edu>  
Subject: FW: Lowenstein Sandler invoices to date

Good afternoon, Ling-Ling. These amounts appear appropriate. Please let me know what else I need to do to ensure that Dr. Antonakakis is repaid.

Thanks.

Kate

-----Original Message-----

From: Antonakakis, Manos <manos@gatech.edu>  
Sent: Thursday, November 18, 2021 5:14 PM  
To: Wasch, Kate <kate.wasch@legal.gatech.edu>  
Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>  
Subject: Lowenstein Sandler invoices to date

Hey Kate,

Long time since we talked last, hopefully you are doing great.

It is not a very nice to send people you have not talked to for a long time invoices, but here I am having to do exactly that. Please find attached the two payments I made to Lowenstein Sandler, for the shenanigans I had been dealing with since July. If I could get reimbursed for these, I would seriously appreciate it.

Please note that if I get reimbursed via a check, my address has been changed for physical security reasons (due to the events that took place in the last few months). I can provide you (or Christian) my new physical address using a different communication medium.

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu College of Engineering Dean's Professorship Chair and Associate Professor Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS) School of Electrical and Computer Engineering | Georgia Institute of Technology

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Tuesday, January 18, 2022 11:47:37 AM  
To: Fuller, Christian <christian.fuller@legal.gatech.edu>  
Subject: Fw: Manos Antonakakis - December 31, 2021 - Invoice Numbers: 1031110 and 1031114  
Attachments: 1031110.bil.pdf (122.01 KB), 1031114.bil.pdf (120.47 KB)

fyi-

---

From: Smith, Amanda <ASmith@lowenstein.com> on behalf of Lowenstein Billing <LowensteinBilling@lowenstein.com>  
Sent: Thursday, January 13, 2022 4:13 PM  
To: Antonakakis, Manos  
Cc: Schamel, Mark  
Subject: Manos Antonakakis - December 31, 2021 - Invoice Numbers: 1031110 and 1031114

Greetings,

Enclosed is our firm's invoices for services rendered for the period ending December 31, 2021.

We appreciate the opportunity to serve you in these matters. If you have any questions regarding these invoices, please do not hesitate to contact Amanda Smith at [asmith@lowenstein.com](mailto:asmith@lowenstein.com) or Mark Schamel at [mschamel@lowenstein.com](mailto:mschamel@lowenstein.com). Your invoice(s) will be delivered to this email address each month. If you are not the appropriate billing contact please email

[receivables@lowenstein.com](mailto:receivables@lowenstein.com) and advise us of the appropriate email address.

Given the impact of COVID19, we ask that you send us payments via ACH or wire as opposed to check. This will ensure that your payment reaches us timely and that your account is credited immediately. Our ACH/wire instructions are located on the first and last pages of our invoices.

For all other billing inquiries, please contact [receivables@lowenstein.com](mailto:receivables@lowenstein.com).

Please do not reply to this email, it is an unattended mailbox.

Thank you.

Amanda D. Smith  
Executive Assistant  
Lowenstein Sandler LLP

T: 202.753.3657  
M: 336.406.3354  
F: 973.597.2400

[Lowenstein Sandler LLP]

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Thursday, November 18, 2021 4:22:09 PM  
To: Fuller, Christian <christian.fuller@legal.gatech.edu>  
Subject: Fw: Manos Antonakakis - July 31, 2021 - Invoice No. 1022347  
Attachments: 1022347.bil.pdf (126.54 KB)

---

From: Smith, Amanda <ASmith@lowenstein.com> on behalf of Lowenstein Billing <LowensteinBilling@lowenstein.com>  
Sent: Thursday, November 18, 2021 12:02 PM  
To: Antonakakis, Manos  
Cc: Schamel, Mark  
Subject: Manos Antonakakis - July 31, 2021 - Invoice No. 1022347

Greetings,

Enclosed is our firm's invoice for services rendered for the period ending July 31, 2021.

We appreciate the opportunity to serve you in this matter. If you have any questions regarding this invoice, please do not hesitate to contact Amanda Smith at [asmith@lowenstein.com](mailto:asmith@lowenstein.com) <<mailto:asmith@lowenstein.com>> or Mark Schamel at [mschamel@lowenstein.com](mailto:mschamel@lowenstein.com) <<mailto:mschamel@lowenstein.com>>. Your invoice(s) will be delivered to this email address each month. If you are not the appropriate billing contact please email

[receivables@lowenstein.com](mailto:receivables@lowenstein.com) <<mailto:receivables@lowenstein.com>> and advise us of the appropriate email address.

Given the impact of COVID19, we ask that you send us payments via ACH or wire as opposed to check. This will ensure that your payment reaches us timely and that your account is credited immediately. Our ACH/wire instructions are located on the first and last pages of our invoices.

For all other billing inquiries, please contact [receivables@lowenstein.com](mailto:receivables@lowenstein.com) <<mailto:receivables@lowenstein.com>>.

Please do not reply to this email, it is an unattended mailbox.

Thank you.

Amanda D. Smith  
Executive Assistant  
Lowenstein Sandler LLP  
T: 202.753.3657  
M: 336.406.3354  
F: 973.597.2400  
[Lowenstein Sandler LLP] <<https://www.lowenstein.com/>>

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

**From:** Georgia Tech Open Records Office<openrecords@gatech.edu>

**Sent on:** Friday, May 27, 2022 4:53:40 PM

**To:** Fuller, Christian<christian.fuller@legal.gatech.edu>

**Subject:** Fw: Records

Hi Christian,

Can you tell me if these the fees for these employees were covered and if so is there a particular contact to obtain this information? Thanks!

Franchesca Virgil

**From:** Ryan Milliron [REDACTED]

**Sent:** Friday, May 27, 2022 11:50 AM

**To:** Georgia Tech Open Records Office <openrecords@gatech.edu>

**Subject:** Records

Hi,

Im interested in submitting an open records request related to the total payments so far of legal fees for Mr. Antonakakis, Dagon, Keromytis, and Farrell.

Should I address that to the finance department? Is there a summary tracker of some kind or do I need to try to guess at the invoices involved?

Thank you!

Ryan

**From:**

**Sent on:** Tuesday, January 11, 2022 2:03:46 PM

**To:**

**Subject:** FW: Reimbursement of Attorney Fees/Angelos Keromytis

**Attachments:** Fwd Your wire transfer was sent.eml (61.34 KB), Fwd Angelos D. Keromytis - December 31, 2021 - Invoice Number 1030542.eml (208.65 KB)

---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>

**Sent:** Friday, January 7, 2022 5:11 PM

**To:** Thrash, Sherryl D <sherryl.thrash@carnegie.gatech.edu>

**Cc:** Nie, Ling-Ling <linglingnie@gatech.edu>; Fuller, Christian <christian.fuller@legal.gatech.edu>

**Subject:** Reimbursement of Attorney Fees/Angelos Keromytis

Good afternoon, Sherryl. Will you please get this in line for payment? The justification is the same as that we provided for Manos Antonakakis. Please let me know if you need additional information from me.

Thanks, and have a great weekend!

Kate



**From:** Fuller, Christian<christian.fuller@legal.gatech.edu>  
**Sent on:** Wednesday, April 20, 2022 5:50:05 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** Thrash, Sherryll D<sherryll.thrash@carnegie.gatech.edu>  
**Subject:** FW: Reimbursement Request

Hi Manos,

Reimbursement has been approved for your recent legal services payments.

Sherryll Thrash will provide you with the appropriate worktag for payment, and then you will need to coordinate the Workday submission through your department. Please also include the approval and justification information in the email below along with the worktag when you submit your request for reimbursement.

If you have any questions, please let me know.

Thank you,

Christian

---

**From:** Patel, Ajay D <ajay.patel@business.gatech.edu>  
**Sent:** Wednesday, April 20, 2022 1:32 PM  
**To:** Fuller, Christian <christian.fuller@legal.gatech.edu>  
**Cc:** Wasch, Kate <kate.wasch@legal.gatech.edu>; Coker, Abbie <abbie.coker@business.gatech.edu>; Thrash, Sherryll D <sherryll.thrash@carnegie.gatech.edu>  
**Subject:** Re: Reimbursement Request

Thanks Christian

This is approved.

Abbie...please see below

**Thanks**

**Ajay Patel**

**Director of Procurement | Procurement and Business Services**

**Phone(404) 894-9054 | Cell(404) 673-4574**

**711 Marietta St – 122, Atlanta, Georgia 30318**

[ajay.patel@business.gatech.edu](mailto:ajay.patel@business.gatech.edu)|[www.procurement.gatech.edu](http://www.procurement.gatech.edu)

---

**From:** Fuller, Christian <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>  
**Sent:** Wednesday, April 20, 2022 1:21:03 PM  
**To:** Patel, Ajay D <[ajay.patel@business.gatech.edu](mailto:ajay.patel@business.gatech.edu)>  
**Cc:** Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Coker, Abbie <[abbie.coker@business.gatech.edu](mailto:abbie.coker@business.gatech.edu)>; Thrash, Sherryll D <[sherryll.thrash@carnegie.gatech.edu](mailto:sherryll.thrash@carnegie.gatech.edu)>  
**Subject:** Reimbursement Request

Hi Ajay,

We are again requesting reimbursement for legal services rendered to Dr. Manos Antonakakis from January 1, 2022, through February 28, 2022. Please see attached bills and payments made by Dr. Antonakakis.

Summary: This situation initially involved a government investigation out of Washington, DC that sought information from Dr. Antonakakis directly, in his individual capacity, but related to his work here at Georgia Tech. We sought assistance from the Attorney General's office who declined to assist Dr. Antonakakis; however, permitted us to reimburse Dr. Antonakakis for legal costs he incurred for hiring his own counsel. In October of 2021, a foreign corporation, who had filed an unrelated civil lawsuit, sought the same information as the government investigation from Dr. Antonakakis individually, but related to his work here at Georgia Tech. Again, we sought assistance from the Attorney General's office and again they declined to assist Dr. Antonakakis but maintained the same position on reimbursement for outside counsel.

**04/20/2022 UPDATE:** The civil lawsuit filed by the foreign corporation has been withdrawn. However, the government investigation has continued and has led to in an indictment against a third party. The matter is set for a jury trial next month. The government has asked Dr. Antonakakis to remain involved, which continues his need for counsel. Hopefully after the trial, the matter will end.

By reference, there was a prior request reimbursement on this same matter (EXP-1076481).

Please let me know if you have further questions.

**Christian Fuller**

Senior Counsel, Employment & Litigation

Georgia Institute of Technology

Office of Legal Affairs

760 Spring Street NW, Suite 324

Atlanta, Georgia 30332-0495

Phone: 404-403-8204

[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)



**From:** Fuller, Christian<christian.fuller@legal.gatech.edu>  
**Sent on:** Wednesday, February 23, 2022 7:57:53 PM  
**To:** Thrash, Sherryll D<sherryll.thrash@carnegie.gatech.edu>  
**CC:** Wasch, Kate<kate.wasch@legal.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>  
**Subject:** FW: Reimbursement Request  
**Attachments:** 1031110.bil.pdf (122.01 KB), 1031114.bil.pdf (120.47 KB), Payment\_1.pdf (163.63 KB), Payment\_2.pdf (164.17 KB)

Hi Sherryll,

Can you process the reimbursement for Dr. Antonakakis through Workday?  
See the authorization from Ajay below and the attached invoices and receipts.  
Please let me know if you have any questions.

Thanks!

Christian

---

**From:** Patel, Ajay D <ajay.patel@business.gatech.edu>  
**Sent:** Wednesday, February 23, 2022 9:25 AM  
**To:** Fuller, Christian <christian.fuller@legal.gatech.edu>  
**Cc:** Wasch, Kate <kate.wasch@legal.gatech.edu>; Coker, Abbie <abbie.coker@business.gatech.edu>  
**Subject:** RE: Reimbursement Request

Hi Christian

Thanks for the heads up. Yes go ahead and have him submit the reimbursement. Please be sure to include the justification below.

Abbie—please let me know if you have any concerns.

Thanks

Ajay

**Ajay Patel**



Director of Procurement | Procurement and Business Services  
Phone (404) 894-9054 | Cell (404) 673-4574  
711 Marietta St – 122, Atlanta, Georgia 30318  
[ajay.patel@business.gatech.edu](mailto:ajay.patel@business.gatech.edu) | [www.procurement.gatech.edu](http://www.procurement.gatech.edu)

---

**From:** Fuller, Christian <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>  
**Sent:** Tuesday, February 22, 2022 2:27 PM  
**To:** Patel, Ajay D <[ajay.patel@business.gatech.edu](mailto:ajay.patel@business.gatech.edu)>  
**Cc:** Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>  
**Subject:** Reimbursement Request

Hi Ajay,

We are requesting reimbursement for legal services rendered to Dr. Manos Antonakakis from August 2, 2021, through December 31, 2021. Please see attached bills and payments made by Dr. Antonakakis.

Summary: This situation initially involved a government investigation out of Washington, DC that sought information from Dr. Antonakakis directly, in his individual capacity, but related to his work here at Georgia Tech. We sought assistance from the Attorney General's office who declined to assist Dr. Antonakakis; however, permitted us to reimburse Dr. Antonakakis for legal costs he incurred for hiring his own counsel. In October of 2021, a foreign corporation, who had filed an unrelated civil lawsuit, sought the same information as the government investigation from Dr. Antonakakis individually, but related to his work here at Georgia Tech. Again, we sought assistance from the Attorney General's office and again they declined to assist Dr. Antonakakis but maintained the same position on reimbursement for outside counsel.

By reference, there was a prior reimbursement on this same matter (EXP-1076481).

Please let me know if you have further questions.

Thanks,

**Christian Fuller**

Senior Counsel, Employment & Litigation  
Georgia Institute of Technology

Office of Legal Affairs  
760 Spring Street NW, Suite 324  
Atlanta, Georgia 30332-0495  
Phone: 404-403-8204  
[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)



**From:** Fuller, Christian<christian.fuller@legal.gatech.edu>  
**Sent on:** Thursday, June 23, 2022 6:23:52 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** Thrash, Sherryll D<sherryll.thrash@carnegie.gatech.edu>  
**Subject:** FW: Reimbursement Request

Hi Manos,

Reimbursement has been approved for your recent legal services payments.

Sherryll Thrash will provide you with the appropriate worktag for payment, and then you will need to coordinate the Workday submission through your department. Please also include the approval and justification information in the email below along with the worktag when you submit your request for reimbursement.

If you have any questions, please let me know.

Thank you,

Christian

---

**From:** Patel, Ajay D <ajay.patel@business.gatech.edu>  
**Sent:** Wednesday, June 15, 2022 3:53 PM  
**To:** Fuller, Christian <christian.fuller@legal.gatech.edu>  
**Cc:** Wasch, Kate <kate.wasch@legal.gatech.edu>; Coker, Abbie <abbie.coker@business.gatech.edu>; Thrash, Sherryll D <sherryll.thrash@carnegie.gatech.edu>  
**Subject:** RE: Reimbursement Request

Hi Christian

Thanks for the email and the explanation below. Based on this and the approval from the AG I approve this reimbursement.

Thanks

Ajay

**Ajay Patel**



Director of Procurement | Procurement and Business Services

Phone (404) 894-9054 | Cell (404) 673-4574

711 Marietta St – 122, Atlanta, Georgia 30318

[ajay.patel@business.gatech.edu](mailto:ajay.patel@business.gatech.edu) | [www.procurement.gatech.edu](http://www.procurement.gatech.edu)

---

**From:** Fuller, Christian <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>  
**Sent:** Wednesday, June 15, 2022 3:27 PM  
**To:** Patel, Ajay D <[ajay.patel@business.gatech.edu](mailto:ajay.patel@business.gatech.edu)>  
**Cc:** Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Coker, Abbie <[abbie.coker@business.gatech.edu](mailto:abbie.coker@business.gatech.edu)>; Thrash, Sherryll D <[sherryll.thrash@carnegie.gatech.edu](mailto:sherryll.thrash@carnegie.gatech.edu)>  
**Subject:** Reimbursement Request

Hi Ajay,

We are again requesting reimbursement for legal services rendered to Dr. Manos Antonakakis from March 31, 2022, through April 30, 2022. Please see attached Invoices and payments made by Dr. Antonakakis.

Summary: This situation initially involved a government investigation out of Washington, DC that sought information from Dr. Antonakakis directly, in his individual capacity, but related to his work here at Georgia Tech. We sought assistance from the Attorney General's office who declined to assist Dr. Antonakakis; however, permitted us to reimburse Dr. Antonakakis for legal costs he incurred for hiring his own counsel. In October of 2021, a foreign corporation, who had filed an unrelated civil lawsuit, sought the same information as the government investigation from Dr. Antonakakis individually, but related to his work here at Georgia Tech. Again, we sought assistance from the Attorney General's office and again they declined to assist Dr. Antonakakis but maintained the same position on reimbursement for outside counsel.

**04/20/2022 UPDATE:** The civil lawsuit filed by the foreign corporation has been withdrawn. However, the government investigation has continued and has led to in an indictment against a third party. The matter is set for a jury trial next month. The government has asked Dr. Antonakakis to remain involved, which continues his need for counsel. Hopefully after the trial, the matter will end.

**6/15/2022 UPDATE:** The criminal trial has concluded resulting in an acquittal of the defendant charged. Dr. Antonakakis

did not have to testify as a witness. We expect that because the trial has concluded, continued representation for Dr. Antonakakis on this matter should conclude soon. I spoke with his counsel yesterday and confirmed that there should be one final invoice for services rendered through the end of May/beginning of June.

By reference, there was a prior request reimbursement on this same matter (EXP-1076481).

Please let me know if you have further questions.

**Christian Fuller**

Senior Counsel, Employment & Litigation

Georgia Institute of Technology

Office of Legal Affairs

760 Spring Street NW, Suite 324

Atlanta, Georgia 30332-0495

Phone: 404-403-8204

[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)



**From:** Keromytis, Angelos D<angelos@gatech.edu>  
**Sent on:** Friday, January 7, 2022 7:59:56 PM  
**To:** Wasch, Kate<kate.wasch@legal.gatech.edu>  
**CC:** Fuller, Christian<christian.fuller@legal.gatech.edu>  
**Subject:** Fwd: Angelos D. Keromytis - December 31, 2021 - Invoice Number: 1030542  
**Attachments:** 1030542 Invoice.pdf (141.9 KB)

Kate, happy new year!

Please see below the invoice for services rendered by Lowenstein LLP (Mark Schamel) on the GJ matter, through December 31, 2021. My next email to you will include the confirmation for the \$10K retainer I paid on August 18, 2021 (from which the "Credit applied" was deducted).

Let me know what else you need from me to get this reimbursed.

Thanks,  
-Angelos

Begin forwarded message:

**From:** Lowenstein Billing <[LowensteinBilling@lowenstein.com](mailto:LowensteinBilling@lowenstein.com)>  
**Subject:** Angelos D. Keromytis - December 31, 2021 - Invoice Number: 1030542  
**Date:** January 7, 2022 at 3:48:24 PM EST  
**To:** "Keromytis, Angelos D" <[angelos@gatech.edu](mailto:angelos@gatech.edu)>  
**Cc:** "Schamel, Mark" <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>

Greetings,

Enclosed is our firm's invoice for services rendered for the period ending December 31, 2021.

We appreciate the opportunity to serve you in this matter. If you have any questions regarding this invoice, please do not hesitate to contact Amanda Smith at [asmith@lowenstein.com](mailto:asmith@lowenstein.com) or Mark Schamel at [mschamel@lowenstein.com](mailto:mschamel@lowenstein.com). Your invoice(s) will be delivered to this email address each month. If you are not the appropriate billing contact please email [receivables@lowenstein.com](mailto:receivables@lowenstein.com) and advise us of the appropriate email address.

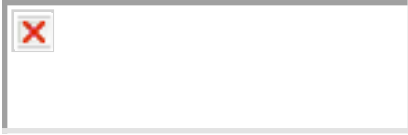
***Given the impact of COVID19, we ask that you send us payments via ACH or wire as opposed to check. This will ensure that your payment reaches us timely and that your account is credited immediately. Our ACH/wire instructions are located on the first and last pages of our invoices.***

For all other billing inquiries, please contact [receivables@lowenstein.com](mailto:receivables@lowenstein.com).

***Please do not reply to this email, it is an unattended mailbox.***

Thank you.

**Amanda D. Smith**  
Executive Assistant  
Lowenstein Sandler LLP  
T: 202.753.3657  
M: 336.406.3354  
F: 973.597.2400



---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.



**From:** Keromytis, Angelos D<angelos@gatech.edu>  
**Sent on:** Wednesday, June 8, 2022 9:17:34 PM  
**To:** Wasch, Kate<kate.wasch@legal.gatech.edu>  
**CC:** Fuller, Christian<christian.fuller@legal.gatech.edu>  
**Subject:** Fwd: Angelos Keromytis - April 30, 2022 - Invoice Number: 1053811  
**Attachments:** 1053811.pdf (124.48 KB)

FYI

Begin forwarded message:

**From:** Lowenstein Billing <[LowensteinBilling@lowenstein.com](mailto:LowensteinBilling@lowenstein.com)>  
**Subject:** Angelos Keromytis - April 30, 2022 - Invoice Number: 1053811  
**Date:** June 7, 2022 at 3:25:31 PM EDT  
**To:** "Keromytis, Angelos D" <[angelos@gatech.edu](mailto:angelos@gatech.edu)>  
**Cc:** "Schamel, Mark" <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>

Greetings,

Enclosed is our firm's invoice for services rendered for the period ending April 30, 2022.

We appreciate the opportunity to serve you in this matter. If you have any questions regarding this invoice, please do not hesitate to contact Amanda Smith at [asmith@lowenstein.com](mailto:asmith@lowenstein.com) or Mark Schamel at [mschamel@lowenstein.com](mailto:mschamel@lowenstein.com). Your invoice(s) will be delivered to this email address each month. If you are not the appropriate billing contact please email [receivables@lowenstein.com](mailto:receivables@lowenstein.com) and advise us of the appropriate email address.

*Given the impact of COVID19, we ask that you send us payments via ACH or wire as opposed to check. This will ensure that your payment reaches us timely and that your account is credited immediately. Our ACH/wire instructions are located on the first and last pages of our invoices.*

For all other billing inquiries, please contact [receivables@lowenstein.com](mailto:receivables@lowenstein.com).  
*Please do not reply to this email, it is an unattended mailbox.*

Thank you.

Amanda D. Smith  
Executive Assistant  
Lowenstein Sandler LLP  
T: 202.753.3657  
M: 336.406.3354  
F: 973.597.2400



---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

**From:** kate.wasch@legal.gatech.edu  
**Sent on:** Thursday, December 2, 2021 5:46:01 PM  
**To:** Sherryll D Thrash<sherryll.thrash@carnegie.gatech.edu>  
**Subject:** Fwd: Lowenstein Sandler invoices to date

When you have a moment, will you please check on an estimated date of payment, and confirm that the payment can be made by direct deposit? Thanks for your help.

Kate Wasch  
Chief Counsel, Employment & Litigation  
Begin forwarded message:

**From:** "Wasch, Kate" <kate.wasch@legal.gatech.edu>  
**Date:** December 2, 2021 at 1:43:56 PM EST  
**To:** "Antonakakis, Manos" <manos@gatech.edu>  
**Cc:** "Fuller, Christian" <christian.fuller@legal.gatech.edu>  
**Subject: Re: Lowenstein Sandler invoices to date**

I apologize for the delay. Accounts Payable asked for additional information, which I have provided. Let me see if I can get an estimated payment date.

If you are usually paid your salary via direct deposit, I think we can do that here, too. I will confirm.

Kate Wasch

Chief Counsel, Employment & Litigation

On Dec 2, 2021, at 11:34 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

Hey Kate and Christian,

Very sorry to bother you with this again, but for financial planning reasons alone, may I ask if we have any sense about when I will get reimbursed? Even if we do not have a sense, that is a data point I can use for my financial planning.

Thank you, Manos

---

From: Antonakakis, Manos <manos@gatech.edu>

Sent: Thursday, November 18, 2021 5:13 PM

To: Wasch, Kate

Cc: Fuller, Christian

Subject: Lowenstein Sandler invoices to date

Hey Kate,

Long time since we talked last, hopefully you are doing great.

It is not a very nice to send people you have not talked to for a long time invoices, but here I am having to do exactly that. Please find attached the two payments I made to Lowenstein Sandler, for the shenanigans I had been dealing with since July. If I could get reimbursed for these, I would seriously appreciate it.

Please note that if I get reimbursed via a check, my address has been changed for physical security reasons (due to the events that took place in the last few months). I can provide you (or Christian) my new physical address using a different communication medium.

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu

College of Engineering Dean's Professorship Chair and Associate Professor

Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)

School of Electrical and Computer Engineering | Georgia Institute of

Technology



Lowenstein Sandler LLP  
 New York Palo Alto New Jersey Utah Washington, DC  
 T: 973 597 2500 F: 973 597 2400  
 Tax ID # 46-0920520

VIA EMAIL: [manos@gatech.edu](mailto:manos@gatech.edu)

November 16, 2021

Invoice Number: 1022347  
 File No: 40637-2

Manos Antonakakis  
 Georgia Institute of Technology  
 North Avenue  
 Atlanta, GA 30332

TO ENSURE PROPER CREDIT, PLEASE INCLUDE INVOICE NUMBER ON YOUR CHECK AND RETURN THE ENCLOSED REMITTANCE COPY OF THIS PAGE.  
 PROFESSIONAL FEES, DISBURSEMENTS AND OTHER CHARGES ARE COMPILED AS ENTERED ON OUR RECORDS THROUGH THE BILLING DATE BELOW.  
 PROFESSIONAL FEES, DISBURSEMENTS OR OTHER CHARGES POSTED SUBSEQUENT TO THAT DATE WILL BE REFLECTED IN FUTURE INVOICES.

For professional services rendered through July 31, 2021 in connection with Grand Jury Subpoena:

Counsel Fee	\$34,380.50
Disbursements	62.28
Less: Credit Applied	-10,000.00
<b>Total This Invoice</b>	<b>\$24,442.78</b>

Payable on Receipt Please reference Account Number: 40637; Invoice Number: 1022347	
<b><u>Check Payment</u></b>  Check Payable to: Lowenstein Sandler LLP One Lowenstein Drive Roseland, New Jersey 07068	<b><u>Wire/ACH Transfer Instructions</u></b>  Bank Name: Citibank N.A. Account Name: Lowenstein Sandler LLP ABA ABA/Routing Number: 021000089 Account Number: <span style="background-color: black; color: black;">XXXXXXXXXX</span> SWIFT Code: CITIUS33

**TIME DETAIL FOR MATTER 2 / Grand Jury Subpoena:**

<u>Date</u>	<u>Timekeeper</u>	<u>Hours</u>	<u>Time Narrative</u>
07/09/21	Schamel, Mark	0.60	Telephone calls and emails with general counsel of Georgia Tech
07/10/21	Schamel, Mark	1.30	Telephone calls and emails with client and general counsel of Georgia Tech
07/12/21	Jara, Ana L.	0.30	Confer with AUSA re: whether client was subject, target, or witness; confer with M. Schamel re: same
07/12/21	Schamel, Mark	0.80	Telephone call with prosecutor; email with client re: same; confer with A. Jara re: AUSA
07/13/21	Jara, Ana L.	1.00	Confer with general counsel of Georgia Tech re: government attempting in-person service on client and follow up with government re: same; attend call with M. Schamel and AUSAs re: substance of the grand jury subpoena and possibility of client speaking in information interview re: same
07/13/21	Schamel, Mark	1.00	Telephone call with A. Jara and AUSA re: subpoena and interview with client; multiple emails re: same
07/14/21	Jara, Ana L.	2.50	Confer with client re: facts underlying the grand jury subpoena and take notes re: same; confer with general counsel for Georgia Tech to discuss the issues related to the subpoena, DARPA, and what George Tech could do to help; confer with M. Schamel re: same; review emails from client re: facts underlying the grand jury subpoena; confirm receipt of same
07/14/21	Schamel, Mark	1.90	Confer with client re: facts underlying the grand jury subpoena; confer with general counsel for Georgia Tech to discuss the issues related to the subpoena, DARPA, and what George Tech could do to help; confer with A. Jara re: same
07/15/21	Jara, Ana L.	1.50	Confer with client re: interview with government and confidentiality concerns; confer with M. Schamel re: same; confer with general counsel at George Tech re: same
07/15/21	Schamel, Mark	2.20	Multiple telephone calls with client; telephone calls with AUSA; telephone calls with general counsel at George Tech
07/16/21	Jara, Ana L.	4.30	Attend informal meeting with government to go over what client knows re: case; confer with client and M. Schamel after meeting; confer with M. Schamel and general counsel for George Tech re: same
07/16/21	Schamel, Mark	4.70	Attend informal meeting with government to go over what client knows re: case; confer with client and A. Jara after meeting; confer with A. Jara and general counsel for George Tech re: same
07/19/21	Jara, Ana L.	2.30	Attend, and participate in telephone call with client re: refreshing recollection for government interviews; confer with government and M. Schamel re: same; confer with client to update him on calls with government
07/19/21	Schamel, Mark	1.80	Telephone call with A. Jara; email with prosecutor; telephone call with client
07/20/21	Jara, Ana L.	0.70	Confer with M. Schamel and client re: document productions and refreshing his recollection; confer with M. Schamel re: same

**TIME DETAIL FOR MATTER 2 / Grand Jury Subpoena:**

<u>Date</u>	<u>Timekeeper</u>	<u>Hours</u>	<u>Time Narrative</u>
07/20/21	Schamel, Mark	1.00	Multiple emails and telephone calls with general counsel for Georgia Tech and client; internal conference with A. Jara; review documents
07/21/21	Jara, Ana L.	0.70	Confer with M. Schamel re: document production and case strategy; confer with general counsel for Georgia Tech re: document production and George Tech's obligations under the subpoena
07/22/21	Hinger, William	3.70	Download client documents; review documents; prepare document production; bates stamp and rename files
07/22/21	Jara, Ana L.	4.10	Confer with general counsel for George Tech re: George Tech's strategy in responding to subpoena; confer with M. Schamel re: same; attend telephone call with client and M. Schamel and the government re: client's knowledge about Trump, Alfa Bank, and Yota phones
07/22/21	Schamel, Mark	2.00	Confer with A. Jara re: strategy in responding to subpoena; attend telephone call with client, A. Jara and the government re: client's knowledge about Trump, Alfa Bank, and Yota phones
07/23/21	Hinger, William	4.60	Download and save selected documents in preparation of document production; review client synopsis and documents
07/23/21	Jara, Ana L.	2.30	Attend call with M. Schamel and general counsel for Georgia Tech re: Georgia Tech's subpoena response; attend call with client re: same; attend call with the government, M. Schamel, and client to discuss further his document collection and recollection about relevant events; confer with W. Hinger re: document collection and production
07/23/21	Jara, Gabriel	0.40	Coordinate the processing and production of documents requested by W. Hinger
07/23/21	Pagano, Jamie J.	0.10	Provide assistance to W. Hinger re: data transfers
07/23/21	Schamel, Mark	2.00	Attend call with A. Jara and general counsel for Georgia Tech re: Georgia Tech's subpoena response; attend call with client re: same; attend call with the government, A. Jara, and client to discuss document collection and recollection about relevant events
07/23/21	Suhail, Aneela	2.10	Provide assistance to G. Jara and W. Hinger re: create interim IPRO review and processing databases; process documents and load into database; produce multiple productions as requested; create encrypted ShareFile link and password for distribution; provide notice to case team of completion of same and availability of documents for review
07/26/21	Jara, Ana L.	2.30	Confer with R. Jones re: research into quashing grand jury subpoena; confer with client re: grand jury subpoena; confer with M. Schamel and general counsel for Georgia Tech re: same; confer with government re: same
07/26/21	Jones, Renee	2.80	Research ways to prevent client from attending grand jury testifying subpoena
07/26/21	Schamel, Mark	2.30	Confer with A. Jara and general counsel for Georgia Tech re: quashing subpoena; telephone call with client; telephone call with AUSA
07/27/21	Schamel, Mark	0.90	Emails with general counsel for Georgia Tech; telephone call with AUSA

**TIME DETAIL FOR MATTER 2 / Grand Jury Subpoena:**

<u>Date</u>	<u>Timekeeper</u>	<u>Hours</u>	<u>Time Narrative</u>
07/29/21	Jara, Ana L.	0.50	Confer with general counsel for Georgia Tech re: document production; confer with M. Schamel re: same
07/29/21	Schamel, Mark	1.30	Confer with A. Jara re: document production; telephone calls and emails with client and general counsel for Georgia Tech
07/30/21	Jara, Ana L.	2.10	Attend meeting with government counsel; confer with client re: meeting with government; confer with general counsel for Georgia Tech re: same
07/30/21	Schamel, Mark	2.10	Attend meeting with government; confer with client re: meeting with government; confer with general counsel for Georgia Tech re: same

**TIMEKEEPER SUMMARY:**

<u>Timekeeper Name</u>	<u>Hours Billed</u>	<u>Rate</u>	<u>Bill Amount</u>
Schamel, Mark	25.90	\$750.00	\$19,425.00
Jara, Ana L.	24.60	450.00	11,070.00
Jones, Renee	2.80	420.00	1,176.00
Hinger, William	8.30	250.00	2,075.00
Jara, Gabriel	0.40	255.00	102.00
Pagano, Jamie J.	0.10	285.00	28.50
Suhail, Aneela	2.10	240.00	504.00
<b>TOTAL ALL TIMEKEEPERS</b>	<b>64.20</b>		<b>\$34,380.50</b>
Less: Credit Applied			-10,000.00
<b>TOTAL ADJUSTED FEES</b>			<b>\$24,380.50</b>

**DISBURSEMENTS FOR MATTER 2 / Grand Jury Subpoena:**

<u>Description</u>	<u>Amount</u>
Computerized legal research	\$62.28
<b>TOTAL DISBURSEMENTS</b>	<b>\$62.28</b>





Lowenstein Sandler LLP  
 New York Palo Alto New Jersey Utah Washington, DC  
 T: 973 597 2500 F: 973 597 2400  
 Tax ID # 46-0920520

VIA EMAIL: [manos@gatech.edu](mailto:manos@gatech.edu)

November 16, 2021

Invoice Number: 1022347  
 File No: 40637-2

Manos Antonakakis  
 Georgia Institute of Technology  
 North Avenue  
 Atlanta, GA 30332

**-REMITTANCE COPY-**

PROFESSIONAL FEES, DISBURSEMENTS AND OTHER CHARGES ARE COMPILED AS ENTERED ON OUR RECORDS THROUGH THE BILLING DATE BELOW.  
 PROFESSIONAL FEES, DISBURSEMENTS OR OTHER CHARGES POSTED SUBSEQUENT TO THAT DATE WILL BE REFLECTED IN FUTURE INVOICES.

For professional services rendered through July 31, 2021 in connection with Grand Jury Subpoena:

Counsel Fee	\$34,380.50
Disbursements	62.28
Less: Credit Applied	-10,000.00
<b>Total This Invoice</b>	<b>\$24,442.78</b>

Payable on Receipt Please reference Account Number: 40637; Invoice Number: 1022347	
<p style="text-align: center;"><b><u>Check Payment</u></b></p> <p>Check Payable to:          Lowenstein Sandler LLP          One Lowenstein Drive          Roseland, New Jersey 07068</p>	<p style="text-align: center;"><b><u>Wire/ACH Transfer Instructions</u></b></p> <p>Bank Name: Citibank N.A.          Account Name: Lowenstein Sandler LLP ABA          ABA/Routing Number: 021000089          Account Number: <span style="background-color: black; color: black;">XXXXXXXXXX</span>          SWIFT Code: CITIUS33</p>



Lowenstein Sandler LLP  
 New York Palo Alto New Jersey Utah Washington, DC  
 T: 973 597 2500 F: 973 597 2400  
 Tax ID # 46-0920520

VIA EMAIL: [angelos@gatech.edu](mailto:angelos@gatech.edu)

January 7, 2022

Invoice Number: 1030542  
 File No: 40758-2

Angelos D Keromytis

TO ENSURE PROPER CREDIT, PLEASE INCLUDE INVOICE NUMBER ON YOUR CHECK AND RETURN THE ENCLOSED REMITTANCE COPY OF THIS PAGE.  
 PROFESSIONAL FEES, DISBURSEMENTS AND OTHER CHARGES ARE COMPILED AS ENTERED ON OUR RECORDS THROUGH THE BILLING DATE BELOW.  
 PROFESSIONAL FEES, DISBURSEMENTS OR OTHER CHARGES POSTED SUBSEQUENT TO THAT DATE WILL BE REFLECTED IN FUTURE INVOICES.

For professional services rendered through December 31, 2021 in connection with Grand Jury Subpoena:

Counsel Fee	\$6,810.00
Less: Credit Applied	-6,810.00
<b>Total This Invoice</b>	<b>\$0.00</b>

Payable on Receipt Please reference Account Number: 40758; Invoice Number: 1030542	
<p style="text-align: center;"><b><u>Check Payment</u></b></p> <p>Check Payable to:          Lowenstein Sandler LLP          One Lowenstein Drive          Roseland, New Jersey 07068</p>	<p style="text-align: center;"><b><u>Wire/ACH Transfer Instructions</u></b></p> <p>Bank Name: Citibank N.A.          Account Name: Lowenstein Sandler LLP ABA          ABA/Routing Number: 021000089          Account Number: <span style="background-color: black; color: black;">XXXXXXXXXX</span>          SWIFT Code: CITIUS33</p>

**TIME DETAIL FOR MATTER 2 / Grand Jury Subpoena:**

<u>Date</u>	<u>Timekeeper</u>	<u>Hours</u>	<u>Time Narrative</u>
08/09/21	Schamel, Mark	0.90 @ N/C	Emails with client; telephone call with Special Counsel
08/12/21	Jara, Ana L.	0.30 @ N/C	Confer with client re: conflicts and seeking outside counsel and next steps in case
08/13/21	Jara, Ana L.	0.50 @ N/C	Confer with new client re: case involvement and potential conflict; confer with J. Connelly re: new client's potential conflict to advise him re: same
08/13/21	Schamel, Mark	1.30	Emails with prosecutor and internal conference
08/17/21	Schamel, Mark	0.20	Emails with Special Counsel
08/27/21	Schamel, Mark	0.40	Telephone call with client
09/01/21	Jara, Ana L.	1.60	Meet with M. Schamel and client re: government interviews and role in research related to Trump and Russian activities
09/01/21	Schamel, Mark	1.60	Meeting with client and A. Jara; email DOJ
09/08/21	Schamel, Mark	0.50	Telephone call with General Counsel for Georgia Tech
09/22/21	Jara, Ana L.	1.20	Confer with client re: open grand jury investigation, further indictments, and client's role; discuss with M. Schamel how best to handle the case and what the government's strategy was
09/22/21	Schamel, Mark	1.20	Confer with client re: open grand jury investigation, further indictments, and client's role; discuss with A. Jara how best to handle the case and what the government's strategy was
09/23/21	Schamel, Mark	0.40	Emails and telephone call with client
09/24/21	Jara, Ana L.	1.00	Confer with client re: New York Times article, future grand jury appearances, documents, and recollection; confer with M. Schamel re: same
09/24/21	Schamel, Mark	1.20	Confer with client re: New York Times article, future grand jury appearances, documents, and recollection; confer with A. Jara re: same; follow-up emails re: same

**TIMEKEEPER SUMMARY:**

<u>Timekeeper Name</u>	<u>Hours Billed</u>	<u>Rate</u>	<u>Bill Amount</u>
Schamel, Mark	6.80	\$750.00	\$5,100.00
Jara, Ana L.	3.80	450.00	1,710.00
<b>TOTAL ALL TIMEKEEPERS</b>	<b>10.60</b>		<b>\$6,810.00</b>
Less: Credit Applied			-6,810.00
<b>TOTAL ADJUSTED FEES</b>			<b>\$0.00</b>

**THERE ARE NO DISBURSEMENTS FOR THIS MATTER**



Lowenstein Sandler LLP  
 New York Palo Alto New Jersey Utah Washington, DC  
 T: 973 597 2500 F: 973 597 2400  
 Tax ID # 46-0920520

VIA EMAIL: [angelos@gatech.edu](mailto:angelos@gatech.edu)

January 7, 2022

Invoice Number: 1030542  
 File No: 40758-2

Angelos D Keromytis

**-REMITTANCE COPY-**

PROFESSIONAL FEES, DISBURSEMENTS AND OTHER CHARGES ARE COMPILED AS ENTERED ON OUR RECORDS THROUGH THE BILLING DATE BELOW.  
 PROFESSIONAL FEES, DISBURSEMENTS OR OTHER CHARGES POSTED SUBSEQUENT TO THAT DATE WILL BE REFLECTED IN FUTURE INVOICES.

For professional services rendered through December 31, 2021 in connection with Grand Jury Subpoena:

Counsel Fee	\$6,810.00
Less: Credit Applied	-6,810.00
<b>Total This Invoice</b>	<b>\$0.00</b>

Payable on Receipt Please reference Account Number: 40758; Invoice Number: 1030542	
<b><u>Check Payment</u></b>	<b><u>Wire/ACH Transfer Instructions</u></b>
Check Payable to: Lowenstein Sandler LLP One Lowenstein Drive Roseland, New Jersey 07068	Bank Name: Citibank N.A. Account Name: Lowenstein Sandler LLP ABA ABA/Routing Number: 021000089 Account Number: <span style="background-color: black; color: black;">XXXXXXXXXX</span> SWIFT Code: CITIUS33



Lowenstein Sandler LLP  
 New York Palo Alto New Jersey Utah Washington, DC  
 T: 973 597 2500 F: 973 597 2400  
 Tax ID # 46-0920520

VIA EMAIL: [manos@gatech.edu](mailto:manos@gatech.edu)

January 10, 2022

Invoice Number: 1031110  
 File No: 40637-2

Manos Antonakakis  
 Georgia Institute of Technology  
 North Avenue  
 Atlanta, GA 30332

TO ENSURE PROPER CREDIT, PLEASE INCLUDE INVOICE NUMBER ON YOUR CHECK AND RETURN THE ENCLOSED REMITTANCE COPY OF THIS PAGE.  
 PROFESSIONAL FEES, DISBURSEMENTS AND OTHER CHARGES ARE COMPILED AS ENTERED ON OUR RECORDS THROUGH THE BILLING DATE BELOW.  
 PROFESSIONAL FEES, DISBURSEMENTS OR OTHER CHARGES POSTED SUBSEQUENT TO THAT DATE WILL BE REFLECTED IN FUTURE INVOICES.

For professional services rendered through December 31, 2021 in connection with Grand Jury Subpoena:

Counsel Fee	\$31,325.50
<b>Total This Invoice</b>	<u><u>\$31,325.50</u></u>

Payable on Receipt Please reference Account Number: 40637; Invoice Number: 1031110	
<u><b>Check Payment</b></u>  Check Payable to: Lowenstein Sandler LLP One Lowenstein Drive Roseland, New Jersey 07068	<u><b>Wire/ACH Transfer Instructions</b></u>  Bank Name: Citibank N.A. Account Name: Lowenstein Sandler LLP ABA ABA/Routing Number: 021000089 Account Number: <span style="background-color: black; color: black;">XXXXXXXXXX</span> SWIFT Code: CITIUS33

**TIME DETAIL FOR MATTER 2 / Grand Jury Subpoena:**

<u>Date</u>	<u>Timekeeper</u>	<u>Hours</u>	<u>Time Narrative</u>
08/02/21	Jara, Ana L.	0.10	Confer with client re: reviewing emails and documents for the government
08/02/21	Schamel, Mark	0.60	Emails with Special Counsel and client; internal meeting with A. Jara
08/03/21	Schamel, Mark	0.90	Multiple emails and telephone calls with Special Counsel and client
08/04/21	Jara, Ana L.	0.40	Confer with government re: next steps, document collection, and second interview
08/04/21	Schamel, Mark	0.40	Confer with government re: next steps, document collection, and second interview
08/05/21	Jara, Ana L.	1.20	Confer with client re: case updates and government's position on additional document collection and interviews
08/05/21	Schamel, Mark	1.20	Confer with client re: case updates and government's position on additional document collection and interviews
08/09/21	Schamel, Mark	1.30	Discussion with A. Jara re: interview; setup conference with Special Counsel
08/24/21	Schamel, Mark	0.60	Emails with Special Counsel
08/25/21	Schamel, Mark	0.60	Emails and telephone calls with Special Counsel
08/26/21	Jara, Ana L.	0.30	Confer with government counsel re: grand jury subpoena and an affidavit in lieu of testimony
08/27/21	Jara, Ana L.	2.10	Meet with government attorney and take notes re: draft 302; confer with client re: same and review notes to ensure what information is correct; confer with client re: meeting with government; follow-up with government re: meeting with client
08/27/21	Schamel, Mark	0.90	Telephone call with client; telephone call with A. Jara; emails with Special Counsel
08/28/21	Jara, Ana L.	1.30	Confer with government counsel, client, and M. Schamel re: draft 302s for client and whether those 302s were accurate
08/28/21	Schamel, Mark	1.30	Confer with government counsel, client, and A. Jara re: draft 302s for client and whether those 302s were accurate
08/31/21	Schamel, Mark	0.60	Emails with Special Counsel
09/01/21	Jara, Ana L.	1.30	Meet with government, M. Schamel, and client re: corrections to client's 302
09/01/21	Schamel, Mark	1.50	Meet with government, A. Jara, and client re: corrections to client's 302; telephone call with Georgia Tech
09/08/21	Schamel, Mark	0.50	Telephone call with General Counsel of Georgia Tech
09/15/21	Schamel, Mark	0.50	Emails with Special Counsel; telephone call with General Counsel of Georgia Tech

**TIME DETAIL FOR MATTER 2 / Grand Jury Subpoena:**

<u>Date</u>	<u>Timekeeper</u>	<u>Hours</u>	<u>Time Narrative</u>
09/16/21	Hinger, William	0.30	Review indictment and save to system
09/16/21	Jara, Ana L.	0.30	Confer with client re: indictment and government's investigation's findings
09/16/21	Schamel, Mark	1.90	Review indictment; telephone call with client and A. Jara re: same; telephone call with General Counsel for Georgia Tech; follow-up with A. Jara
09/17/21	Jara, Ana L.	1.80	Confer with client re: updates to case and indictment that the Department of Justice handed down; confer with Georgia Tech's General Counsel re: same
09/17/21	Schamel, Mark	0.90	Multiple telephone calls with client and Special Counsel re: indictment
09/21/21	Schamel, Mark	1.90	Telephone call with B. Heberling re: FBI; telephone call with P. Kerr
09/22/21	Hinger, William	0.10	Circulate client documents to team LS
09/22/21	Jara, Ana L.	1.00	Confer with client re: indictment and client's role as a witness and how to proceed with case strategy
09/22/21	Schamel, Mark	2.20	Telephone calls with New York Times; telephone call with client and A. Jara re: indictment and client's role as a witness and how to proceed with case strategy
09/23/21	Hinger, William	1.70	Review produced documents and compile potential documents to share with the New York Times
09/23/21	Jara, Ana L.	6.20	Confer with client re: New York Times story; confer with public relations team re: same; confer with General Counsel of Georgia Tech re: same; review emails to produce to New York Times and confer with M. Schamel re: same; confer with client re: personal security protections and plans moving forward; confer with M. Schamel re: same
09/23/21	Pagano, Jamie J.	0.10	Provide assistance to W. Hinger re: database grids
09/23/21	Schamel, Mark	2.30	Confer with A. Jara re: security protection and plans moving forward; multiple telephone calls with client, General Counsel of Georgia Tech, and New York Times
09/23/21	Suhail, Aneela	0.30	Assist W. Hinger re: IPRO database access
09/24/21	Jara, Ana L.	2.90	Confer with client, public relations team, Georgia Tech public relations team, and M. Schamel re: New York Times article and response; confer with M. Schamel re: same; review Georgia Tech's statement; confer with client re: same; confer with private security firm re: threat assessments; confer with client re: same
09/24/21	Schamel, Mark	2.90	Multiple telephone calls with New York Times, client, and Georgia Tech; confer with A. Jara
09/25/21	Jara, Ana L.	0.20	Confer with client re: Georgia Tech's statements and issues surrounding case and security
09/25/21	Schamel, Mark	1.90	Multiple revisions and drafts of statement; telephone calls with client, A. Jara, and New York Times



**TIME DETAIL FOR MATTER 2 / Grand Jury Subpoena:**

<u>Date</u>	<u>Timekeeper</u>	<u>Hours</u>	<u>Time Narrative</u>
09/26/21	Jara, Ana L.	0.20	Review draft statement for client to be sent to New York Times
09/26/21	Schamel, Mark	0.80	Telephone calls re: statement; revise statement; telephone call with client and Georgia Tech
09/28/21	Hinger, William	0.10	Monitor New York Times for article re: client
09/30/21	Schamel, Mark	1.30	Telephone calls and emails with General Counsel for Georgia Tech re: press; multiple emails and telephone calls with press re: article; internal meeting with LS team
10/01/21	Jara, Ana L.	0.70	Meet with client re: personal safety and security concerns once New York Times article dropped; confer with General Counsel for Georgia Tech re: client's concerns; confer with M. Schamel re: same
10/01/21	Schamel, Mark	0.20	Confer with A. Jara re: security concerns and New York Times
10/02/21	Schamel, Mark	1.10	Telephone call with A. Jara re: press and indictment; telephone call with client re: same
10/07/21	Schamel, Mark	0.40	Emails with client and A. Jara re: Sussman trial
10/12/21	Schamel, Mark	0.20	Emails with client

**TIMEKEEPER SUMMARY:**

<u>Timekeeper Name</u>	<u>Hours Billed</u>	<u>Rate</u>	<u>Bill Amount</u>
Schamel, Mark	28.90	\$750.00	\$21,675.00
Jara, Ana L.	20.00	450.00	9,000.00
Hinger, William	2.20	250.00	550.00
Pagano, Jamie J.	0.10	285.00	28.50
Suhail, Aneela	0.30	240.00	72.00
<b>TOTAL ALL TIMEKEEPERS</b>	<b>51.50</b>		<b>\$31,325.50</b>

**THERE ARE NO DISBURSEMENTS FOR THIS MATTER**



Lowenstein Sandler LLP  
 New York Palo Alto New Jersey Utah Washington, DC  
 T: 973 597 2500 F: 973 597 2400  
 Tax ID # 46-0920520

VIA EMAIL: [manos@gatech.edu](mailto:manos@gatech.edu)

January 10, 2022

Invoice Number: 1031110  
 File No: 40637-2

Manos Antonakakis  
 Georgia Institute of Technology  
 North Avenue  
 Atlanta, GA 30332

**-REMITTANCE COPY-**

PROFESSIONAL FEES, DISBURSEMENTS AND OTHER CHARGES ARE COMPILED AS ENTERED ON OUR RECORDS THROUGH THE BILLING DATE BELOW.  
 PROFESSIONAL FEES, DISBURSEMENTS OR OTHER CHARGES POSTED SUBSEQUENT TO THAT DATE WILL BE REFLECTED IN FUTURE INVOICES.

For professional services rendered through December 31, 2021 in connection with Grand Jury Subpoena:

Counsel Fee	\$31,325.50
<b>Total This Invoice</b>	<u>\$31,325.50</u>

Payable on Receipt Please reference Account Number: 40637; Invoice Number: 1031110	
<p style="text-align: center;"><b><u>Check Payment</u></b></p> <p>Check Payable to:          Lowenstein Sandler LLP          One Lowenstein Drive          Roseland, New Jersey 07068</p>	<p style="text-align: center;"><b><u>Wire/ACH Transfer Instructions</u></b></p> <p>Bank Name: Citibank N.A.          Account Name: Lowenstein Sandler LLP ABA          ABA/Routing Number: 021000089          Account Number: <span style="background-color: black; color: black;">XXXXXXXXXX</span>          SWIFT Code: CITIUS33</p>



Lowenstein Sandler LLP  
 New York Palo Alto New Jersey Utah Washington, DC  
 T: 973 597 2500 F: 973 597 2400  
 Tax ID # 46-0920520

VIA EMAIL: [manos@gatech.edu](mailto:manos@gatech.edu)

January 10, 2022

Invoice Number: 1031114  
 File No: 40637-3

Manos Antonakakis  
 Georgia Institute of Technology  
 North Avenue  
 Atlanta, GA 30332

TO ENSURE PROPER CREDIT, PLEASE INCLUDE INVOICE NUMBER ON YOUR CHECK AND RETURN THE ENCLOSED REMITTANCE COPY OF THIS PAGE.  
 PROFESSIONAL FEES, DISBURSEMENTS AND OTHER CHARGES ARE COMPILED AS ENTERED ON OUR RECORDS THROUGH THE BILLING DATE BELOW.  
 PROFESSIONAL FEES, DISBURSEMENTS OR OTHER CHARGES POSTED SUBSEQUENT TO THAT DATE WILL BE REFLECTED IN FUTURE INVOICES.

For professional services rendered through December 31, 2021 in connection with Subpoena:

Counsel Fee	\$15,125.00
Disbursements	5,933.28
Less: Credit Applied	-10,000.00
<b>Total This Invoice</b>	<b>\$11,058.28</b>

Payable on Receipt Please reference Account Number: 40637; Invoice Number: 1031114	
<b>Check Payment</b>  Check Payable to: Lowenstein Sandler LLP One Lowenstein Drive Roseland, New Jersey 07068	<b>Wire/ACH Transfer Instructions</b>  Bank Name: Citibank N.A. Account Name: Lowenstein Sandler LLP ABA ABA/Routing Number: 021000089 Account Number: <span style="background-color: black; color: black;">XXXXXXXXXX</span> SWIFT Code: CITIUS33

**TIME DETAIL FOR MATTER 3 / Subpoena:**

<u>Date</u>	<u>Timekeeper</u>	<u>Hours</u>	<u>Time Narrative</u>
10/18/21	Schafbuch, Christopher	0.60	Analyze validity of subpoena duces tecum and deposition subpoena
10/18/21	Schamel, Mark	0.70	Telephone call re: subpoenas; emails with General Counsel for Georgia Tech
10/21/21	Schamel, Mark	0.80	Telephone call with lawyer for A. Lorensen
11/02/21	Schafbuch, Christopher	2.80	Continue researching and analyzing validity of subpoenas; telephone call with Fulton County Clerk's Office re: validity of subpoenas
11/08/21	Schamel, Mark	0.70	Attend meeting with General Counsel for Georgia Tech re: subpoenas
11/12/21	Schafbuch, Christopher	2.80	Draft objections to deposition and document subpoenas; telephone call with Fulton County Clerk's Office re: same; emails with M. Schamel re: Alfa-Bank's request to confirm appearance and motion to quash, and erroneous legal arguments re: subpoenaed party's duties under Georgia law
11/14/21	Jara, Ana L.	0.50	Telephone conversation with M. Schamel and client re: press inquiry from the Federalist; review draft response to the same
11/14/21	Schamel, Mark	1.50	Telephone conversation with A. Jara and client re: press inquiry from the Federalist; draft response to the same; multiple emails and telephone calls re: same
11/15/21	Schafbuch, Christopher	5.30	Continue drafting motion for protective order and to quash subpoenas; telephone call with J. Connelly re: local counsel needs and filing process; update and analyze Georgia case law re: procedures under uniform interstate depositions and discovery act; telephone call with client and M. Schamel re: dates of service and other issues; draft declaration of C. Schafbuch in support of same
11/15/21	Schamel, Mark	0.50	Telephone call with C. Schafbuch and client re: dates of service and other issues
11/16/21	Jara, Ana L.	0.30	Review and revise draft motion for protective order and to quash subpoenas
11/16/21	Schafbuch, Christopher	3.20	Analyze Georgia procedural rules re: filing petitions, motions practice, and supporting factual assertions by sworn declarations; revise motion for protective order to address A. Jara's comments and revisions; update and analyze nationwide case law re: invalid subpoenas under Uniform Interstate Depositions and Discovery Act
11/16/21	Schamel, Mark	0.50	Review protective order and to quash subpoena; emails with C. Schafbuch re: local counsel; emails with M. Krawiec re: deposition
11/17/21	Jara, Ana L.	0.60	Review and respond to emails re: local counsel and deposition; teleconference with client and C. Schafbuch re: issues concerning motion for protective order and Fulton County subpoenas

**TIME DETAIL FOR MATTER 3 / Subpoena:**

<u>Date</u>	<u>Timekeeper</u>	<u>Hours</u>	<u>Time Narrative</u>
11/17/21	Schafbuch, Christopher	3.20	Telephone call with J. Connelly and A. Ebbs re: subpoena and Rule 6.4 certificate; correspondence with Alfa-Bank's counsel re: meet-and-confer attempts; teleconference with client and A. Jara re: issues concerning motion for protective order and Fulton County subpoenas; teleconference with M. Schamel and J. Connelly re: filing and litigation strategy re: same; hold meet-and-confer with M. Schamel and Alfa-Bank's counsel M. Krawiec and M. McIntosh
11/17/21	Schamel, Mark	1.60	Emails with M. Krawiec re: meet-and-confer; teleconference with J. Connelly and C. Schafbuch re: filing and litigation strategy for opposing subpoenas and seeking protective order; meet-and-confer with C. Schafbuch and Alfa-Bank's counsel M. Krawiec and M. McIntosh; telephone call with client re: outcome of meet-and-confer
11/19/21	Schamel, Mark	0.10	Email with M. Krawiec re: subpoena and questions
12/08/21	Schamel, Mark	0.40	Telephone call with New York Times (.4) NO CHARGE
12/13/21	Schamel, Mark	0.40	Emails with client
12/14/21	Schamel, Mark	0.50	Emails with client and counsel in Georgia (.5) NO CHARGE
12/15/21	Schamel, Mark	0.40	Emails with client and M, Krawiec re: deposition
12/16/21	Schamel, Mark	0.20	Discussion with Alpha Bank counsel re: moving deadlines to January

**TIMEKEEPER SUMMARY:**

<u>Timekeeper Name</u>	<u>Hours Billed</u>	<u>Rate</u>	<u>Bill Amount</u>
Schamel, Mark	8.30	\$770.00	\$6,391.00
Jara, Ana L.	1.40	485.00	679.00
Schafbuch, Christopher	17.90	450.00	8,055.00
<b>TOTAL ALL TIMEKEEPERS</b>	<b>27.60</b>		<b>\$15,125.00</b>
Less: Credit Applied			-10,000.00
<b>TOTAL ADJUSTED FEES</b>			<b>\$5,125.00</b>

**DISBURSEMENTS FOR MATTER 3 / Subpoena:**

<u>Description</u>	<u>Amount</u>
Computerized legal research	\$1,863.28
Outside Legal Counsel / Local Counsel	4,070.00
<b>TOTAL DISBURSEMENTS</b>	<b>\$5,933.28</b>



Lowenstein Sandler LLP  
 New York Palo Alto New Jersey Utah Washington, DC  
 T: 973 597 2500 F: 973 597 2400  
 Tax ID # 46-0920520

VIA EMAIL: [manos@gatech.edu](mailto:manos@gatech.edu)

January 10, 2022

Invoice Number: 1031114  
 File No: 40637-3

Manos Antonakakis  
 Georgia Institute of Technology  
 North Avenue  
 Atlanta, GA 30332

**-REMITTANCE COPY-**

PROFESSIONAL FEES, DISBURSEMENTS AND OTHER CHARGES ARE COMPILED AS ENTERED ON OUR RECORDS THROUGH THE BILLING DATE BELOW.  
 PROFESSIONAL FEES, DISBURSEMENTS OR OTHER CHARGES POSTED SUBSEQUENT TO THAT DATE WILL BE REFLECTED IN FUTURE INVOICES.

For professional services rendered through December 31, 2021 in connection with Subpoena:

Counsel Fee	\$15,125.00
Disbursements	5,933.28
Less: Credit Applied	-10,000.00
<b>Total This Invoice</b>	<b>\$11,058.28</b>

Payable on Receipt Please reference Account Number: 40637; Invoice Number: 1031114	
<b><u>Check Payment</u></b>  Check Payable to: Lowenstein Sandler LLP One Lowenstein Drive Roseland, New Jersey 07068	<b><u>Wire/ACH Transfer Instructions</u></b>  Bank Name: Citibank N.A. Account Name: Lowenstein Sandler LLP ABA ABA/Routing Number: 021000089 Account Number: <span style="background-color: black; color: black;">XXXXXXXXXX</span> SWIFT Code: CITIUS33



Lowenstein  
Sandler

Lowenstein Sandler LLP  
New York Palo Alto New Jersey Utah Washington, DC  
T: 973 597 2500 F: 973 597 2400  
Tax ID # 46-0920520

VIA EMAIL: [angelos@gatech.edu](mailto:angelos@gatech.edu)

May 31, 2022

Invoice Number: 1053811  
File No: 40758-2

Angelos D Keromytis

TO ENSURE PROPER CREDIT, PLEASE INCLUDE INVOICE NUMBER ON YOUR CHECK AND RETURN THE ENCLOSED REMITTANCE COPY OF THIS PAGE.  
PROFESSIONAL FEES, DISBURSEMENTS AND OTHER CHARGES ARE COMPILED AS ENTERED ON OUR RECORDS THROUGH THE BILLING DATE BELOW.  
PROFESSIONAL FEES, DISBURSEMENTS OR OTHER CHARGES POSTED SUBSEQUENT TO THAT DATE WILL BE REFLECTED IN FUTURE INVOICES.

For professional services rendered through April 30, 2022 in connection with Grand Jury Subpoena:

Counsel Fee	\$1,905.00
Less: Credit Applied	-1,905.00
<b>Total This Invoice</b>	<b>\$0.00</b>

Payable on Receipt

Please reference Account Number: 40758; Invoice Number: 1053811

**Check Payment**

Check Payable to:  
Lowenstein Sandler LLP  
One Lowenstein Drive  
Roseland, New Jersey 07068

**Wire/ACH Transfer Instructions**

Bank Name: Citibank N.A.  
Account Name: Lowenstein Sandler LLP ABA  
ABA/Routing Number: 021000089  
Account Number: [REDACTED]  
SWIFT Code: CITIUS33



**TIME DETAIL FOR MATTER 2 / Grand Jury Subpoena:**

<u>Date</u>	<u>Timekeeper</u>	<u>Hours</u>	<u>Time Narrative</u>
04/15/22	Schamel, Mark	1.30	Telephone call with client re: update on case; telephone call with George Tech GC re: update on case
04/19/22	Schamel, Mark	0.50	Review Sussmann pleadings and articles
04/25/22	Jara, Ana L.	0.40	Meet with client, M. Antonakakis, and M. Schamel re: hearing on motion in limine; review Sussmann filings
04/25/22	Schamel, Mark	0.50	Telephone call with client and M. Antonakakis; review filings and news articles re: Sussmann

**TIMEKEEPER SUMMARY:**

<u>Timekeeper Name</u>	<u>Hours Billed</u>	<u>Rate</u>	<u>Bill Amount</u>
Schamel, Mark	2.30	\$750.00	\$1,725.00
Jara, Ana L.	0.40	450.00	180.00
<b>TOTAL ALL TIMEKEEPERS</b>	<b>2.70</b>		<b>\$1,905.00</b>
Less: Credit Applied			-1,905.00
<b>TOTAL ADJUSTED FEES</b>			<b>\$0.00</b>

**THERE ARE NO DISBURSEMENTS FOR THIS MATTER**



Lowenstein Sandler LLP  
 New York Palo Alto New Jersey Utah Washington, DC  
 T: 973 597 2500 F: 973 597 2400  
 Tax ID # 46-0920520

VIA EMAIL: [angelos@gatech.edu](mailto:angelos@gatech.edu)

May 31, 2022

Invoice Number: 1053811  
 File No: 40758-2

Angelos D Keromytis

**-REMITTANCE COPY-**

PROFESSIONAL FEES, DISBURSEMENTS AND OTHER CHARGES ARE COMPILED AS ENTERED ON OUR RECORDS THROUGH THE BILLING DATE BELOW.  
 PROFESSIONAL FEES, DISBURSEMENTS OR OTHER CHARGES POSTED SUBSEQUENT TO THAT DATE WILL BE REFLECTED IN FUTURE INVOICES.

For professional services rendered through April 30, 2022 in connection with Grand Jury Subpoena:

Counsel Fee	\$1,905.00
Less: Credit Applied	-1,905.00
<b>Total This Invoice</b>	<u><u>\$0.00</u></u>

Payable on Receipt Please reference Account Number: 40758; Invoice Number: 1053811	
<p style="text-align: center;"><b><u>Check Payment</u></b></p> <p>Check Payable to:          Lowenstein Sandler LLP          One Lowenstein Drive          Roseland, New Jersey 07068</p>	<p style="text-align: center;"><b><u>Wire/ACH Transfer Instructions</u></b></p> <p>Bank Name: Citibank N.A.          Account Name: Lowenstein Sandler LLP ABA          ABA/Routing Number: 021000089          Account Number: <span style="background-color: black; color: black;">XXXXXXXXXX</span>          SWIFT Code: CITIUS33</p>

**From:** [Nie, Ling-Ling](#)  
**To:** [Wasch, Kate](#); [Thrash, Sherryl D](#)  
**Subject:** Re: Lowenstein Sandler invoices to date  
**Date:** Thursday, December 2, 2021 2:27:06 PM

---

Thanks Sherryl and Kate! As background, the Provost agreed that the Institute would reimburse him for these fees.

---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Date:** Thursday, December 2, 2021 at 11:55 AM  
**To:** Thrash, Sherryl D <sherryl.thrash@carnegie.gatech.edu>  
**Cc:** Nie, Ling-Ling <linglingnie@gatech.edu>  
**Subject:** Re: Lowenstein Sandler invoices to date

I'm not sure how much detail AP needs. Maybe:

Legal advice regarding subpoena issued to employee for information related to the employee's work at GT.

Please let me know if you need more.

Kate Wasch  
Chief Counsel, Employment & Litigation

> On Nov 30, 2021, at 2:58 PM, Thrash, Sherryl D <sherryl.thrash@carnegie.gatech.edu> wrote:

>

> Hi Kate,

>

> We will likely use institute funds to reimburse Dr. Antonakakis, but I would need some background information regarding the services/business purpose before submitting the request.

>

> Thanks,

> Sherryl

>

>

> -----Original Message-----

> From: Wasch, Kate <kate.wasch@legal.gatech.edu>

> Sent: Tuesday, November 30, 2021 2:32 PM

> To: Nie, Ling-Ling <linglingnie@gatech.edu>; Thrash, Sherryl D <sherryl.thrash@carnegie.gatech.edu>

> Subject: FW: Lowenstein Sandler invoices to date

>

> Good afternoon, Ling-Ling. These amounts appear appropriate. Please let me know what else I need to do to ensure that Dr. Antonakakis is repaid.

>

> Thanks.

>

> Kate

>

>

> -----Original Message-----

> From: Antonakakis, Manos <manos@gatech.edu>

> Sent: Thursday, November 18, 2021 5:14 PM

> To: Wasch, Kate <kate.wasch@legal.gatech.edu>

> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>

> Subject: Lowenstein Sandler invoices to date

>

> Hey Kate,

>

> Long time since we talked last, hopefully you are doing great.

>

> It is not a very nice to send people you have not talked to for a long time invoices, but here I am having to do exactly that. Please find attached the two payments I made to Lowenstein Sandler, for the shenanigans I had been dealing with since July. If I could get reimbursed for these, I would seriously appreciate it.

>

> Please note that if I get reimbursed via a check, my address has been changed for physically security reasons (due to the events that took place in the last few months). I can provide you (or Christian) my new physical address using a different communication medium.

>

> Thanks,

> -

> Manos Antonakakis, Ph.D. | manos@gatech.edu College of Engineering Dean's Professorship Chair and Associate Professor Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS) School of Electrical and Computer Engineering | Georgia Institute of Technology

> <40637 - Credit Card Receipt - 7.13.2021.pdf>

> <LawPay.pdf>

> <1022347.bil.pdf>



Lowenstein Sandler LLP  
 New York Palo Alto New Jersey Utah Washington, DC  
 T: 973 597 2500 F: 973 597 2400  
 Tax ID # 46-0920520

VIA EMAIL: [manos@gatech.edu](mailto:manos@gatech.edu)

February 23, 2022

Invoice Number: 1037189  
 File No: 40637-3

Manos Antonakakis  
 Georgia Institute of Technology  
 North Avenue  
 Atlanta, GA 30332

TO ENSURE PROPER CREDIT, PLEASE INCLUDE INVOICE NUMBER ON YOUR CHECK AND RETURN THE ENCLOSED REMITTANCE COPY OF THIS PAGE.  
 PROFESSIONAL FEES, DISBURSEMENTS AND OTHER CHARGES ARE COMPILED AS ENTERED ON OUR RECORDS THROUGH THE BILLING DATE BELOW.  
 PROFESSIONAL FEES, DISBURSEMENTS OR OTHER CHARGES POSTED SUBSEQUENT TO THAT DATE WILL BE REFLECTED IN FUTURE INVOICES.

For professional services rendered through January 31, 2022 in connection with Subpoena:

Counsel Fee	\$16,361.50
<b>Total This Invoice</b>	<u><u>\$16,361.50</u></u>

Payable on Receipt Please reference Account Number: 40637; Invoice Number: 1037189	
<p style="text-align: center;"><b><u>Check Payment</u></b></p> <p>Check Payable to:          Lowenstein Sandler LLP          One Lowenstein Drive          Roseland, New Jersey 07068</p>	<p style="text-align: center;"><b><u>Wire/ACH Transfer Instructions</u></b></p> <p>Bank Name: Citibank N.A.          Account Name: Lowenstein Sandler LLP ABA          ABA/Routing Number: 021000089          Account Number: <span style="background-color: black; color: black;">XXXXXXXXXX</span>          SWIFT Code: CITIUS33</p>

**TIME DETAIL FOR MATTER 3 / Subpoena:**

<u>Date</u>	<u>Timekeeper</u>	<u>Hours</u>	<u>Time Narrative</u>
01/07/22	Schamel, Mark	N/C	Email with S. Tyrrell re: his representation of R. Joffe and scheduling a meeting (.1) NO CHARGE
01/10/22	Schamel, Mark	0.10	Email with M. McIntosh re: proffer meeting
01/11/22	Schamel, Mark	0.40	Emails and texts with client; emails with counsel for Alpha Bank
01/13/22	Jara, Ana L.	0.20	Confer with M. Schamel re: case updates and quashing subpoena
01/13/22	Schamel, Mark	1.90	Telephone call with S. Tyrrell counsel for R. Joffe; emails with client and Georgia Tech counsel; telephone call with A. Jara
01/14/22	Jara, Ana L.	1.50	Meet with Georgia Tech counsel, M. Schamel, and client over Zoom re: case updates, subpoena strategy, and next steps in litigation
01/14/22	Schamel, Mark	1.80	Meet with Georgia Tech counsel, A. Jara, and client over Zoom re: case updates, subpoena strategy, and next steps in litigation; emails with team re: to-do list
01/18/22	Jara, Ana L.	3.40	Attend meeting via Zoom with client and M. Schamel re: how to respond to attorney proffer questions from Plaintiffs
01/18/22	Schamel, Mark	4.40	Attend meeting via Zoom with client and A. Jara re: how to respond to attorney proffer questions from Plaintiffs; email with Plaintiff's counsel, local counsel and Georgia Tech counsel
01/19/22	Schamel, Mark	0.80	Telephone call with Georgia Tech counsel and client
01/20/22	Schamel, Mark	0.60	Email and telephone call with Georgia Tech counsel and client
01/21/22	Schamel, Mark	0.80	Emails with plaintiff counsel; telephone call with Georgia Tech counsel re: DARPA
01/24/22	Jara, Ana L.	3.40	Attend attorney proffer with civil litigation counsel for Alpha Bank; confer with M. Schamel and C. Schafbuch re: same; attend meeting with DARPA and Georgia Tech counsel re: response to civil subpoenas
01/24/22	Schafbuch, Christopher	2.90	Prepare for proffer with counsel for Alfa-Bank and attention to emails re: same; attend attorney proffer with civil litigation counsel for Alpha Bank; confer with M. Schamel and A. Jara re: same
01/24/22	Schamel, Mark	3.40	Attend attorney proffer with civil litigation counsel for Alpha Bank; confer with A. Jara and C. Schafbuch re: same; attend meeting with DARPA and General Counsel for Georgia Tech re: response to civil subpoenas

**TIMEKEEPER SUMMARY:**

<u>Timekeeper Name</u>	<u>Hours Billed</u>	<u>Rate</u>	<u>Bill Amount</u>
Schamel, Mark	14.20	\$770.00	\$10,934.00
Jara, Ana L.	8.50	485.00	4,122.50
Schafbuch, Christopher	2.90	450.00	1,305.00
<b>TOTAL ALL TIMEKEEPERS</b>	<b>25.60</b>		<b>\$16,361.50</b>

**THERE ARE NO DISBURSEMENTS FOR THIS MATTER**



Lowenstein Sandler LLP  
 New York Palo Alto New Jersey Utah Washington, DC  
 T: 973 597 2500 F: 973 597 2400  
 Tax ID # 46-0920520

VIA EMAIL: [manos@gatech.edu](mailto:manos@gatech.edu)

February 23, 2022

Invoice Number: 1037189  
 File No: 40637-3

Manos Antonakakis  
 Georgia Institute of Technology  
 North Avenue  
 Atlanta, GA 30332

**-REMITTANCE COPY-**

PROFESSIONAL FEES, DISBURSEMENTS AND OTHER CHARGES ARE COMPILED AS ENTERED ON OUR RECORDS THROUGH THE BILLING DATE BELOW.  
 PROFESSIONAL FEES, DISBURSEMENTS OR OTHER CHARGES POSTED SUBSEQUENT TO THAT DATE WILL BE REFLECTED IN FUTURE INVOICES.

For professional services rendered through January 31, 2022 in connection with Subpoena:

Counsel Fee	\$16,361.50
<b>Total This Invoice</b>	<u>\$16,361.50</u>

Payable on Receipt Please reference Account Number: 40637; Invoice Number: 1037189	
<p style="text-align: center;"><b><u>Check Payment</u></b></p> <p>Check Payable to:          Lowenstein Sandler LLP          One Lowenstein Drive          Roseland, New Jersey 07068</p>	<p style="text-align: center;"><b><u>Wire/ACH Transfer Instructions</u></b></p> <p>Bank Name: Citibank N.A.          Account Name: Lowenstein Sandler LLP ABA          ABA/Routing Number: 021000089          Account Number: <span style="background-color: black; color: black;">XXXXXXXXXX</span>          SWIFT Code: CITIUS33</p>





Lowenstein Sandler LLP  
 New York Palo Alto New Jersey Utah Washington, DC  
 T: 973 597 2500 F: 973 597 2400  
 Tax ID # 46-0920520

VIA EMAIL: [manos@gatech.edu](mailto:manos@gatech.edu)

March 23, 2022

Invoice Number: 1042429  
 File No: 40637-2

Manos Antonakakis  
 Georgia Institute of Technology  
 North Avenue  
 Atlanta, GA 30332

TO ENSURE PROPER CREDIT, PLEASE INCLUDE INVOICE NUMBER ON YOUR CHECK AND RETURN THE ENCLOSED REMITTANCE COPY OF THIS PAGE.  
 PROFESSIONAL FEES, DISBURSEMENTS AND OTHER CHARGES ARE COMPILED AS ENTERED ON OUR RECORDS THROUGH THE BILLING DATE BELOW.  
 PROFESSIONAL FEES, DISBURSEMENTS OR OTHER CHARGES POSTED SUBSEQUENT TO THAT DATE WILL BE REFLECTED IN FUTURE INVOICES.

For professional services rendered through February 28, 2022 in connection with Grand Jury Subpoena:

Counsel Fee	\$4,155.00
<b>Total This Invoice</b>	<u><u>\$4,155.00</u></u>

Payable on Receipt Please reference Account Number: 40637; Invoice Number: 1042429	
<b><u>Check Payment</u></b>  Check Payable to: Lowenstein Sandler LLP One Lowenstein Drive Roseland, New Jersey 07068	<b><u>Wire/ACH Transfer Instructions</u></b>  Bank Name: Citibank N.A. Account Name: Lowenstein Sandler LLP ABA ABA/Routing Number: 021000089 Account Number: <span style="background-color: black; color: black;">XXXXXXXXXX</span> SWIFT Code: CITIUS33

**TIME DETAIL FOR MATTER 2 / Grand Jury Subpoena:**

<u>Date</u>	<u>Timekeeper</u>	<u>Hours</u>	<u>Time Narrative</u>
02/03/22	Schamel, Mark	0.30	Email with DOJ re: communications with Sussmann's counsel
02/07/22	Schamel, Mark	0.60	Multiple emails with special counsel
02/08/22	Jara, Ana L.	0.40	Attend call with special counsel and prosecutor in Sussmann trial; confer with M. Schamel re: same
02/08/22	Schamel, Mark	0.40	Attend call with special counsel and prosecutor in Sussmann trial; confer with A. Jara re: same
02/14/22	Schamel, Mark	0.80	Review filings for Sussmann case, press, and emails with client
02/15/22	Schamel, Mark	0.80	Review articles and email with client re: same
02/18/22	Schamel, Mark	1.20	Email with client re: Sussmann filing; review Sussmann filings
02/23/22	Jara, Ana L.	0.50	Confer with C. Fuller re: Wall Street Journal questions; confer with M. Schamel re: same
02/24/22	Jara, Ana L.	1.50	Confer with M. Schamel and client via telephone re: Wall Street Journal questions; confer with C. Fuller and Georgia Tech's press person re: how to respond to questions

**TIMEKEEPER SUMMARY:**

<u>Timekeeper Name</u>	<u>Hours Billed</u>	<u>Rate</u>	<u>Bill Amount</u>
Schamel, Mark	4.10	\$750.00	\$3,075.00
Jara, Ana L.	2.40	450.00	1,080.00
<b>TOTAL ALL TIMEKEEPERS</b>	<b>6.50</b>		<b>\$4,155.00</b>

**THERE ARE NO DISBURSEMENTS FOR THIS MATTER**



Lowenstein Sandler LLP  
 New York Palo Alto New Jersey Utah Washington, DC  
 T: 973 597 2500 F: 973 597 2400  
 Tax ID # 46-0920520

VIA EMAIL: [manos@gatech.edu](mailto:manos@gatech.edu)

March 23, 2022

Invoice Number: 1042429  
 File No: 40637-2

Manos Antonakakis  
 Georgia Institute of Technology  
 North Avenue  
 Atlanta, GA 30332

**-REMITTANCE COPY-**

PROFESSIONAL FEES, DISBURSEMENTS AND OTHER CHARGES ARE COMPILED AS ENTERED ON OUR RECORDS THROUGH THE BILLING DATE BELOW.  
 PROFESSIONAL FEES, DISBURSEMENTS OR OTHER CHARGES POSTED SUBSEQUENT TO THAT DATE WILL BE REFLECTED IN FUTURE INVOICES.

For professional services rendered through February 28, 2022 in connection with Grand Jury Subpoena:

Counsel Fee	\$4,155.00
<b>Total This Invoice</b>	<u>\$4,155.00</u>

Payable on Receipt Please reference Account Number: 40637; Invoice Number: 1042429	
<b><u>Check Payment</u></b>	<b><u>Wire/ACH Transfer Instructions</u></b>
Check Payable to: Lowenstein Sandler LLP One Lowenstein Drive Roseland, New Jersey 07068	Bank Name: Citibank N.A. Account Name: Lowenstein Sandler LLP ABA ABA/Routing Number: 021000089 Account Number: <span style="background-color: black; color: black;">XXXXXXXXXX</span> SWIFT Code: CITIUS33



Lowenstein Sandler LLP  
 New York Palo Alto New Jersey Utah Washington, DC  
 T: 973 597 2500 F: 973 597 2400  
 Tax ID # 46-0920520

VIA EMAIL: [manos@gatech.edu](mailto:manos@gatech.edu)

March 23, 2022

Invoice Number: 1042432  
 File No: 40637-3

Manos Antonakakis  
 Georgia Institute of Technology  
 North Avenue  
 Atlanta, GA 30332

TO ENSURE PROPER CREDIT, PLEASE INCLUDE INVOICE NUMBER ON YOUR CHECK AND RETURN THE ENCLOSED REMITTANCE COPY OF THIS PAGE.  
 PROFESSIONAL FEES, DISBURSEMENTS AND OTHER CHARGES ARE COMPILED AS ENTERED ON OUR RECORDS THROUGH THE BILLING DATE BELOW.  
 PROFESSIONAL FEES, DISBURSEMENTS OR OTHER CHARGES POSTED SUBSEQUENT TO THAT DATE WILL BE REFLECTED IN FUTURE INVOICES.

For professional services rendered through February 28, 2022 in connection with Subpoena:

Counsel Fee	\$48.50
<b>Total This Invoice</b>	<b>\$48.50</b>

Payable on Receipt Please reference Account Number: 40637; Invoice Number: 1042432	
<p style="text-align: center;"><b><u>Check Payment</u></b></p> <p>Check Payable to:          Lowenstein Sandler LLP          One Lowenstein Drive          Roseland, New Jersey 07068</p>	<p style="text-align: center;"><b><u>Wire/ACH Transfer Instructions</u></b></p> <p>Bank Name: Citibank N.A.          Account Name: Lowenstein Sandler LLP ABA          ABA/Routing Number: 021000089          Account Number: <span style="background-color: black; color: black;">XXXXXXXXXX</span>          SWIFT Code: CITIUS33</p>

**TIME DETAIL FOR MATTER 3 / Subpoena:**

<u>Date</u>	<u>Timekeeper</u>	<u>Hours</u>	<u>Time Narrative</u>
02/02/22	Jara, Ana L.	0.10	Follow-up with M. Schamel re: Skadden meeting and meeting with client

**TIMEKEEPER SUMMARY:**

<u>Timekeeper Name</u>	<u>Hours Billed</u>	<u>Rate</u>	<u>Bill Amount</u>
Jara, Ana L.	0.10	\$485.00	\$48.50
<b>TOTAL ALL TIMEKEEPERS</b>	<b>0.10</b>		<b>\$48.50</b>

**THERE ARE NO DISBURSEMENTS FOR THIS MATTER**



Lowenstein Sandler LLP  
 New York Palo Alto New Jersey Utah Washington, DC  
 T: 973 597 2500 F: 973 597 2400  
 Tax ID # 46-0920520

VIA EMAIL: [manos@gatech.edu](mailto:manos@gatech.edu)

March 23, 2022

Invoice Number: 1042432  
 File No: 40637-3

Manos Antonakakis  
 Georgia Institute of Technology  
 North Avenue  
 Atlanta, GA 30332

**-REMITTANCE COPY-**

PROFESSIONAL FEES, DISBURSEMENTS AND OTHER CHARGES ARE COMPILED AS ENTERED ON OUR RECORDS THROUGH THE BILLING DATE BELOW.  
 PROFESSIONAL FEES, DISBURSEMENTS OR OTHER CHARGES POSTED SUBSEQUENT TO THAT DATE WILL BE REFLECTED IN FUTURE INVOICES.

For professional services rendered through February 28, 2022 in connection with Subpoena:

Counsel Fee	\$48.50
<b>Total This Invoice</b>	<b>\$48.50</b>

Payable on Receipt Please reference Account Number: 40637; Invoice Number: 1042432	
<p style="text-align: center;"><b><u>Check Payment</u></b></p> <p>Check Payable to:          Lowenstein Sandler LLP          One Lowenstein Drive          Roseland, New Jersey 07068</p>	<p style="text-align: center;"><b><u>Wire/ACH Transfer Instructions</u></b></p> <p>Bank Name: Citibank N.A.          Account Name: Lowenstein Sandler LLP ABA          ABA/Routing Number: 021000089          Account Number: [REDACTED]          SWIFT Code: CITIUS33</p>

**INVOICE**

February 28, 2022

Christian Fuller, Esq.  
Senior Counsel, Employment & Litigation  
Georgia Institute of Technology  
Office of Legal Affairs  
760 Spring Street NW, Suite 324  
Atlanta, Georgia 30332-0495

**INVOICE NO. GCR-GT-021-003**

Invoice for legal services rendered for the period November 1, 2021 through February 28, 2022.

**FEES**

<b>Date</b>	<b>Personnel</b>	<b>Description</b>	<b>Hours</b>
11/1/21	Westby	Review emails from joint counsel; edit letter; review emails from D. Dagon; draft transmittal letter to FL; revise letter to FL; review email from EFF; review email from joint counsel; review order on hearing for time extension; email joint counsel; finalize letter and send final version to joint counsel; email C. Fuller re t/c	3.0
11/1/21	Rasch	Joint defense call re civil case Alfa Bank; respond to FL motion for continuance	1.6
11/2/21	Westby	Review emails from joint counsel; Finalize letter to FL; t/calls w/ joint counsel; t/c w/ M. Rasch re filing letter; send letter to FL judge; review finalized answers to Alfa Qs; email answers to Skadden;	1.8
11/2/21	Rasch	Prepare letter to FL Court Re Extension; Prepare FL Deposition answers t/call w J Westby	1.4
11/10/21	Rasch	Tel call w joint defense US v Sussman, research data integrity and third party	0.8
11/15/21	Rasch	Research Re: post immunity privilege in civil depositions	1.1
11/23/21	Rasch	Joint defense conf call, Review Alfa Bank litigation in DC/ME	1.0
12/30/21	Westby	Review email from Andrew DeF & reply; t/c/ w/ M. Rasch re same; t/c w/ D. Dagon	.5
12/30/21	Rasch	Tel Call J Westby, David Dagon	0.5

<b>Date</b>	<b>Personnel</b>	<b>Description</b>	<b>Hours</b>
12/31/21	Westby	Emails to joint defense; t/c w/ D. Dagon	1.0
12/31/21	Rasch	Common interest call	1.0
1/2/22	Rasch	Common interest tel call	0.7
1/5/22	Westby	T/c w/ DeF; t/c w/ M. Rasch re same	.5
1/5/22	Rasch	Tel call w A. DeF/ J. Westby	0.5
1/6/22	Westby	T/c w/ joint defense counsel; review email & docs from joint defense counsel; review In re Sealed Motion case	3.8
1/6/22	Rasch	Tel cal -common interest, research grand jury secrecy issue	3.0
1/7/22	Westby	T/c w/ joint defense counsel	1.0
1/7/22	Rasch	Common interest call	1.0
1/9/22	Westby	Review doc from joint defense counsel; review file	1.5
1/9/22	Rasch	Common interest call	1.0
1/11/22	Westby	Review doc from FBI; T/c w/ Dagon	1.5
1/11/22	Rasch	Common interest call; call w J Westby; tel cal Dagon	1.4
1/12/22	Westby	T/c w/ joint defense	.5
1/13/22	Westby	T/c w/ joint defense; review file & doc production	2.0
1/13/22	Rasch	Common interest call, review discovery documents, protective order	1.2
1/18/22	Westby	T/c w/ joint defense counsel	1.2
1/18/22	Rasch	Zoom call - common interest	1.2
1/20/22	Westby	Review emails from joint defense counsel; reply	.4
1/24/22	Westby	T/c w/ joint defense counsel; comms w/ client; review email from Skadden re Alfa depo; t/c w/ M. Rasch to discuss Skadden email	2.0
1/24/22	Rasch	Common interest call - review Alfa Bank demand for deposition, privilege issue post immunity	2.5
1/27/22	Westby	Review email from Alfa re depo & reply	.2
1/31/22	Rasch	Review GT documents found online, review US v Sussman discovery pleadings	1.0
2/2/22	Rasch	Tel call J Westby, D Dagon, respond to pleading US v. Sussman by DeF	0.8
2/2/22	Westby	Review email from DeF & reply; forward to client; t/c w/ M. Rasch	.5
2/12/22	Westby	Review email from joint counsel; review motion by DeF; t/c w/ M. Rasch	1.0
2/12/22	Rasch	Tel call w J. Westby, common defense email review	0.8
2/13/22	Westby	T/c w/ joint counsel (2); t/c w/ client; review doc from client; prepare talking points	4.5
2/13/22	Rasch	Common defense calls; call w D Dagon, confirm DNS and other records	3.2
2/14/22	Westby	T/c w/ joint counsel (2); review documents from client; prepare talking points; review email from joint counsel; review filing by joint counsel;	4.5
2/14/22	Rasch	Review documents re US v Sussman pleading, prepare response to DeF arguments	3.0
2/15/22	Westby	T/c w/ joint counsel; email joint counsel	1.0



<b>Date</b>	<b>Personnel</b>	<b>Description</b>	<b>Hours</b>
2/15/22	Rasch	Common defense Zoom call, emails, strategy meeting Re DiF	1.5
2/17/22	Westby	T/c w/ C. Soghoian; t/c w/ M. Rasch; review motion to dismiss;	2.0
2/17/22	Rasch	Tel Call, J. Westby. US v. Sussman motion to dismiss, Tel call w Senate Staff RE DNS privacy	1.2
2/18/22	Rasch	Common defense calls	1.1
2/18/22	Westby	T/c w/ joint counsel re DNS/EOP;	1.0
2/23/22	Rasch	Tel Calls research and purpose of data collection, EOP DNS and internal/External	1.8
<b>TOTAL</b>			<b>69.7</b>

**Current Balance: 69.7 hours @ \$350/hour = \$ 24,395.00**

**Prior Balance: 143.9 hours @ \$350/hour = \$ 50,365.00**

**Prior Balance: 938 hours @ \$350/hour= \$328,300.00**

**TOTAL FEES DUE @ \$350/hour = \$403,060.00**

**Total Hours To Date: 1151.60 hours @ \$395/hour = \$454,882.00**  
**Per retainer**

**AMOUNT DISCOUNTED from \$395/hour = \$ 51,822.00**

**Please remit payment by wire or ACH transfer to:**

**Global Cyber Legal LLC**  
**ABA Routing # 121000248**  
**ACH # [REDACTED]**  
**Acct # [REDACTED]**

**Thank you!**

**From:** Jothan Frakes<jothan@jothan.com>  
**Sent on:** Thursday, February 22, 2018 7:30:10 PM  
**To:** manos@gatech.edu  
**Subject:** Activedns project and domainz letter

Hi Manos

Great to meet you at M3AAWG

Milton Mueller is a good friend who is a professor there.

I wanted to find a link to the domainz but could not find it on your lab.

I spoke also with Panos and after talking bwith you both I wanted to enroll in the activedns project and see if there are some holes in the data that I might be able to refer resources or aid you in filling.

Keep doing great things!

-Jothan

From: DLMKT <dlmkt@mg.demand-led.org>  
Sent on: Thursday, November 7, 2019 9:38:08 AM  
To: Manos Tentzeris <manos@gatech.edu>  
Subject: Advancing Phosphorescent OLED Technology

Dear Manos Tentzeris

Featured Speaker□

"Advancing Phosphorescent OLED Technology"  
Dr. Michael Hack  
Vice-President of Business Development, Universal Display Corporation

About ET 2020

Since the great success for years, DEMAND-LED and global authoritative co-organizers are inviting all experts, decision-makers, and marketers all over the world to Emerging Technologies 2020 which will be held on January 14th ~15th, 2020 in Shanghai, China.

The conference is composed of four tracks: "5th Flexible Electronics World", "9th China International OLEDs Summit", "5th China International Quantum Dots & Micro-LED Summit", and "3rd HMI World - Tactile Internet".

Please view the presentations 2019 online at <https://ema.dlmkt.com/index.php/campaigns/vg554snsmp213/track-url/yr265vs1gr35c/674be3533a1134c0b6800a6ff4f314687494c278>

Moreover, we open the exhibition hall online for Emerging Technologies 2020 at <https://ema.dlmkt.com/index.php/campaigns/vg554snsmp213/track-url/yr265vs1gr35c/217237c26b5cf850cc0e7c6b7b3990bb2cf1c9f6>

Any further concerns, please feel free to get in touch with me!

Best regards,

Kitty Zhou  
Organizing committee of Emerging Technologies 2020  
Call me at +86 15800309746  
Email us at kittyz@demand-led.com  
DEMAND-LED MANAGEMENT CONSULTING LTD.

Buiding F, No. 88, Zhongshan East 2nd Rd Shanghai Shanghai 200000 China

Shanghai 200000

China

<http://www.demand-led.com/>,  
<https://ema.dlmkt.com/index.php/lists/nc632cf5xj1da/unsubscribe/yr265vs1gr35c/vg554snsmp213>

<br>  
<p><a href="http://email.mg.demand-led.org/u/eJxVi0uOwyAQBU8DuyBoPoYFC0-Sc4xw0yGWghOBHWluH7KcTUIVei\_HMMIAnq8RpApKyaHaSy-UmKO5u6ubnfEXYwCYkbWITDvt-fSgUj6t8HtU0qNViJS0JrhZjdo7TyHc3KIIot7ieDz7uJe0E94F5YPvkcHMK-0ppz1FNv0wAEz1lday\_R5rHsr0PPgu1pq-9VcFpb8VzoP9WDq2daH2b\_zXwNI3V6Vpi986XT4Uj0EY">unsubscribe</a></p>

**From:** Georgia Tech Daily Digest<dailydigest@gatech.edu>  
**Sent on:** Thursday, March 28, 2019 4:52:38 PM  
**To:** dailydigest@lists.gatech.edu  
**Subject:** An Age of Empowerment; SGA Elections; Scheller Diversity

Having trouble viewing this email? [View it in your browser.](#)



Thursday, March 28

## Upcoming Events

### Adulting: Eating on a Budget

**Friday, March 29**  
10 – 11:30 a.m.  
Piedmont Room,  
Student Center

### Grand Cyber Questions and How They Impact Cyber Startups

**Friday, March 29**  
Noon – 1 p.m.  
Rooms 1116 East and West, Klaus  
Advanced Computing Building

### Softball vs. Duke

**Friday, March 29**  
4 p.m.  
Shirley Clements  
Mewborn Field

### Maya Kodes: The Virtual Singer

**Friday, March 29**  
8 – 10 p.m.  
Ferst Center for the Arts

## An Age of Empowerment: Meet Aileen Morales

There's no place like home for this former Yellow Jacket softball standout who's now the head coach.

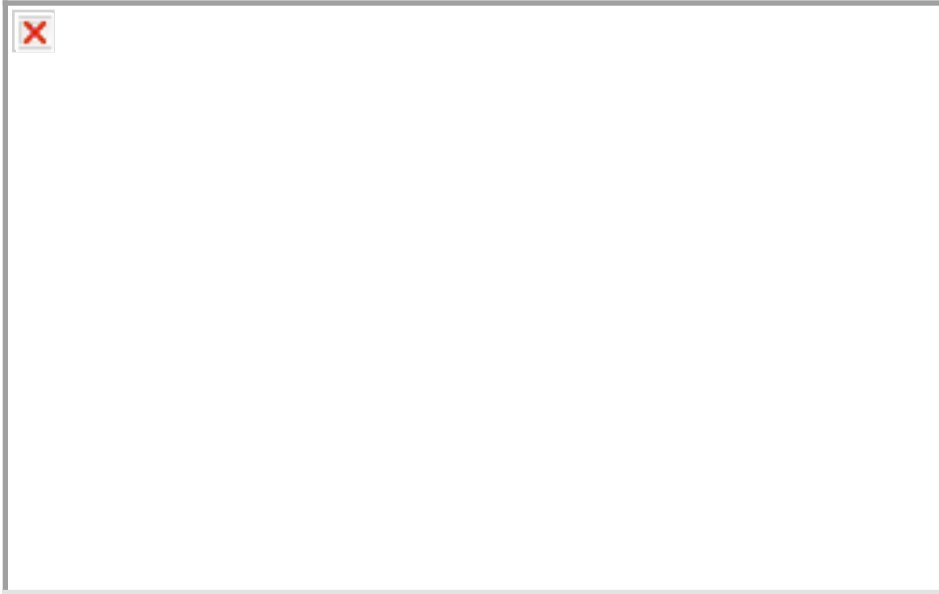
[Full Story](#)

## Cast Your Vote in SGA Elections This Week

Both undergraduate and graduate students have an opportunity to elect student leadership for the 2019–20 academic year.

[Full Story](#)





---

## Exploration and Origins Colloquium

**Friday, March 29**

Room 1005, Krone Engineered Biosystems Building

---

## DanceTech Spring Showcase

**Sunday, March 31**

7 – 9 p.m.

Ferst Center for the Arts

---

## Scheller Cited for Diversity Efforts

*U.S. News & World Report* highlights how the Scheller College of Business incorporates diversity initiatives into its program, such as a lesson on the neurochemistry of unconscious bias during MBA orientation.

[Full Story](#)

---

## Advancing Gender Equity Across the Solar System

**Tuesday, April 2**

4 – 5 p.m.

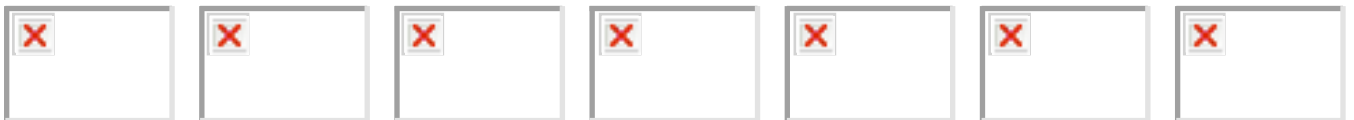
Clary Theatre, Bill Moore Student Success Center

---

[More Events](#)

---

[Georgia Tech](#)  [News Center](#)  [Archive](#)  [Suggest A Feature](#)



---

**This email was sent to [manos@gatech.edu](mailto:manos@gatech.edu)**

To stop receiving these emails, please [use our unsubscribe form](#).

Make sure to unsubscribe using the email address that this message was sent to ([manos@gatech.edu](mailto:manos@gatech.edu)).

Trouble unsubscribing? [View unsubscribe instructions](#).

Georgia Institute of Technology  
Institute Communications  
177 North Avenue  
Atlanta, GA 30332  
Phone: 404.894.0870  
[comm.gatech.edu](http://comm.gatech.edu)

**From:** Antonakakis, Manos<manos@gatech.edu>

**Sent on:** Friday, September 10, 2021 3:51:33 PM

**To:** McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>

**Subject:** As the dust slowly settles

Hey Steve and Chaouki,

As the dust slowly settles, and everybody gets a very clear picture of this situation we will need to think about how we move forward.

In meetings I had with both of you, and as I originally identified with this email, we need to come up with a plan that describes how this research can continue in GT yet eliminate as much of the fly-by risk from all parties involved. From what took place over the last two months one thing is clear in my mind; I cannot keep doing things the way we have been doing them at GT. I love GT dearly, I have made numerous personal and financial sacrifices for GT, but the risk is simply too high for me. As Chaouki also acknowledged in one of our recent meetings, the risk is getting too high for GT as well. Not because we are doing something illegal --- it is just the nature of the attribution research our team is engaged in.

In my mind I see a single realistic path forward. The riskiest components of this entire research area (namely; commercial data acquisition and data access) will have to be moved outside GT with the explicit blessing of GT. Decoupling certain research areas from top schools has been done before with great success (i.e., look at what UCB did with ICSI). In our case, we simply have to take advantage of the EA transition vehicle and technology spinoff from GT that we have set up already; VLI.

VLI as you very well know is Angelos' and mine technology spinoff so we have to manage all possible COI with great caution. But I do not think this is a showstopper.

But again, at the end of the day, VLI MUST hold the bulk of data already (and inevitably the bulk of the risk) already because it has been set up to serve the operational needs of DoD when it comes to the EA technology. In my mind, it makes no sense to duplicate this risk in GT. So the million dollar question is the following: How can we keep the risk contained at VLI while enabling more research in GT?

Do we need a blanket COI about how people can work with VLI's data in GT? How can GT and VLI jointly bid on proposals as primes --- so we can keep paying the GRAs in GT and at the same time have experts in the field manage the risk and the operational aspects of the technology transition at VLI? How can we create the proper dynamic between VLI and GT where GT remains the leading research unit in this space and GT clearly acknowledges VLI as the de facto transition vehicle for this research? How can the IP created in GT, by GT researchers yet with data that VLI holds can then be licensed by VLI or the inventor of the technology without throwing VLI's interest under the bus (from a technology and competition point of view)?

We are probably breaking new grounds here and I am not sure if and how any of these are even possible. That being said, I do think that this is a well worth problem spending some time thinking about.

I do not want to give up GT, I do not want to allow a politically motivated body of the DoJ to take away a research area from GT --- a research area that was created by people in this email thread. That is simply unAmerican. But, I cannot be blind and ignorant anymore about what happened the last two months and what will almost certainly happen again in the years to come as political tensions rise.

To that end I would like to set up a meeting as early as possible with all of you to discuss what is possible and what is not. If a mutually beneficial solution that reduces or at least significantly manages the risk for all parties involved can be identified, we should then loop in legal or anyone else necessary to start writing things down in a MoU.

Gentlemen, as I have said before, this is a research area Angelos and I created. We cannot simply walk away from it. Thanks, Manos

---

**From:** "Nie, Ling-Ling" <linglingnie@gatech.edu>

**Date:** Saturday, July 24, 2021 at 11:32 AM

**To:** "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thank you for your thoughtful email. I know these last few weeks have been a whirlwind. I will ask my assistant to reach out on Monday to schedule time for all of us to talk further.

Ling-Ling

---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Saturday, July 24, 2021 10:50 AM

**To:** McLaughlin, Steven W; Abdallah, Chaouki T; Nie, Ling-Ling

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hey Steve, Chaouki and Ling-Ling,

Hope you are doing great.

I have not been bothering you about this because I have been told by Christian (who is an absolute Rock star!) that Ling-Ling (or someone in her team) has been communicating to you what is going on with this situation.

This email is not about me explaining to you that I have done nothing wrong. I suspect that now that Christian has all the information he needs he can independently arrive at that conclusion and communicate what needs to be communicated to you.

This email is about the key question, "And now what?"

From where I stand, and for the first time in my life I felt that I am being investigated by law enforcement because of my ideas and the work I have done for the USG/DoD. For the first time since the moment I landed in Dulles international airport on October 1st of 2004, I had a serious discussion with my wife about moving back to Greece. Most importantly, however, I brought unnecessary attention from the DoJ in my working environment. This besides potentially hurting my reputation within GT (even if it is from an optics point of view) it also personally disappoints me greatly, because as a GT PhD student (2006-2012) and now as a faculty (2014-now) I always had as a goal to bring good news, recognition and success to GT --- and certainly not the attention of a special council.

If I make an attempt to come in your shoes, it would be absolutely reasonable for all of you to have questions about the risk that my research (and perhaps even myself) could bring to the Institute in the future. Therefore, when the dust settles I would like to have a discussion with all of you about the following two key open questions:

1. First and foremost, how do you feel about my actions now that GT legal has a plethora of my emails and after I spent countless hours explaining to everyone why I did what I did at the time I did it? If you think I did something unethical (not necessarily illegal) I will work with GT to smoothly (see running projects, students, SOW deliverables, etc.) or otherwise transition out. You have my word on this.
2. Big data analysis and machine learning for attack attribution is the future. After all these events with this politically driven inquisition, I need to see if there is a place where I can keep working on this research space that I invented over the last 5 years through my work in EA. What I would like to know is how GT upper management and legal feels about my line of research after all these events? Is GT a place that would welcome more innovation in this space, or this is simply not your (read is as GT's) cup of tea anymore?

Finally, I will leave you with an anecdote and a thought. During one of my interviews with the Special Counsel prosecutor, I was asked point blank by Mr. DeFilippis, "Do you believe that DARPA should be instructing you to investigate the origins of a hacker (Guccifer\_2.0) that hacked a political entity (DNC)?" Let that sync for a moment, folks. Someone hacked a political party (DNC, in this case), in the middle of an election year (2016), and the lead investigator of DoJ's special council would question whether US researchers working for DARPA should conduct investigations in this matter is "acceptable"! While I was tempted to say back to him "What if this hacker hacked GOP? Would you want me to investigate him then?", I kept my cool and I told him that this is a question for DARPA's director, and not for me to answer.

Steve, Chaouki and Ling-Ling; please, try to imagine a "United States of America" where investigations and prosecutions are determined by ideas and political beliefs. This has been tried before in human history and the results of it was forced labor and Gulags.

Folks, I strongly believe we will need this type of research and much more innovation in this space to preserve our democracy. This is factually true for a single yet fundamental reason: data driven scientific attribution is unbiased politically. Data belongs to no political party. Our nation's adversaries will keep attacking our country --- I am certain of this because their attacks simply work and are tremendously impactful to our society.

Thank you and have a great weekend.

PS. I am writing this email on a weekend because this is my first downtime since July 2<sup>nd</sup> when I received the subpoena.

Thanks, Manos

---

**From:** "Nie, Ling-Ling" <linglingnie@gatech.edu>

**Date:** Friday, July 2, 2021 at 7:50 PM

**To:** "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "Wasch, Kate" <kate.wasch@legal.gatech.edu>, "Lunon, Darryl" <dl91@gatech.edu>

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thanks for forwarding. I'm copying Kate's correct email address and adding Darryl. We will confer internally

and come back to you early next week as there are some people who are out of the office for the holiday weekend that we will need to loop in.

---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Friday, July 2, 2021 2:39 PM

**To:** McLaughlin, Steven W; Abdallah, Chaouki T; kate.wesch@legal.gatech.edu; Nie, Ling-Ling

**Subject:** Fw: FGJ Subpoena for Manos Antonakakis

Hey Steve/Chaouki/Kate/Ling-Ling,

Hope you are doing great! Evidently I need to appear in front of a Grand Jury on July 15th. Any idea if I should talk with GT counsel before or if anyone from GT should be with me in this testimony?

This is a first for me so I am not sure what to do next.

Thanks, Manos

---

**From:** Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>

**Sent:** Friday, July 2, 2021 4:28 PM

**To:** Antonakakis, Manos

**Cc:** kate.wesch@legal.gatech.edu; Fuhrman, Tim (JMD)

**Subject:** FGJ Subpoena for Manos Antonakakis

Dear Mr. Antonakakis - This is Jack Eckenrode, an Investigator with the US Justice Department. Together with my colleague Tim Fuhrman, copied here, with whom you may have had previous contact, we are attaching a federal grand jury subpoena seeking your testimony in Washington, DC on July 15, 2021 at 1:00pm. You should feel free to contact either one of us in the event that you have any questions related to the subpoena or your appearance.

Also copied for her awareness is Kate Wasch, legal counsel from Georgia Tech.



**From:** Mueller, Milton L<milton@gatech.edu>  
**Sent on:** Thursday, October 5, 2017 10:14:25 PM  
**To:** Farrell, Michael D<Michael.Farrell@gtri.gatech.edu>  
**CC:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Attribution research conversations  
**Attachments:** Authoritative attribution as an institutional problem.pptx (726.19 KB)

Michael, Manos

I would like to set up a time next week to discuss the initiative we are taking in the institutional aspects of international attribution.

I would like to see if some kind of a joint proposal or cooperative interdisciplinary effort is possible. If you need background on my ideas in this area, you can take a look at my Cybersecurity Seminar Lecture <https://smartech.gatech.edu/handle/1853/58791> or run through the attached slide set.

Late next week would work well for me, especially Wednesday afternoon or Friday.

Dr. Milton Mueller

Professor, School of Public Policy

Georgia Institute of Technology



**From:** Hughes, Nolan E. (WF) (FBI)<nhughes@fbi.gov>

**Sent on:** Monday, November 5, 2018 10:00:51 PM

**To:** Antonakakis, Manos<manos@gatech.edu>

**Subject:** Automatic reply: EA-AFOSI Hack a Thon

I am out of the office until 11/8/2018 with limited access to this e-mail account. For assistance before then, please contact the Washington Field Office at (202)278-2000.

**From:** Gutierrez, Alexis<alex.gutierrez@pts.gatech.edu>  
**Sent on:** Monday, January 6, 2020 4:44:38 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Basketball Parking Instructions: Jan. 8, 2020

**BasketballParking Instructions**  
**Georgia Tech vs. Duke**  
**Wednesday, January 8, 2020**  
**Tip-off: 9:00 p.m.**

**Go Jackets! Beat the Blue Devils!**

On behalf of the Institute and the Georgia Tech Athletic Association, we thank you in advance for your cooperation in hosting this campus event. Please do your part to provide parking spaces for our off-campus fans and guests by adhering to the following gameday parking instructions:

**Please move your vehicles from the following lots/streets by 5:00 p.m. on Wednesday, January 8:**

- E63
  
- E65 (all areas)
  
- ER55 (specifically both sides of Fowler from 10th to 6th Streets only)
  
- 8<sup>th</sup> Street Meters

**This includes all Facilities and ROTC campus and government vehicles.**

*Please note: Unfortunately, vehicles remaining in the aforementioned areas after the deadline will be relocated at the owner's expense. No parking zones, fire lanes and landscaping must be kept clear of vehicles at all times.*

**ER66- Family Housing/10th and Home, E40- Klaus Deck and W23- North Deck/State St.** do not have to be cleared but will be impacted by basketball visitor parking. Congestion is expected.

#### **ALTERNATE PARKING LOTS**

To accommodate Georgia Tech permit patrons on gameday, customers may move their vehicles to the following areas starting Wednesday, January 8 at any time:

- ER66 (Family Housing/10<sup>th</sup> and Home) – gate access for ER66 will be added to your BuzzCards or carpool permit
  
- Any ungated, non-residential parking area (E or W zones)

Note: E44, ER51 and W06-Habersham/781 Marietta St. are no longer an alternate parking areas  
*Customers may return to their assigned parking areas one hour after the game ends.*

NOTE: Vehicles that have been temporarily relocated to alternate parking lots must be returned to assigned areas by 8:00 a.m. on Thursday, January 9. Vehicles that remain in the alternate parking zones after the above stated time and date will be subject to citation.

Thank you for your cooperation and GO JACKETS!

Parking and Transportation Services  
[www.pts.gatech.edu](http://www.pts.gatech.edu)  
(404) 385-PARK  
(404) 385-RIDE

**From:** Thermo Scientific<analyze@thermofisher.com>

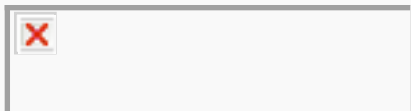
**Sent on:** Wednesday, April 22, 2020 3:09:47 PM

**To:** manos@gatech.edu

**Subject:** Be the “we” in webinars! Attend our Lab Hacks events in May.



Having trouble viewing this email? [View as Web page](#)



## Lab Hacks 2020 webinars

**Lab hack** [*lab hak*] *noun*: A trick, shortcut, skill, or method that improves lab productivity and efficiency.

Attend our convenient and educational webinars during the weeks of May 18 and May 25 and learn new ways to streamline analytical workflows. We will discuss GC, LC, IC, and elemental analysis (ICP-MS, ICP-OES, AA) solutions and applications.

### Attendees will learn about two exciting new products!

- The revolutionary Thermo Scientific iCAP PRO Series ICP-OES
- The innovative Thermo Scientific Vanquish Core HPLC System

If you can't make it to the webinars of interest to you, register anyway and you can then access them on demand at your convenience.

### Topics will include these and more:

#### Chromatography

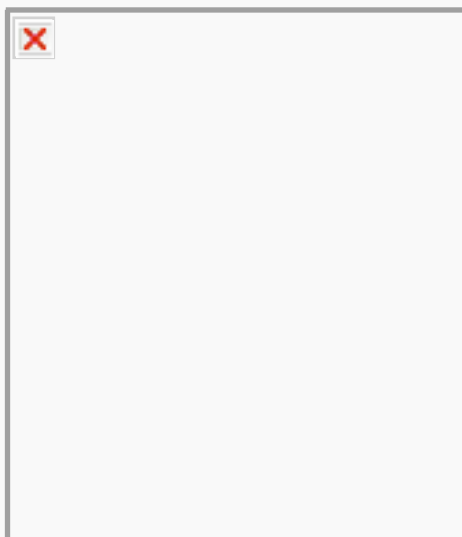
- Chromatography data system software tips and tricks
- Revolutionizing chromatography with the Thermo Scientific Vanquish HPLC and UHPLC systems
- Choosing the right GC-MS system to meet your analytical challenges
- Improving PFAS analysis in drinking water using automated solid phase extraction
- Use diversity in HPLC column chemistries to your advantage

#### Elemental analysis

- Introducing the new Thermo Scientific iCAP PRO Series ICP-OES: The next level of speed, performance, and productivity
- iCAP PRO Series ICP-OES instrument and software demo
- Perform your ICP-OES analysis like a Pro with optimized methods to overcome real industry challenges
- Champion your ICP-MS analysis with tips, tricks and innovations for routine and advanced applications

---

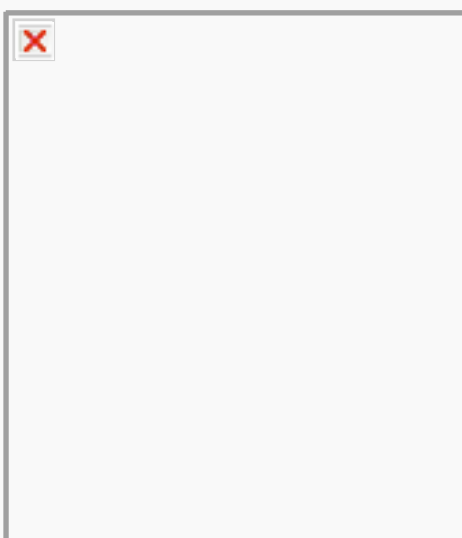
## Learn about these products



### Discover the new iCAP PRO Series ICP-OES

- Run more samples with faster analysis speed
- Save bench space with the industry's smallest footprint
- Handle the most difficult samples with enhanced robustness

[Learn more >](#)



### Introducing the new Vanquish Core HPLC System

- System health checks and guided diagnostics improve productivity
- Seamless method transfer
- Operator empowerment
- Controlled by all major CDS software platforms

[Learn more >](#)



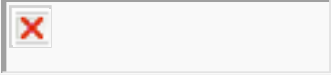
© 2020 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified. We hereby disclose that this email communication is for commercial purposes.

View our [privacy policy](#) and [trademarks](#).

[Unsubscribe](#) from receiving emails from Thermo Fisher Scientific.

**Thermo Fisher Scientific**

168 Third Avenue  
Waltham, MA 02451  
United States  
[thermofisher.com](http://thermofisher.com)



**From:** Angelos D. Keromytis [REDACTED] >  
**Sent on:** Tuesday, April 16, 2019 5:29:31 PM  
**To:** Manos Antonakakis <manos@gatech.edu>  
**Subject:** Ben Radford's talk info (just FYI, you'll probably be away)  
**Attachments:** signature.asc (499 Bytes)

**Title:**

Machine Learning Approaches for Cybersecurity Incident Measurement

**Abstract:**

The proliferation of advanced threat actors in cyberspace has left cybersecurity practitioners, engineers, and social scientists struggling to stay ahead of a phenomenon that is reshaping political conflict. The timely detection and attribution of these incidents is necessary to understand the threat environment, the actors therein, and the capabilities and objectives of those actors. Better attribution, along with more precise measurement of cybersecurity events in general, will not only lead to better legal and policy outcomes but also to an understanding of how political conflict occurs in a cyber-connected world.

In this talk, Dr. Radford will discuss his research that applies machine learning to assist analysts with incident discovery and response. The talk will also explore the state of cybersecurity data available for quantitative social science research, the importance of having such data, and the challenges of acquiring it. Finally, Dr. Radford will introduce a machine learning-based method for quickly producing structured event data on cybersecurity incidents for use in social science applications.

**Bio:**

Benjamin J. Radford studies political conflict, cybersecurity, and the application of machine learning to problems in these domains. Dr. Radford has worked on several research programs for the United States Government including projects at DARPA and the Office of Naval Research. In addition to his work on conflict forecasting, civil war, and political event data, he has worked as a principal data scientist on efforts for cybersecurity incident detection and as principal investigator for a government-funded cybersecurity attribution program. His research has been published in the "Journal of Conflict Resolution" and "Political Science Research and Methods", among other venues. Dr. Radford received his PhD in political science from Duke University and he is currently the President and Chief Scientist of LevelUp Research.

**From:** Costco Wholesale<Costco@online.costco.com>

**Sent on:** Sunday, April 25, 2021 3:22:15 PM

**To:** manos@gatech.edu

**Subject:** Big Savings on Big Items! Shop Savings on Costco's Biggest Items, Delivered!

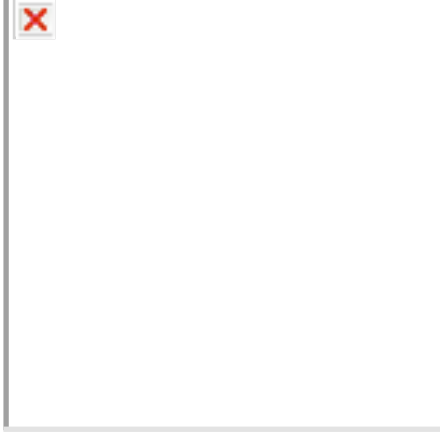
\$100 OFF Louisiana Pellet Grill, \$300 OFF Lumina Wall Bed, \$160 OFF SafeRacks Garage Storage.

[View this email with images.](#)

---



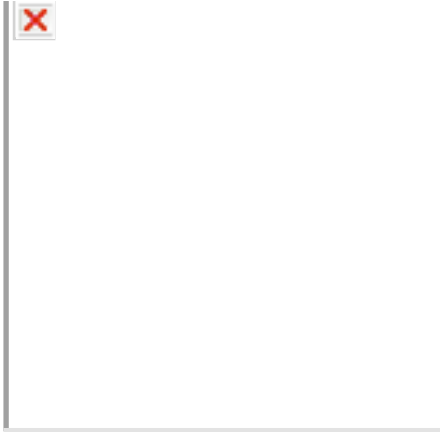




Green Mountain Grills Jim Bowie  
Prime Plus  
Wi-Fi Pellet Grill

KitchenAid Stone Island 9-Burner  
Grill  
**\$2,999.99 Delivered**

Loui



Fire Sense Patio Heater  
**\$139.99 Delivered**

Stainless Steel Patio Heater  
**\$199.99 Delivered**



H2OGO! Underwater Oasis Spray  
Pool  
**\$39.99 Delivered**

Pine Grove 10' Swing Set  
**\$549.99 Delivered**

Ced



Amaryllis Bulbs  
**Starting at \$26.99 Delivered**

**Starts Today, 4/25/21!**  
 Bareroot Shrub Rose Double Red  
 Knockout Bush, 2-Pack  
**\$26.99 Delivered**  
**After \$8 OFF**

Blo  
 P



Rizzo Heights Leather Power  
 Reclining Sectional with Power  
 Headrests  
**\$1,499.99 Delivered**  
**After \$400 OFF**

Penelope Fabric Sectional with  
 Ottoman  
**\$1,399.99 Delivered**

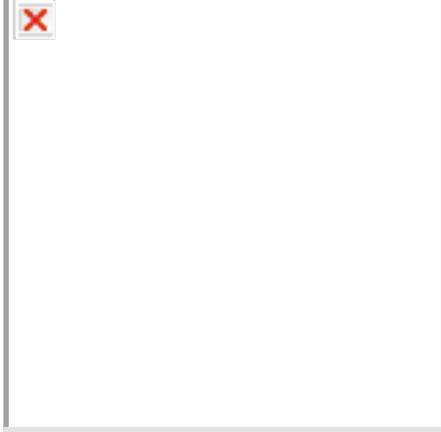
La



Stefan 9-Piece Counter Height  
 Dining Set  
**\$1,199.99 Delivered**

Thomasville Callan 9-Piece Dining  
 Set  
**\$1,299.99 Delivered**

Jor



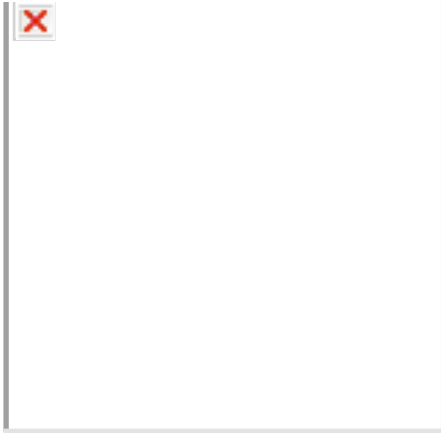
Mendocino Nightstand  
**\$369.99 Delivered**



Lumina Queen Wall Bed, White  
**\$1,149.99 Delivered**  
**After \$300 OFF**



Make  
**Sta**



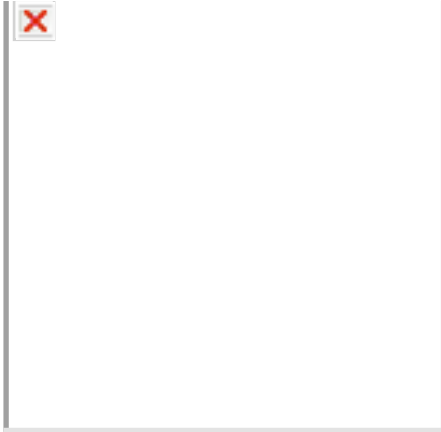
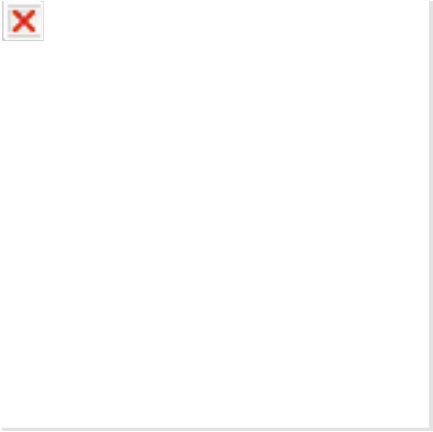
Novaform 14" Comfort Grande Plus  
 Memory Foam Mattress, Medium  
**\$70 - \$120 OFF**



Sealy Posturepedic 13" Mount  
 Auburn Medium Mattress  
**\$639.99 Delivered**  
**After \$160 OFF**



Mole



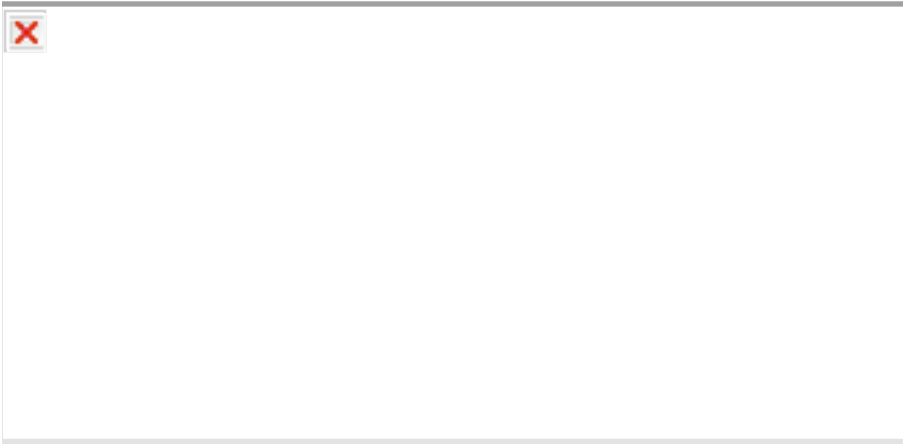
Whalen Industrial Rack, 77" x 24" x  
 72"  
**\$229.99 Delivered**



Waterpik Body Wand Spa Shower  
 Head System with Anywhere  
 Bracket  
**\$39.99 Delivered**  
**After \$10 OFF**



Kohle



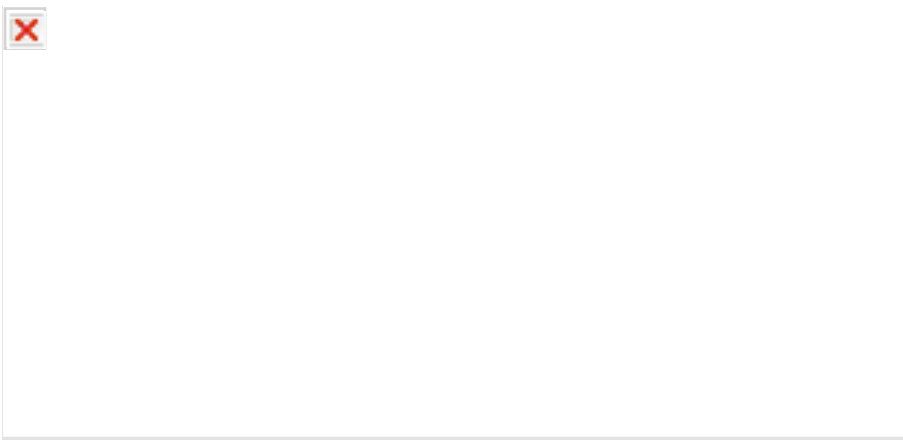
SafeRacks Overhead Garage Storage Combo Kit

**\$239.99 Delivered**  
**After \$160 OFF**



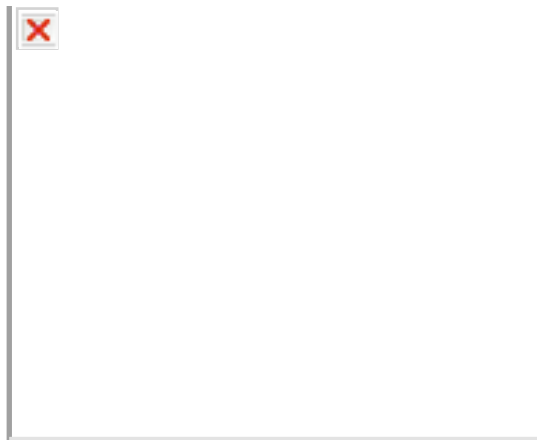
TRINITY 43" x 25" 11-Drawer Stair

**\$999.99 Delivered**  
**After \$200 OFF**



Greenworks 2000 PSI Electric Pressure Washer

**\$149.99 Delivered**  
**After \$50 OFF**



Custom Assembled Outdoor Cabinet



Steel Vision Tools

**Starting at \$14.99 Delivered**



Atomi LED Orb Light,

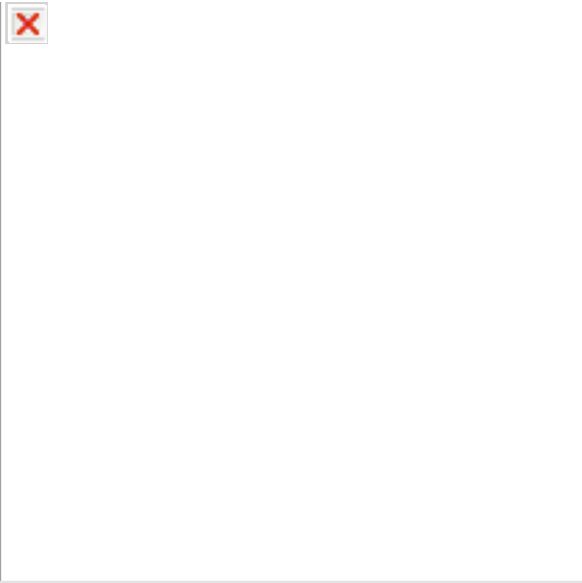
**\$99.99 Delivered**  
**After \$20 OFF**

**Ends Today, 4/25/21!**



Lenovo Flex 15.6" 4K UHD 2-in-1 Touchscreen Laptop with 10th Gen Intel Core i7 Processor, GeForce MX330 Graphics and Windows 10 Professional

**\$999.99 Delivered  
After \$200 OFF**



**Ends Today, 4/25/21!**  
Dell Inspiron 27 7000 Series 1080p Touchscreen All-in-One Desktop with 11th Gen Intel Core i7 Processor and GeForce MX330 Graphics

**\$1,099.99 After \$200 OFF  
Plus S&H**



MSI GS  
with 10  
GeF  
Graphic



Maytag 4.7 cu. ft. Washer and 7.4 cu. ft. Electric Dryer with Extra Power Button, White

**\$160 OFF**



Maytag 5.3 cu. ft. Washer and 7.4 cu. ft. Smart Electric Dryer with Extra Power Button

**\$350 OFF**



LG 5.2  
with Tu  
Mega



G 6.3 cu. ft. Wi-Fi Enabled Dual Fuel Slide-in Range with ProBake Convection and EasyClean

**\$500 OFF**



MSI Prestige 15.6" 4K Laptop with 10th Gen Intel Core i7 Processor, GeForce GTX 1650 Max-Q Graphics and Windows 10 Professional

**\$1,299.99 After \$400 OFF**

**Plus S&H**

ASUS  
Lapt  
Process



Save up to \$150 on set of 4 Michelin Tires

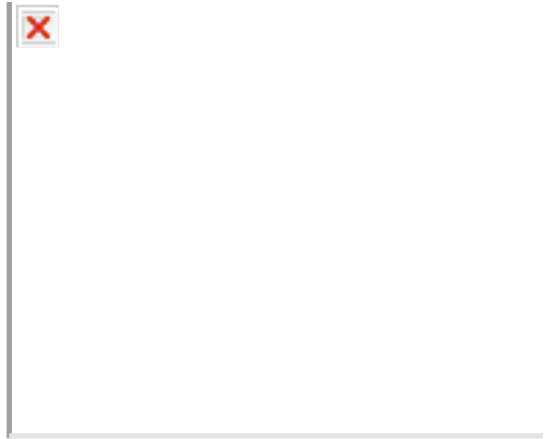


Receive a 15% Costco Shop Card  
Sunrun residential solar purchase:  
additional incentives.



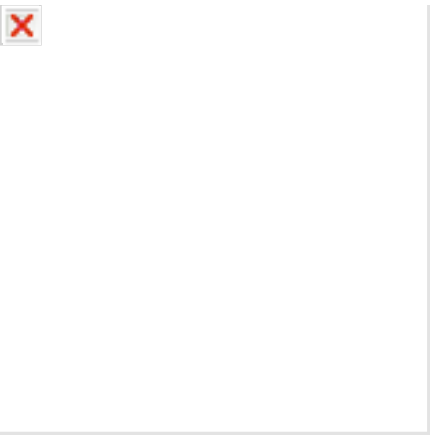
LG gram 14" 2-in-1 Touchscreen Laptop with 10th Gen Intel Core i7 Processor, 16GB Memory and 512GB SSD

**\$1,099.99 Delivered**  
**After \$300 OFF**

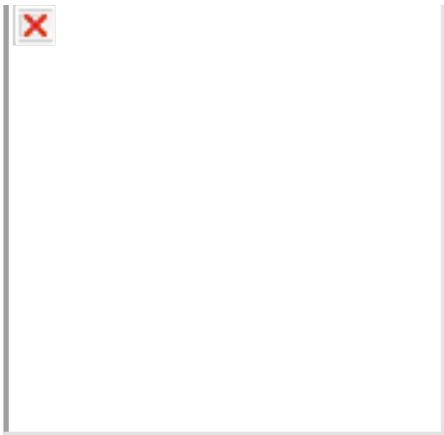


Dell Inspiron 14 5000 Series 2-in-1 Touchscreen Laptop with Intel Core i7 Processor, 8GB Memory and 512GB SSD

**\$699.99 Delivered**  
**After \$100 OFF**



Premier 4-Wick Candles  
**\$16.99 Delivered**  
**After \$3 OFF**



Philips Sonicare DiamondClean Rechargeable Toothbrush, 2-Pack  
**\$100 OFF**



Ring 10-Piece Wireless Security Alarm Kit  
**\$50 OFF**  
**Free Shipping**



Sel

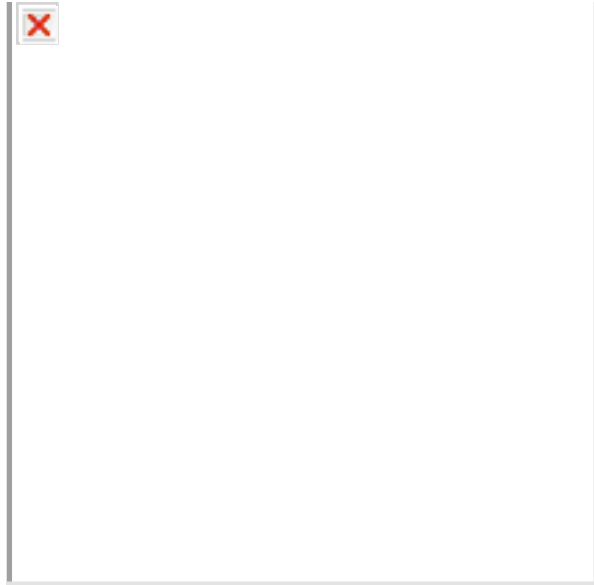


Shop Luggage Sets

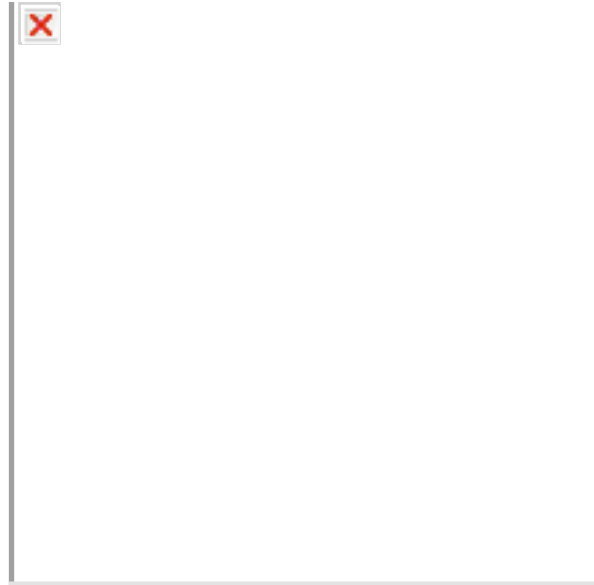


Shop Headphones and Earbuds





Louisiana Pellet Grills  
**Starting at \$499.99 Delivered**



ZWILLING Pro S Cutlery



Lovesa  
Cl



Ballarini Modena Cookware Sets  
**Starting at \$99.99 Delivered**



Big Timber Installed F  
**Starting at \$2,199.99 I**

Buy select clothing or shoe items for additional savings

ONLINE-ONLY | While Supplies Last | SHOP NOW

**BUY 5**

SAVE \$ **20** Total

**BUY 10**

SAVE \$ **50** Total

\*Excluding socks, underwear, special events, Costco Next apparel, select apparel and footwear as noted. Limit one redemption per member per day.



Avalanche Men's Performance Short Sleeve Woven Shirt  
**\$14.99 Delivered**



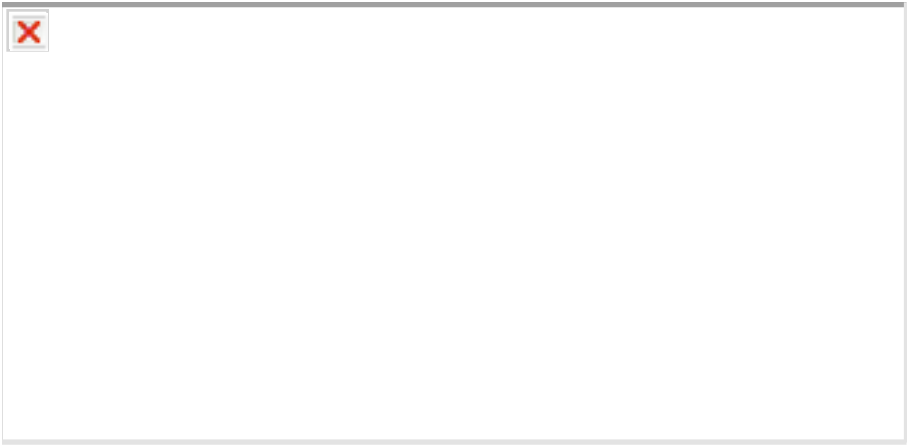
32 Degrees Men's Polo  
**\$14.99 Delivered**  
After \$4 OFF



Eddie Bauer Men's Tee, 2-Pack  
**\$16.99 Delivered**



IZOD Men's Tech Streetwear  
**\$21.99 Delivered**



Bollé Men's Performance Polo  
**\$14.99 Delivered**



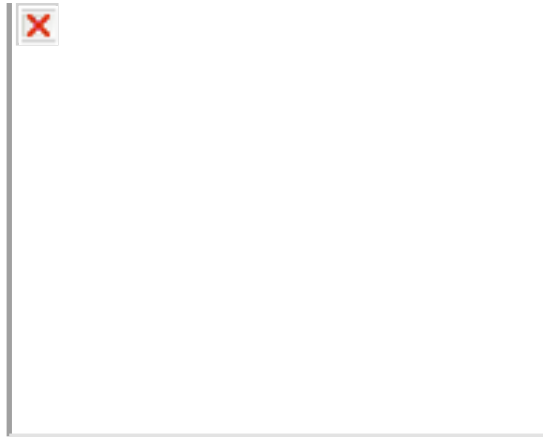
Kirkland Signature Infant 6-Pack  
Cotton Bodysuit  
**\$17.99 Delivered**



Weathered  
Cotton Bodysuit



Hang Ten Men's Long Sleeve Sun Tee  
**\$14.99 Delivered**



Matty M Ladies' Wear Everywhere  
**\$16.99 Delivered**



Hilary Radley Ladies' Bermuda Short  
**\$11.99 Delivered**



K Bell Ladies' Coolmax Cotton  
**\$19.99 Delivered**



Skechers Ladies' No Show Liner  
Sock, 8-Pair

**\$7.99 After \$3 OFF**  
**Free Shipping**



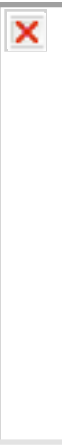
Mario Serrani Ladies' Swim Cover  
Up

**\$16.99 Delivered**



Max & Mia Ladies' Live In Pull On  
Pant

**\$17.99 Delivered**



EV



Kind Bar, Variety Pack, 1.4 oz, 20-  
Count  
**\$5.40 OFF**



Duke's Smoked Shorty Sausages,  
Original Recipe, 16 oz  
**\$3.30 OFF**



Purely Elizabeth Organic Granola,  
Vanilla Almond Butter, 24 oz  
**\$4 OFF**



Kirkland  
Paper



Kirkland Signature Non-Drowsy  
AllerClear Antihistamine 10 mg, 365  
Tablets  
**\$7.99 After \$3 OFF**  
**Free Shipping**



Nature's Way Joint Movement  
Glucosamine Extra Strength, 33.8  
oz  
**\$16.99 Delivered**  
**After \$5 OFF**



Nature Made Fish Oil 1,200 mg  
or Magnesium Citrate 250 mg  
**\$4 OFF**



Na  
I



Nature's Bounty Fish Oil 1,400 mg,  
130 Coated Softgels  
**\$18.99 Delivered**  
**After \$4 OFF**



Kirkland Signature Children's Aller-  
Tec, 16 oz  
**\$7.99 After \$2 OFF**  
**Free Shipping**



Advil DUAL ACTION with  
Acetaminophen, 216 Caplets  
**\$20.29 Delivered**  
**After \$3.70 OFF**



Gen



trunature Vision Complex Lutein &  
Zeaxanthin or Kirkland Signature  
Daily Multi  
**\$3 - \$5 OFF**



Zyrtec Allergy Antihistamine  
Cetirizine HCl 10 mg, 65 Liquid  
Gels  
**\$6 OFF**



Zyrtec Allergy Antihistamine  
Cetirizine HCl 10 mg, 120 Tablets  
**\$8 OFF**



Kirk  
Join



MiraLAX Powder Laxative, 68  
Doses  
**\$28.99 Delivered  
After \$6 OFF**



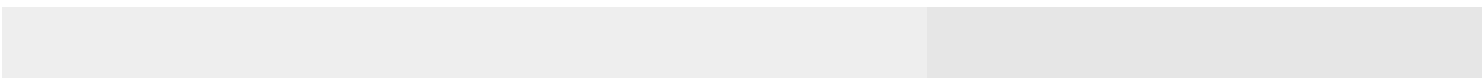
trunature Triple Energy Ginseng  
300 mg, 300 Softgels  
**\$15.99 Delivered  
After \$4 OFF**



Zipfizz Healthy Energy Drink Mix,  
30 Tubes  
**\$24.99 Delivered  
After \$5 OFF**



youth



## Same-Day Delivery

All groceries including fresh, frozen and household essentials.

[Learn More](#)

2-D

Non-perish



## Use Express Checkout To Quickly Place Orders Online

[Learn More](#)



Order Online and Pickup at  
**Costco.**

Shop Eligible Items

Not all items are available at all Costco locations and selection and pricing may vary. Prices in Alaska and Hawaii may be higher than the rest of the United States. Alaska or Hawaii will include an additional shipping and handling fee. Reflects the customer average rating as of 4/24/2021. See [Costco.com](#)

Most online instant coupons at [costco.com](#) are manufacturer's coupons, which will automatically be applied at checkout. See specific item details for restrictions. State sales tax may be due on the pre-discounted price of the item when purchased using an online coupon. These taxes, if any, are in addition to the price of the product and are not included in the price shown. You will be paying for the product.

In the past you provided Costco with your email address [manos@gatech.edu]. Occasionally, you will receive brief advertising announcements and promotional offers. If you no longer want to receive these advertisements, please click [unsubscribe](#). Please DO NOT CLICK REPLY, as that will not affect your subscription status.

To contact us please [click here](#).

Costco Wholesale, Customer Service | P.O. Box 34535 -- Seattle, WA 98124-1535

© 1998-2021 Costco Wholesale Corporation. All rights reserved. [Your Privacy Rights](#) [Terms and Conditions](#)





From: ACM Learning Center<learning@acm.org>

Sent on: Thursday, December 2, 2021 6:00:01 PM

To: 2850909 Emmanouil Antonakakis<manos@GATECH.EDU>

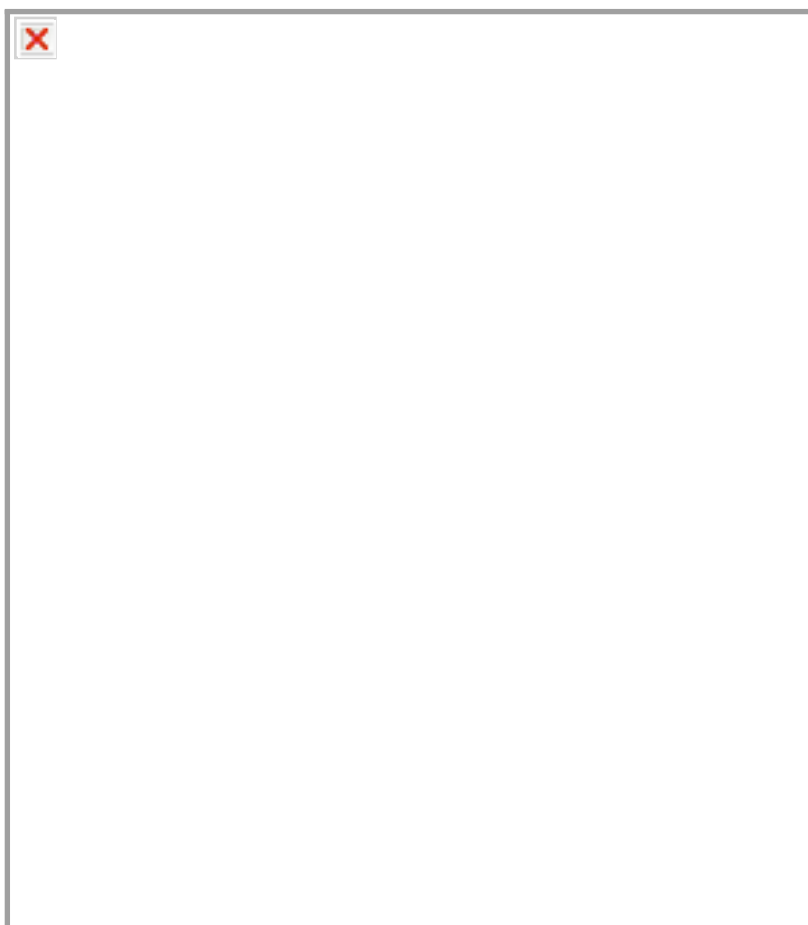
Subject: ByteCast Episode 22: Amanda Randles, 2017 ACM Grace Murray Hopper Award Recipient

ACM ByteCast

December 2, 2021



ByteCast Episode 22: Amanda Randles, 2017 ACM Grace Murray Hopper Award Recipient



In this episode of ACM ByteCast, Rashmi

Grace Murray Hopper Award recipient Amanda Randles, the Alfred Winborne and Victoria Stover Mordec Biomedical Sciences at Duke University's Department of Biomedical Engineering. She is also Assistant F Science and Biomedical Engineering and a member of the Duke Cancer Institute. She has received the N Foundation Career Award and was selected as one of the 10 researchers to work on the Aurora Exascale visionary work in simulating blood flow through the human body in a system called HARVEY led her to b *Technology Review* Innovators Under 35 list.

Amanda talks about growing up in Michigan and being inspired early on by her high school computer science about her passion, which lies in using the largest supercomputers in the world to answer questions other and her Duke research group's focus on building large scale personalized blood flow simulations. She also talks about her year involvement with IBM's Blue Gene Team, where she learned how to debug programs and identify an collaboratively, and her time at Harvard University, where she learned about fluid dynamics and started v scratch. She also describes the fascinating contributions her team made to address ventilator shortages the COVID-19 pandemic.

The podcast is available in the [ACM Learning Center](#), where you can also subscribe to an RSS feed as well as a transcript of each episode, and on popular podcast platforms including Apple Podcasts, Google Podcasts



Association  
for  
Computing  
Machinery

1601 Broadway,  
New York, NY  
10019

Copyright ©  
2021, ACM, Inc.  
All rights  
reserved

You are subscribed with: [manos@GATECH.EDU](mailto:manos@GATECH.EDU)

[Unsubscribe](#)

Connect with us:



**From:** Pierre Gourjon<deputy-univ@ambascience-usa.org>  
**Sent on:** Wednesday, August 21, 2019 8:29:09 PM  
**To:** jerome.baudry@uah.edu; berkowd@uah.edu; kannan.grant@uah.edu; rigved.joshi@uah.edu; coedean@uah.edu; ray.vaughn@uah.edu; jfesenmaier@ufic.ufl.edu; smgutier@ufl.edu; ranga@ufl.edu; gboy@fit.edu; vigonm@fiu.edu; cadam006@fiu.edu; kboyd014@fiu.edu; calyc@fiu.edu; scamp016@fiu.edu; ecano011@fiu.edu; fcons001@fiu.edu; adsv003@fiu.edu; mcdonoso@fiu.edu; fernacro@fiu.edu; ahass020@fiu.edu; vkale002@fiu.edu; akaushik@fiu.edu; ciperez@fiu.edu; nmaha003@fiu.edu; mccordb@fiu.edu; kmunoz@fiu.edu; spere045@fiu.edu; pontet@fiu.edu; raul.reis@fiu.edu; mark.rosenberg@fiu.edu; sanchez@fiu.edu; mshumow@fiu.edu; thielm@fiu.edu; mtkac002@fiu.edu; Vickie.Toranzo@fiu.edu; troxler@fiu.edu; dugarte@me.com; mevillar@fiu.edu; jzapa018@fiu.edu; mineshm@baptisthealth.net; yazmino@baptisthealth.net; arachels@mdc.edu; heftyn@miamidade.gov; dlcava@miamidade.gov; mccras@miamidade.gov; murphyt@miamidade.gov; hagemk@miamidade.gov; stevend@miamidade.gov; alice.bravo@miamidade.gov; fbretos@frostsscience.org; selipot@rsmas.miami.edu; Rose@rocktheocean.com; jmcmanus@rsmas.miami.edu; jvanleer@rsmas.miami.edu; bardet@miami.edu; cfavretto@miami.edu; president@miami.edu; bkirtman@rsmas.miami.edu; kkontaxis@miami.edu; teddyl@miami.edu; hwanless@miami.edu; ravissar@rsmas.miami.edu; kbroad@rsmas.miami.edu; Dudel@rsmas.miami.edu; karen.corbin@flhosp.org; baudelet@ucf.edu; debra.reinhart@ucf.edu; ibd1@creol.ucf.edu; Nataly.Chandia@ucf.edu; oneal@ucf.edu; kcr@creol.ucf.edu; gtao@creol.ucf.edu; cdepalma@audubon.org; cpmacdonnell@email.wm.edu; robert.herzog@flhosp.org; egamess@jsu.edu; serge.timsit@chu-brest.fr; etienne.hirsch@upmc.fr; david.planchard@gustaveroussy.fr; pdss@isae-superaero.fr; evelyne.rebut@isae-superaero.fr; luc.buee@inserm.fr; bottero@cerege.fr; jbroder@uga.edu; bronsonbullock@uga.edu; vcollins@uga.edu; jdahlen@uga.edu; wdgroene@uga.edu; bhe@uga.edu; bizlar@uga.edu; junkercl@uga.edu; mensawil@uga.edu; ignacy@uga.edu; mmomany@uga.edu; plp@uga.edu; fquinn@uga.edu; estabb@uga.edu; brianw@uga.edu; mazain@uga.edu; ite8@cdc.gov; gcl4@cdc.gov; acq7@cdc.gov; bxm5@cdc.gov; pgm9@cdc.gov; fdm1@cdc.gov; rminneman@usaid.gov; ddr2@cdc.gov; yanne.chembo@femto-st.fr; nikolay.koposov@emory.edu; yong.jiang@emory.edu; peng.liu@emory.edu; jack.yoon@emory.edu; hzhan47@emory.edu; szhou23@emory.edu; rahmed@emory.edu; sallen5@emory.edu; kvaugus@emory.edu; arbenbr@emory.edu; david.blumenthal@emory.edu; nboulis@emory.edu; justin.c.burton@emory.edu; jbyrd01@emory.edu; ed@novabinc.com; zhe.chen@emory.edu; carol.clark@emory.edu; wcurran@emory.edu; qeastma@emory.edu; christina.gavegnano@emory.edu; dholtha@emory.edu; ehunte4@emory.edu; ckatzen@emory.edu; fkhuri@emory.edu; hkorsch@emory.edu; colleen.kraft@emory.edu; deanna.kulpa@emory.edu; clarsen@emory.edu; tlawley@emory.edu; jane.lawson@emory.edu; elizabeth.belle.lee@emory.edu; jon.lewin@emory.edu; tlundgr@emory.edu; mhiran2@emory.edu; mmavign@emory.edu; krommel@emory.edu; csterk@emory.edu; vss@emory.edu; stao3@emory.edu; zahira.tber@emory.edu; mauro.m.teixeira@emory.edu; lting@emory.edu; tirouvanziam@emory.edu; fvillin@emory.edu; pwainwr@emory.edu; pwolpe@emory.edu; lxiang@emory.edu; lzhou8@emory.edu; rschina@emory.edu; famblar@emory.edu; lbassit@emory.edu; cdelrio@emory.edu; mahesh.kasthuri@emory.edu; dstei04@emory.edu; lchin@emory.edu; max.cooper@emory.edu; bryan.dean.cox@emory.edu; adeverg@emory.edu; rdingle@emory.edu; jeley@emory.edu; dafindl@emory.edu; jglas03@emory.edu; rgross@emory.edu; jkkohle@emory.edu; adam.marcus@emory.edu; seema.mengshetti@emory.edu; cquave@emory.edu; hsamady@emory.edu; [REDACTED]; keivan.zandi@emory.edu; gsilves@emory.edu; mehul.s.suthar@emory.edu; susan.shows@gra.org; hello@nicole.cab; bchassaing@gsu.edu; aa16@gatech.edu; manos@gatech.edu; chloe.arson@ce.gatech.edu; guilhem.bau@gatech.edu; cb299@mail.gatech.edu; yves.berthelot@me.gatech.edu; rbeyah@ece.gatech.edu; sasha.boldyreva@cc.gatech.edu; provost@gatech.edu; joe.brown@ce.gatech.edu; mbryan8@gatech.edu; david.citrin@ece.gatech.edu; johnpaul@gatech.edu; kcobb@gatech.edu; dcommun3@gatech.edu; edward.conrad@physics.gatech.edu; jeff.cullen@gatech.edu;

curryja@eas.gatech.edu; ghislain.dard@gatech.edu; audrey.duarte@psych.gatech.edu; fduveiller3@gatech.edu; alper.erturk@me.gatech.edu; eric.feron@aerospace.gatech.edu; galil@cc.gatech.edu; [REDACTED]; tom.grice@library.gatech.edu; harrell@math.gatech.edu; nancy.healy@mirc.gatech.edu; james.hoadley@scheller.gatech.edu; manon.huguenin@gatech.edu; mary.hunt@energy.gatech.edu; [REDACTED]; kd73@mail.gatech.edu; kippelen@gatech.edu; john.krige@hsoc.gatech.edu; chair@math.gatech.edu; pablo.laguna@physics.gatech.edu; tim.lieuwen@energy.gatech.edu; margaret.loper@gtri.gatech.edu; alain.louchez@gtri.gatech.edu; chris.luetgen@rbi.gatech.edu; mmartel3@gatech.edu; bmcgregg@cc.gatech.edu; john.mcintyre@scheller.gatech.edu; swm@ece.gatech.edu; anne.minty@gatech.edu; mourigal@gatech.edu; perdisci@gtisc.gatech.edu; olivier.pierron@me.gatech.edu; carl.rust@gatech.edu; jsaleh@gatech.edu; florence.stoia@provost.gatech.edu; peter@peterswire.net; bthompson33@gatech.edu; toma@gatech.edu; Pierre.Vandekerkhove@univ-mlv.fr; mitchell.walker@ae.gatech.edu; ben.wang@gatech.edu; pjw@eas.gatech.edu; jeannette.yen@biology.gatech.edu; ajit.yoganathan@bme.gatech.edu; matthieu.bloch@ece.gatech.edu; simon.briceno@asdl.gatech.edu; julia.kubanek@cos.gatech.edu; Allie.crain@gtl.gatech.edu; andrea.gappell@gtl.gatech.edu; alina.opreanu@gtl.gatech.edu; mbenveniste@msm.edu; Wroyal@msm.edu; rsloviter@msm.edu; vmrice@msm.edu; anderson@cs.unc.edu; [REDACTED]; pbentley@unc.edu; jim.herrington@unc.edu; don.hobart@unc.edu; tam@unc.edu; trm4@med.unc.edu; melissa\_mcmurray@unc.edu; neddo@email.unc.edu; jdsteph@unc.edu; joyce\_tan@unc.edu; karine\_dube@med.unc.edu; kgrasty@email.unc.edu; psilberm@email.unc.edu; abejan@duke.edu; bruce.caldwell@duke.edu; nicolas.cassar@duke.edu; patrick.charbonneau@duke.edu; cdrea@duke.edu; patrick.duddy@duke.edu; amanda.kelso@duke.edu; paul.o.manning@duke.edu; wiesner@duke.edu; alayne.wood@duke.edu; ohman001@mc.duke.edu; francois\_birgand@ncsu.edu; michael\_bustle@ncsu.edu; dbhawley@ncsu.edu; bailian@ncsu.edu; seth\_murray@ncsu.edu; irschmid@ncsu.edu; jean-marie.maillard@dhhs.nc.gov; amandinerovini@live.fr; rbordia@clemson.edu; rcongdo@g.clemson.edu; zfilipi@clemson.edu; kkornev@clemson.edu; dlleste@clemson.edu; lgary@clemson.edu; jrhode@clemson.edu; tonkin@clemson.edu; chambonph@ornl.gov; mattusch@ornl.gov; meilleurf@ornl.gov; paquitvc@ornl.gov; robertojb@ornl.gov; joseph.parello@vanderbilt.edu; mark.wallace@vanderbilt.edu; fabien.maldonado@vanderbilt.edu; pierre.massion@vanderbilt.edu; [REDACTED]; armelle.le.guelte@vanderbilt.edu; dimmiittrrii@fullsail.edu; aquaile@fullsail.com; rachaelraml@fullsail.edu; poirboy@me.com; htorres@fullsail.com; cbarlot@fiu.edu; barbara.nicol@nih.gov; crachelson@palmertrinity.org; LRandolph@polk.edu; pdavenpo@ufl.edu; shill@ufic.ufl.edu; jrlong@mbi.ufl.edu; meyn@ece.ufl.edu; sow@ufl.edu; ccesarotti@ufic.ufl.edu; tulenko@ufl.edu; arnoldo@ufl.edu; lvillalon@ufic.ufl.edu; jennifer.hirsch@gatech.edu; ryow6@gatech.edu; cristine.rapalje@emory.edu

**Subject:** Call for proposals - Fulbright Grand Est - Hauts de France and Nouvelle Aquitaine Research grants for US candidates: deadline September 16, 2019

**Attachments:** HDF 2020.pdf (264.3 KB), Nouvelle Aquitaine 2020.pdf (189.35 KB), Grand Est Flyer US 2020.pdf (250.6 KB)

Dear All,

We are delighted to inform you that the applications for the **Fulbright U.S. Scholar Program** are now available for the **three following French regions : Grand Est; Hauts de France and Nouvelle Aquitaine**

**Application deadline is September 16, 2019** for the academic year 2020-2021.

**The Fulbright Scholar Program supports activities and projects that recognize and promote the critical relationship between educational exchange and international understanding, in addition to the intellectual merit of the proposals.**

Applications with broad multiplier effects are particularly welcome, as are projects that are conducive to candidates sharing their experiences and knowledge with colleagues, students and, ideally, with the general public in their host country and, upon return, in the United States.

During their awards, Fulbrighters will meet, work, live with and learn from the people of the host country, sharing daily experiences. The program facilitates cultural exchange through direct interaction on an individual basis. Through

engagement in the community, the individual will interact with their hosts on a one-to-one basis in an atmosphere of openness, academic integrity, and intellectual freedom, thereby promoting mutual understanding.

Please find attached all the information regarding each three regions Postdocs and Researcher Scholars can apply for.

You can find more information on the Fulbright website : <https://www.cies.org/>

Best Regards,

Pierre Gourjon

Deputy Attaché for Science and Technology

Attachéadjointpour la Science et la Technologie

Consulate General of France in Atlanta

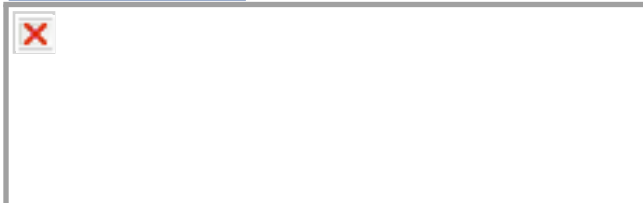
3399 Peachtree Rd, NE, Ste 500

Atlanta, GA 30326

Work: 404-495-1699 / Cell:

[deputy-univ@ambascience-usa.org](mailto:deputy-univ@ambascience-usa.org)

[france-science.org](http://france-science.org)



**From:** Georgia Tech Daily Digest<dailydigest@gatech.edu>  
**Sent on:** Tuesday, November 24, 2020 3:56:54 PM  
**To:** dailydigest@lists.gatech.edu  
**Subject:** Capstone; Basketball Tickets; Pandemic and Malls

Having trouble viewing this email? [View it in your browser.](#)



Tuesday, November 24

## Upcoming Events

### Final Instructional Days

Through Nov. 24

### GradChats

Wednesday, Nov. 25

5 – 6:30 p.m.

Online

### Thanksgiving Break: No Classes

Nov. 25–29

Georgia Tech Campus

### Football vs. Duke

Saturday, Nov. 28

7 p.m.

Bobby Dodd Stadium

### PianoForte Monthly Themed Concerts: November Edition

Saturday, Nov. 28

Online



## Sponsored Projects Earn Top Spots at Virtual Capstone

Capstone Senior Design students faced an extra challenge this semester —how to show off their projects without the aid of a physical prototype or an in-person demonstration.

[Full Story](#)



# This Year's Holiday Shopping Must-Have Is Space

Holiday shopping will be different this year. But Ellen Dunham-Jones, professor in the School of Architecture, talks about how some of the changes in malls and Main Streets were already happening pre-pandemic.

[Full Story](#)



# Basketball Tickets Available for Faculty, Staff Members

McCamish Pavilion capacity will be reduced to around 1,200 people this basketball season. Georgia Tech employees will have access to complimentary tickets for select men's and women's basketball games.

[Full Story](#)

---

## Reading Day

**Monday, Nov. 30**

---

## Sustaining the Conversation: A Review of Georgia Tech's Work Toward Racial Justice Through the Lens of Three Sustainable Development Goals

**Monday, Nov. 30**

1 – 2:30 p.m.

Online

---

## Reading Period

**Tuesday, Dec. 1**

8 a.m. – 2:40 p.m.

---

## QPR Training

**Tuesday, Dec. 1**

11 a.m. – 1 p.m.

Online

[More Events](#)

## Updates and Alerts

## Campus Newsstand



## Get Your Weekly Test

Testing sites close today at noon for the Thanksgiving holiday. Register for asymptomatic surveillance testing at [mytest.gatech.edu](https://mytest.gatech.edu).

[Where to Get Tested](#)

## The Whistle

In the absence of campus mail, you can still read the latest issue of Georgia Tech's faculty/staff newspaper.

[Nov. 23 Issue](#)

[Georgia Tech](#)  [News Center](#)  [Archive](#)  [Suggest A Feature](#)



This email was sent to [manos@gatech.edu](mailto:manos@gatech.edu)

To stop receiving these emails, please [use our unsubscribe form](#).  
Make sure to unsubscribe using the email address that this message was sent to ([manos@gatech.edu](mailto:manos@gatech.edu)).

Trouble unsubscribing? [View unsubscribe instructions](#).

Georgia Institute of Technology  
Institute Communications  
177 North Avenue  
Atlanta, GA 30332  
Phone: 404.894.0870  
[comm.gatech.edu](http://comm.gatech.edu)



**From:** Pierre Gourjon<deputy-univ@ambascience-usa.org>  
**Sent on:** Monday, October 14, 2019 2:53:07 PM  
**To:** jerome.baudry@uah.edu; berkowd@uah.edu; kannan.grant@uah.edu; rigved.joshi@uah.edu; coedean@uah.edu; ameador2@utk.edu; ray.vaughn@uah.edu; ccesarotti@ufic.ufl.edu; pdavenpo@ufl.edu; jfsenmaier@ufic.ufl.edu; smgutier@ufl.edu; shill@ufic.ufl.edu; jrlong@mbi.ufl.edu; meyn@ece.ufl.edu; ranga@ufl.edu; sow@ufl.edu; tulenko@ufl.edu; arnoldo@ufl.edu; lvillalon@ufic.ufl.edu; gboy@fit.edu; cadam006@fiu.edu; kboyd014@fiu.edu; calyc@fiu.edu; scamp016@fiu.edu; ecano011@fiu.edu; fcons001@fiu.edu; adesv003@fiu.edu; mcdonoso@fiu.edu; fernacro@fiu.edu; ahass020@fiu.edu; vkale002@fiu.edu; akaushik@fiu.edu; nmaha003@fiu.edu; mccordb@fiu.edu; kmunoz@fiu.edu; spere045@fiu.edu; ciperez@fiu.edu; pontet@fiu.edu; raul.reis@fiu.edu; mark.rosenberg@fiu.edu; sanchez@fiu.edu; mshumow@fiu.edu; thielm@fiu.edu; mtkac002@fiu.edu; Vickie.Toranzo@fiu.edu; troxler@fiu.edu; dugarte@me.com; vigonm@fiu.edu; mevillar@fiu.edu; jzapa018@fiu.edu; mineshm@baptisthealth.net; yazmino@baptisthealth.net; arachels@mdc.edu; heftyn@miamidade.gov; dlcava@miamidade.gov; mccras@miamidade.gov; murphyt@miamidade.gov; hagemk@miamidade.gov; stevend@miamidade.gov; alice.bravo@miamidade.gov; fbretos@frostsscience.org; bardet@miami.edu; cfavretto@miami.edu; president@miami.edu; bkirtman@rsmas.miami.edu; kkontaxis@miami.edu; teddyl@miami.edu; hwanless@miami.edu; ravissar@rsmas.miami.edu; kbroad@rsmas.miami.edu; selipot@rsmas.miami.edu; Rose@rocktheocean.com; jmcmanus@rsmas.miami.edu; Dudel@rsmas.miami.edu; jvanleer@rsmas.miami.edu; karen.corbin@flhosp.org; baudelet@ucf.edu; debra.reinhart@ucf.edu; Nataly.chandia@ucf.edu; ibdl@creol.ucf.edu; oneal@ucf.edu; kcr@creol.ucf.edu; gtao@creol.ucf.edu; cdepalma@audubon.org; cpmacdonnell@email.wm.edu; robert.herzog@flhosp.org; egamess@jsu.edu; etienne.hirsch@upmc.fr; serge.timsit@chu-brest.fr; david.planchard@gustaveroussy.fr; pdss@isae-superaero.fr; evelyne.rebut@isae-superaero.fr; luc.buee@inserm.fr; bottero@cerege.fr; bchassaing@gsu.edu; jbroder@uga.edu; bronsonbullock@uga.edu; vcollins@uga.edu; jdahlen@uga.edu; wdgreene@uga.edu; bhe@uga.edu; bizlar@uga.edu; junkercl@uga.edu; mensawil@uga.edu; ignacy@uga.edu; mmomany@uga.edu; plp@uga.edu; fquinn@uga.edu; brianw@uga.edu; mazain@uga.edu; ite8@cdc.gov; gcl4@cdc.gov; acq7@cdc.gov; bxm5@cdc.gov; pgm9@cdc.gov; fdm1@cdc.gov; fmili@cdc.gov; rminneman@usaid.gov; ddr2@cdc.gov; destiny.loyd@citizensclimate.org; nikolay.koposov@emory.edu; rahmed@emory.edu; sallen5@emory.edu; kvaugus@emory.edu; arbenbr@emory.edu; david.blumenthal@emory.edu; nboulis@emory.edu; justin.c.burton@emory.edu; jbyrd01@emory.edu; ed@novabinc.com; francois.chassagne@emory.edu; zhe.chen@emory.edu; carol.clark@emory.edu; wcurran@emory.edu; qeastma@emory.edu; christina.gavegnano@emory.edu; thomas.gillespie@emory.edu; dholtha@emory.edu; ehunte4@emory.edu; ckatzen@emory.edu; fkhuri@emory.edu; hkorsch@emory.edu; colleen.kraft@emory.edu; deanna.kulpa@emory.edu; clarsen@emory.edu; tlawley@emory.edu; jane.lawson@emory.edu; elizabeth.belle.lee@emory.edu; jon.lewin@emory.edu; tlundgr@emory.edu; mhiran2@emory.edu; mmavign@emory.edu; tparslo@emory.edu; uramakr@sph.emory.edu; ssramal@emory.edu; christine.rapalje@emory.edu; krommel@emory.edu; csterk@emory.edu; vss@emory.edu; stao3@emory.edu; zahira.tber@emory.edu; lting@emory.edu; tirouvanziam@emory.edu; fvillin@emory.edu; pwainwr@emory.edu; pwolpe@emory.edu; lxiong@emory.edu; lzhou8@emory.edu; rschina@emory.edu; famblar@emory.edu; lbassit@emory.edu; lchin@emory.edu; max.cooper@emory.edu; cdelrio@emory.edu; adeverg@emory.edu; rdingle@emory.edu; jeley@emory.edu; dafindl@emory.edu; jglas03@emory.edu; rgross@emory.edu; mahesh.kasthuri@emory.edu; jjkohle@emory.edu; adam.marcus@emory.edu; seema.mengshetti@emory.edu; cquave@emory.edu; hsamady@emory.edu; dstei04@emory.edu; [REDACTED]; keivan.zandi@emory.edu; gsilves@emory.edu; mehul.s.suthar@emory.edu; yong.jiang@emory.edu; peng.liu@emory.edu; jack.yoon@emory.edu; hzhan47@emory.edu; szhou23@emory.edu; susan.shows@gra.org; hello@nicole.cab; aa16@gatech.edu; manos@gatech.edu;

chloe.arson@ce.gatech.edu; guilhem.bau@gatech.edu; cb299@mail.gatech.edu;  
yves.berthelot@me.gatech.edu; rbeyah@ece.gatech.edu; sasha.boldyreva@cc.gatech.edu;  
provost@gatech.edu; joe.brown@ce.gatech.edu; david.citrin@ece.gatech.edu;  
johnpaul@gatech.edu; kcobb@gatech.edu; dcommun3@gatech.edu;  
edward.conrad@physics.gatech.edu; jeff.cullen@gatech.edu; curryja@eas.gatech.edu;  
ghislain.dard@gatech.edu; stephen.diggle@biosci.gatech.edu;  
audrey.duarte@psych.gatech.edu; alper.erturk@me.gatech.edu;  
eric.feron@aerospace.gatech.edu; galil@cc.gatech.edu; [REDACTED];  
tom.grice@library.gatech.edu; harrell@math.gatech.edu; nancy.healy@mirc.gatech.edu;  
jennifer.hirsch@gatech.edu; james.hoadley@scheller.gatech.edu; manon.huguenin@gatech.edu;  
mary.hunt@energy.gatech.edu; [REDACTED]; kd73@mail.gatech.edu;  
kippelen@gatech.edu; john.krige@hsoc.gatech.edu; chair@math.gatech.edu;  
pablo.laguna@physics.gatech.edu; mlampl@emory.edu; tim.lieuwen@energy.gatech.edu;  
margaret.loper@gtri.gatech.edu; alain.louchez@gtri.gatech.edu; chris.luetzgen@rbi.gatech.edu;  
mmartel3@gatech.edu; bmcgregg@cc.gatech.edu; john.mcintyre@scheller.gatech.edu;  
swm@ece.gatech.edu; anne.minty@gatech.edu; mourigal@gatech.edu;  
perdisci@gtisc.gatech.edu; olivier.pierron@me.gatech.edu; alexander.robel@eas.gatech.edu;  
carl.rust@gatech.edu; jsaleh@gatech.edu; florence.stoia@provost.gatech.edu;  
peter@peterswire.net; mtavares@gatech.edu; bthompson33@gatech.edu; toma@gatech.edu;  
Pierre.Vandekerkhove@univ-mlv.fr; mitchell.walker@ae.gatech.edu; ben.wang@gatech.edu;  
pjw@eas.gatech.edu; jeannette.yen@biology.gatech.edu; ajit.yoganathan@bme.gatech.edu;  
ryow6@gatech.edu; matthieu.bloch@ece.gatech.edu; simon.briceno@asdl.gatech.edu; yann.de-  
luca@gatech.edu; stephanie.foley@gatechhotel.com; Allie.crain@gtl.gatech.edu;  
jwoodwar@macoc.com; mbenveniste@msm.edu; Wroyal@msm.edu; rsloviter@msm.edu;  
amy.sharma@sci4ga.org; virginiekippelen@virginiekphotography.com;  
pzamani@kennesaw.edu; srivasts@mail.nih.gov; anderson@cs.unc.edu;  
[REDACTED]; pbentley@unc.edu; jim.herrington@unc.edu;  
don.hobart@unc.edu; tam@unc.edu; trm4@med.unc.edu; melissa\_mcmurray@unc.edu;  
neddo@email.unc.edu; jdsteph@unc.edu; joyce\_tan@unc.edu; karine\_dube@med.unc.edu;  
kgrasty@email.unc.edu; stefan.willemsen@biomerieux.com; abejan@duke.edu;  
bruce.caldwell@duke.edu; nicolas.cassar@duke.edu; patrick.charbonneau@duke.edu;  
cdrea@duke.edu; patrick.duddy@duke.edu; amanda.kelso@duke.edu;  
paul.o.manning@duke.edu; wiesner@duke.edu; alayne.wood@duke.edu;  
ohman001@mc.duke.edu; razeved@ncsu.edu; francois\_birgand@ncsu.edu;  
michael\_bustle@ncsu.edu; dbhawley@ncsu.edu; bailian@ncsu.edu; seth\_murray@ncsu.edu;  
sozanne@ebrandcommerce.com; penner@rtp.org; rbordia@clemson.edu;  
rcongdo@g.clemson.edu; zfilipi@clemson.edu; kkornev@clemson.edu; dlleste@clemson.edu;  
lgary@clemson.edu; jrhode@clemson.edu; [REDACTED]; amandinerovini@live.fr;  
chambonph@ornl.gov; mattusch@ornl.gov; meilleurf@ornl.gov; paquitvc@ornl.gov;  
jwebster@utk.edu; joseph.parello@vanderbilt.edu; mark.wallace@vanderbilt.edu;  
fabien.maldonado@vanderbilt.edu; pierre.massion@vanderbilt.edu; [REDACTED];  
a.marquez@expertconsulting.us; aquaile@fullsail.com; cbaralot@fiu.edu;  
barbara.nicol@nih.gov; crachelson@palmertrinity.org; LRandolph@polk.edu;  
catherine@myscma.com

**Subject:** Chateaubriand Fellowship Call for Applications 2020-2021

**Attachments:** Appel Chateaubriand 2020-2021 - EN.pdf (4.95 MB)

Dear colleague,

We would like to inform you that the [Chateaubriand Fellowship](#) call for applications for 2020- 2021 academic year is now open. This fellowship offered by the Embassy of France in the United States allows PhD students enrolled in American universities to conduct research in France for 4- 9 months. We believe that this fellowship may interest colleagues in your university or graduate school who have or would like to initiate collaborations with French researchers.

Below and attached you will find a description of the Chateaubriand Fellowship. We would appreciate it if you could forward this information to any of your colleagues or other contacts that may be interested.

We remain at your disposal for any additional information, and thank you in advance for your help in disseminating this

call for applications.

Sincerely,

Yves Frénot

Counselor for Science and Technology

Embassy of France

4101 Reservoir Road, NW

Washington, DC 20007

Carrina LaCorata

Program Coordinator

Embassy of France

4101 Reservoir Road, NW

Washington, DC 20007

The Chateaubriand Fellowship call for applications is now open: <http://chateaubriand-fellowship.org>

Complete applications must be submitted by **January 7, 2020**.

The Chateaubriand Fellowship is a grant offered by the Embassy of France in the United States. It supports outstanding Ph.D. students from American universities who wish to conduct research in France for a period ranging from 4 to 9 months. Chateaubriand fellows are selected through a merit-based competition, through a collaborative process involving expert evaluators in both countries.

Interested applicants should complete either the [STEM or HSS Chateaubriand Fellowship application](#):

### **STEM: Science, Technology, Engineering, Mathematics & Health**

The Chateaubriand Fellowship in Science, Technology, Engineering, Mathematics & Biology- Health for doctoral students aims to initiate or reinforce collaborations, partnerships or joint projects between French and American research teams. The Chateaubriand Fellowship supports PhD students registered in an American university who wish to conduct part of their doctoral research in a French laboratory.

This fellowship is offered by the [Office for Science & Technology](#) (OST) of the Embassy of France in the United States in partnership with universities and research organizations in France and the United States. It is a partner of the National Science Foundation's [GROW program](#).

### **HSS: Humanities and Social Sciences**

The Chateaubriand Fellowship in Humanities and Social Sciences is offered by the [Cultural Services of the Embassy of France](#). The HSS program targets outstanding Ph.D. students enrolled in American universities who seek to engage in research in France, in any discipline of the Humanities and Social Sciences.

The HSS Chateaubriand program is supported by the Campus France agency which provides a welcome package and assistance to fellows upon their arrival. Social networking opportunities are also offered by the Fulbright program in France.

### **ELIGIBILITY**

Candidates must be currently working on their Ph.D.

Candidates do not have to be U.S. citizens, but they must be enrolled in an American university.

Candidates must obtain a letter of recommendation from their advisor(s) in the U.S., as well as a letter of invitation from a professor affiliated with a French university or research institution. Please contact your supervisor in France as early as possible.

For more specific eligibility criteria please visit our website.

### **BENEFITS**

A monthly stipend,

Health insurance for the entire duration of the fellowship

A round-trip ticket to France

#### **SELECTION CRITERIA**

Academic relevance of the research project

Student's command of the subject

Benefits of a research trip to France for the future of the collaboration

Background of the research collaboration

Contribution of the project to France/U.S. academic exchange

#### **CONTACTS**

STEM Chateaubriand Program: [stem.coordinator@chateaubriand-fellowship.org](mailto:stem.coordinator@chateaubriand-fellowship.org)

HSS Chateaubriand Program: [hss.coordinator@chateaubriand-fellowship.org](mailto:hss.coordinator@chateaubriand-fellowship.org)

#### **WEBSITE & APPLICATION**

<http://chateaubriand-fellowship.org>

Best Regards,

Pierre Gourjon

Deputy Attaché for Science and Technology

Attaché adjoint pour la Science et la Technologie

Consulate General of France in Atlanta

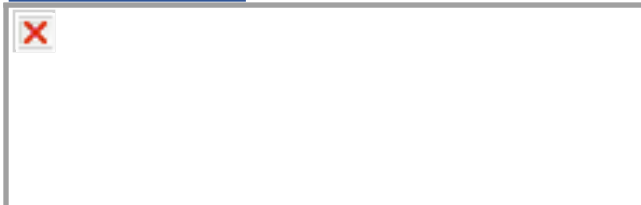
3399 Peachtree Rd, NE, Ste 500

Atlanta, GA 30326

Work: 404-495-1699 / Cell:

[deputy-univ@ambascience-usa.org](mailto:deputy-univ@ambascience-usa.org)

[france-science.org](http://france-science.org)



**From:** Roche, Susan M<susan.roche@gatech.edu>

**Sent on:** Friday, January 26, 2018 8:46:25 PM

**To:** Ahamad, Mustaque<mustaq@cc.gatech.edu>; Kim, Taesoo<taesoo@gatech.edu>; Boldyreva, Alexandra<sasha@gatech.edu>; [REDACTED] Antonakakis, Manos<manos@gatech.edu>; Saltaformaggio, Brendan D<brendan@ece.gatech.edu>; Mueller, Milton L<milton@gatech.edu>; Klein, Hans K<hans@gatech.edu>; Swire, Peter P<Peter.Swire@scheller.gatech.edu>; Anton, Ana I<aa16@gatech.edu>; Meliopoulos, A P<sakis.m@gatech.edu>; Chava, Sudheer<sudheer.chava@scheller.gatech.edu>; [REDACTED]; Prvulovic, Milos<milos@cc.gatech.edu>; Blough, Douglas M<doug.blough@ece.gatech.edu>; Beyah, Raheem A<rbeyah@ece.gatech.edu>; Mooney, Vincent J<mooney@ece.gatech.edu>; Goodman, Seymour E<seymour.goodman@cc.gatech.edu>; Mark, Leo<leomark@cc.gatech.edu>; Orso, Alessandro<orso@cc.gatech.edu>; Pande, Santosh<santosh.pande@cc.gatech.edu>; Das, Sauvik<sauvik@gatech.edu>; Liu, Ling<ling.liu@cc.gatech.edu>; Pu, Calton<calton.pu@cc.gatech.edu>; Gavrilovska Habl, Ada<ada@cc.gatech.edu>; Sarkar, Vivek<vsarkar@gatech.edu>; Zegura, Ellen<ewz@cc.gatech.edu>; [REDACTED]; Xu, Jun<jx@cc.gatech.edu>; Dovrolis, Konstantinos<dovrolis@cc.gatech.edu>; La Bouff, Tara<tara.labouff@iisp.gatech.edu>

**CC:** Lee, Wenke<wenke@cc.gatech.edu>; Farrell, Michael D<Michael.Farrell@gtri.gatech.edu>; Jones, Christopher W<christopher.jones@chbe.gatech.edu>

**Subject:** Coda IISP Neighborhood Update

Coda IISP Crew:

We will be convening a Coda IISP Neighborhood Update.

Topics to be covered include:

- Where are we now?
- An update on the Design of the Current Core/Common areas of the building
- What to expect as we move forward towards Move In

Please provide your availability to participate at the link below, on or before Wednesday, January 31<sup>th</sup> at noon.

<https://doodle.com/poll/3yg7i3ympzzmb8r>

Thank you.

Regards,

**Susan Roche, MS, CRA**

Research Administration Manager

**Georgia Institute of Technology**

Office of the Executive Vice President for Research

Evans Administration Building (Tech Tower) | Suite 001 | 225 North Avenue, NW | Atlanta, GA 30332-0325

404.894.8802 | [susan.roche@gatech.edu](mailto:susan.roche@gatech.edu)

**From:** "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

**Sent on:** Tuesday, June 15, 2021 6:55:19 PM

**To:** Mody, Nirmal<Nirmal\_Mody@comcast.com>

**Subject:** Comcast IP

Hey Nirmal,

This IP 73.237.113[.]210 was used last night to hack the Facebook and the Yahoo email accounts from a very close family member of mine. Not sure what is running on this IP, unclear if it is hacked or not, I am just letting you know in case you want to give a heads up to your SOC.

Thanks, Manos

**From:** La Bouff, Tara< tara.labouff@iisp.gatech.edu >

**Sent on:** Friday, December 15, 2017 3:30:25 PM

**To:** Swire, Peter P< Peter.Swire@scheller.gatech.edu >; Mueller, Milton L< milton@gatech.edu >;  
Meliopoulos, A P< sakis.m@gatech.edu >; Loper, Margaret L< margaret.loper@gtri.gatech.edu >;  
Antonakakis, Manos< manos@gatech.edu >; Chava, Sudheer< sudheer.chava@scheller.gatech.edu >

**Subject:** commentary re: net neutrality

Hi all, Would anyone like to comment on the FCC's changes to net neutrality rules? The IISP is seeking a blog post to share online, on social, and in our final newsletter of the year.

I believe our Policy or Business folks may be most interested in this, but we welcome a range of thoughts about how it could affect other research areas.

Requested deadline is Dec 20.

Thank you!

--

**Tara La Bouff**

*Marketing Communications Manager*

Institute for Information Security & Privacy at the Georgia Institute of Technology

(404) 769-5408 | [tara.labouff@iisp.gatech.edu](mailto:tara.labouff@iisp.gatech.edu)

266 Ferst Drive, Room KACB-3146

Atlanta, GA 30332

[cyber.gatech.edu](http://cyber.gatech.edu) | [@GaTechCyber](https://twitter.com/GaTechCyber)

**From:** Communications of the ACM Digital Edition<communications-digital-edition@acm.org>

**Sent on:** Tuesday, March 23, 2021 1:58:17 PM

**To:** 2850909 Emmanouil Antonakakis<manos@GATECH.EDU>

**Subject:** Communications of the ACM, April 2021



April 2021 (Vol. 64,



[Table of Contents](#)

[Download Issue](#)

[Read Digital Edition](#)

[CACM Apps](#)

[CACM Videos](#)

[CACM Website](#)

[BLOG@CACM](#)

Dear 2850909 Emmanouil Antonakakis,

Welcome to the April 2021 *Communications of the ACM*. The full issue and related content is available through Toolbox atop this email, and also through the [Table of Contents](#) below.

This issue features the Arab World Regional Special Section covering the diverse peoples, research, and accon Arab speaking countries. Hot Topic articles address the strategic pursuit of AI, Arab HCI, building a research univ topics, and Big Trend articles discuss natural language processing, database systems research, preparing an exa and more. Section coordinators Sherif G. Aly, Mohamed Mokbel, and Moustafa Yousef discuss the region anc articles in an original video at [bit.ly/3lBnf2X](https://bit.ly/3lBnf2X).



Also in this issue:

["Succinct Range Filters,"](#) by Huanchen Zhang, *et al.*, presents a fast and compact data structure for approximate tests.

- ["Safe Systems Programming in Rust,"](#) by Ralf Jung, *et al.*, details the Rust programming language, with safety and control. Jung and co-author Derek Dreyer demonstrate how Rust prevents bad programming original video at <http://bit.ly/2O0sBfm>.
- ["Building a Multilingual Wikipedia,"](#) by Denny Vrandečić, describes efforts to create Wikipedia content or available in all languages.
- [And more.](#)

As always, we welcome and appreciate your thoughts and comments about *Communications of the ACM* your feedback to [cacmfeedback@acm.org](mailto:cacmfeedback@acm.org).

Sincerely,

Andrew A. Chien

Editor-in-Chief, *Communications of the ACM*

William Eckhardt Professor, University of Chicago

TABLE OF CONTENTS		HTML	PDF
<b>Cerf's up</b>			
What Does a Static, Sustainable Economy Look Like? By <a href="#">Vinton G. Cerf</a>			
<b>BLOG@CACM</b>			
The SolarWinds Hack, and a Grand Challenge for CS Education By <a href="#">John Arquilla</a> , <a href="#">Mark Guzdial</a>			
<b>News</b>			
The Best of NLP By <a href="#">Chris Edwards</a>			
Deep Learning Speeds MRI Scans By <a href="#">Paul Marks</a>			
The Worsening State of Ransomware By <a href="#">Samuel Greengard</a>			
<b>VIEWPOINTS</b>			
Technology strategy and management			

From Remote Work to Working From Anywhere  
By [Mari Sako](#)



### Broadening participation

Reflections on Black in Computing  
By [Q. Brown](#), [T. Grandison](#), [J. D. Burge](#), [O. C. Jenkins](#), [T. Dillahunt](#)



### Kode Vicious

The Non-Psychopath's Guide to Managing an Open Source Project  
By [George V. Neville-Neil](#)



### Historical reflections

When Hackers Were Heroes  
By [Thomas Haigh](#)



### Viewpoint

Roots of 'Program' Revisited  
By [Liesbeth De Mol](#), [Maarten Bullynck](#)



Building a Multilingual Wikipedia  
By [Denny Vrandečić](#)



### Arab World Regional special section

Welcome  
By [Sherif G. Aly](#), [Mohamed Mokbel](#), [Moustafa Youssef](#)



### Arab World Regional special section: Hot topics

Building a Research University in the Arab Region: The Case of KAUST  
By [E. N. \(Mootaz\) Elnozahy](#)



Building a Preeminent Research Lab in the Arab Region: The Case of QCRI  
By [Ahmed Elmagarmid](#), [Abdellatif Saoudi](#)



Data Science for the Oil and Gas Industry in the Arab Region  
By [Motaz El Saban](#)



The Strategic Pursuit of Artificial Intelligence in the United Arab Emirates  
By [Farah E. Shamout](#), [Dana Abu Ali](#)



An AI-Enabled Future for Qatar and the Region  
By [Ashraf Aboulnaga](#), [Sanjay Chawla](#), [Ahmed Elmagarmid](#), [Mohammed Al-Mannai](#), [Hassan Al-](#)

Sayed



Entrepreneurship Ecosystem in Lebanon  
By [Walid R. Touma](#), [Saad El Zein](#)



Autonomous Driving in the Face of Unconventional Odds  
By [Hesham M. Eraqi](#), [Ibrahim Sobh](#)



Traffic Routing in the Ever-Changing City of Doha  
By [Sofiane Abbar](#), [Rade Stanojevic](#), [Shadab Mustafa](#), [Mohamed Mokbel](#)



ArabHCI: Five Years and Counting  
By [Shaimaa Lazem](#), [Mennatallah Saleh](#), [Ebtisam Alabdulqader](#)



### Arab World Regional special section: Big trends

A Panoramic Survey of Natural Language Processing in the Arab World  
By [Kareem Darwish](#), [Nizar Habash](#), [Mourad Abbas](#), [Hend Al-Khalifa](#), [Huseein T. Al-Natsheh](#), [Houda Bouamor](#), [Karim Bouzoubaa](#), [Violetta Cavalli-Sforza](#), [Samhaa R. El-Beltagy](#), [Wassim El-Hajj](#), [Mustafa Jarrar](#), [Hamdy Mubarak](#)



The Arab World Prepares the Exascale Workforce  
By [David Keyes](#)



Non-Traditional Data Sources: Providing Insights into Sustainable Development  
By [Ingmar Weber](#), [Muhammad Imran](#), [Ferda Ofli](#), [Fouad Mrad](#), [Jennifer Colville](#), [Mehdi Fathallah](#), [Alissar Chaker](#), [Wigdan Seed Ahmed](#)



Cyber Security Research in the Arab Region: A Blooming Ecosystem with Global Ambitions  
By [Christina Pöpper](#), [Michail Maniatakos](#), [Roberto Di Pietro](#)



Unleashing Early Maturity Academic Innovations  
By [Slim Abdennadher](#), [Sherif G. Aly](#), [Joe Tekli](#), [Karima Echihabi](#)



Biomedical Computing in the Arab World: Unlocking the Potential of a Growing Research Community  
By [Seif Eldawlatly](#), [Mohamed Abouelhoda](#), [Omar S. Al-Kadi](#), [Takashi Gojobori](#), [Boris Jankovic](#), [Mohamad Khalil](#), [Ahsan H. Khandoker](#), [Ahmed Morsy](#)



Networking Research for the Arab World: From Regional Initiatives to Potential Global Impact  
By [Basem Shihada](#), [Tamer Elbatt](#), [Ahmed Eltawil](#), [Mohammad Mansour](#), [Essaid Sabir](#), [Slim Rekhis](#), [Sanaa Sharafeddine](#)



Database Systems Research in the Arab World: A Tradition that Spans Decades  
By [Ashraf Aboulnaga](#), [Azza Abouzied](#), [Karima Echihabi](#), [Mourad Ouzzani](#)



Connecting Arabs: Bridging the Gap in Dialectal Speech Recognition

By [Ahmed Ali](#), [Shammur Chowdhury](#), [Mohamed Afify](#), [Wassim El-Hajj](#), [Hazem Hajj](#), [Mourad Abbas](#), [Amir Hussein](#), [Nada Ghneim](#), [Mohammad Abushariah](#), [Assal Alqudah](#)



## Practice

Everything VPN Is New Again  
By [David Crawshaw](#)



## Contributed articles

The (Im)possibility of Fairness: Different Value Systems Require Different Mechanisms For Fair Decision Making  
By [Sorelle A. Friedler](#), [Carlos Scheidegger](#), [Suresh Venkatasubramanian](#)



Safe Systems Programming in Rust  
By [Ralf Jung](#), [Jacques-Henri Jourdan](#), [Robbert Krebbers](#), [Derek Dreyer](#)



## Review articles

Transformers Aftermath: Current Research and Rising Trends  
By [Eduardo Souza Dos Reis](#), [Cristiano André Da Costa](#), [Diórgenes Eugenio Da Silveira](#), [Rodrigo Simon Bavaresco](#), [Rodrigo Da Rosa Righi](#), [Jorge Luis Victória Barbosa](#), [Rodolfo Stoffel Antunes](#), [Márcio Miguel Gomes](#), [Gustavo Federizzi](#)



## Research highlights

Technical Perspective: The Strength of SuRF  
By [Stratos Idreos](#)



Succinct Range Filters  
By [Huanchen Zhang](#), [Hyeontaek Lim](#), [Viktor Leis](#), [David G. Andersen](#), [Michael Kaminsky](#), [Kimberly Keeton](#), [Andrew Pavlo](#)



## Last byte

Roulette Angel  
By [Dennis Shasha](#)



You are receiving this alert because of your subscription to Communications of the ACM.  
To be excluded from future alerts, please click [here](#).

**From:** Communications of the ACM Digital Edition<communications-digital-edition@acm.org>

**Sent on:** Monday, January 27, 2020 1:00:01 PM

**To:** 2850909 Emmanouil Antonakakis<manos@GATECH.EDU>

**Subject:** Communications of the ACM, February 2020



February 2020 (Vol. 63)



[Table of Contents](#)

[Download Issue](#)

[Read Digital Edition](#)

[CACM Apps](#)

[CACM Videos](#)

[CACM Website](#)

[BLOG@CACM](#)

Dear 2850909 Emmanouil Antonakakis,

Welcome to the February 2020 *Communications of the ACM*. The full issue and related content is available through the [Toolbox](#) atop this email, and also through the [Table of Contents](#) below.












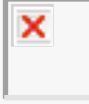
In this issue:

["Toward ML-Centric Cloud Platforms,"](#) by Ricardo Bianchini, *et al.*, describes how machine learning is being leveraged for cloud resource management. Bianchini and co-author Marcus Fontoura discuss Microsoft Research and Microsoft's approach to ML-centric cloud platforms in an original video at <http://bit.ly/2NTizWy>.

- ["Directions for Professional Social Matching Systems,"](#) by Thomas Olsson, *et al.*, looks at computational matching of individuals or groups for vocational collaboration and co-creation.
- ["Tracking Shoppers,"](#) by Keith Kirkpatrick, explains how brick-and-mortar retailers, like their online counterparts, are using technology and to track shoppers through stores and leveraging that data to build sales and customer loyalty.
- ["Fuzzing: Hack, Art, and Science,"](#) by Patrice Godefroid, recommends fuzz testing to detect security vulnerabilities in software. Godefroid describes three core fuzzing techniques in an original video at <http://bit.ly/37>
- And [more](#).

As always, we welcome and appreciate your thoughts and comments about *Communications of the ACM*. Please send your feedback to [cacmfeedback@acm.org](mailto:cacmfeedback@acm.org).

Sincerely,  
 Andrew A. Chien  
 Editor-in-Chief, *Communications of the ACM*  
 William Eckhardt Professor, University of Chicago

TABLE OF CONTENTS		HTML	PDF
<b>From the President</b>			
Start Small, Then Achieve Big Impact By <a href="#">Cherri M. Pancake</a>			
<b>Cerf's up</b>			
On Durability By <a href="#">Vinton G. Cerf</a>			
<b>BLOG@CACM</b>			
Sizing the U.S. Student Cohort for Computer Science By <a href="#">Mark Guzdial</a>			
<b>News</b>			
Learning to Trust Quantum Computers By <a href="#">Chris Edwards</a>			
Dark Web's Doppelgänger Aim to Dupe Antifraud Systems By <a href="#">Paul Marks</a>			
Tracking Shoppers By <a href="#">Keith Kirkpatrick</a>			
<b>VIEWPOINTS</b>			

## Global computing

Are We Losing Momentum?  
By [Carlos Iglesias](#), [Dhanaraj Thakur](#), [Michael L. Best](#)



## Inside risks

Are You Sure Your Software Will Not Kill Anyone?  
By [Nancy Leveson](#)



## Kode Vicious

Numbers Are for Computers, Strings Are for Humans  
By [George V. Neville-Neil](#)



## Viewpoint

When Human-Computer Interaction Meets Community Citizen Science  
By [Yen-Chia Hsu](#), [Illah Nourbakhsh](#)



Guiding Students to Develop Essential Skills  
By [Clif Kusssmaul](#)



## Practice

Opening Up the Baseboard Management Controller  
By [Jessie Frazelle](#)



Optimizations in C++ Compilers  
By [Matt Godbolt](#)



## Contributed articles

Toward ML-Centric Cloud Platforms  
By [Ricardo Bianchini](#), [Marcus Fontoura](#), [Eli Cortez](#), [Anand Bonde](#), [Alexandre Muzio](#), [Ana-Maria Constantin](#), [Thomas Moscibroda](#), [Gabriel Magalhaes](#), [Girish Bablani](#), [Mark Russinovich](#)



Directions for Professional Social Matching Systems  
By [Thomas Olsson](#), [Jukka Huhtamäki](#), [Hannu Kärkkäinen](#)



## Review articles

Fuzzing: Hack, Art, and Science  
By [Patrice Godefroid](#)



## Research highlights

Technical Perspective: Lighting the Way to Visual Privacy  
By [Marco Gruteser](#)



Automating Visual Privacy Protection Using a Smart LED  
By [Shilin Zhu](#), [Chi Zhang](#), [Xinyu Zhang](#)



## Last byte

'Everything Fails All the Time'  
By [Leah Hoffmann](#)



You are receiving this alert because of your subscription to Communications of the ACM.  
To be excluded from future alerts, please click [here](#).



**From:** Communications of the ACM Digital Edition<communications-digital-edition@acm.org>

**Sent on:** Tuesday, January 26, 2021 12:49:48 PM

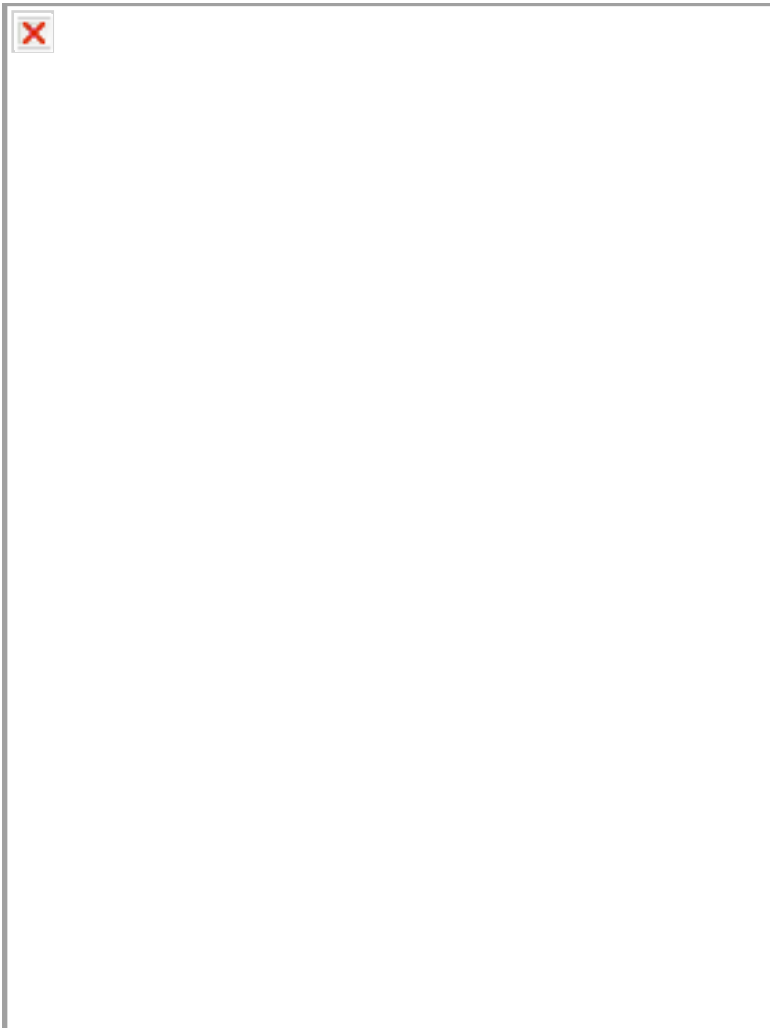
**To:** 2850909 Emmanouil Antonakakis<manos@GATECH.EDU>

**Subject:** Communications of the ACM, February 2021



# COMMUNICATIONS OF THE ACM

February 2021 (Vol. 64)



## CACM TOOLBOX

[Table of Contents](#)

[Download Issue](#)

[Read Digital Edition](#)

[CACM Apps](#)

[CACM Videos](#)

[CACM Website](#)

[BLOG@CACM](#)

Dear 2850909 Emmanouil Antonakakis,

Welcome to the February 2021 *Communications of the ACM*. The full issue and related content is available through the [CACM Toolbox](#) atop this email, and also through the [Table of Contents](#) below.

In this issue:

["AZERTY amélioré: Computational Design on a National Scale,"](#) Anna Maria Feit, et al., reports on the national-level effort to redesign and standardize the special-character layout of the AZERTY keyboard to accommodate the French language. The article demonstrates the new keyboard and describes its advantages in an original video at <http://bit.ly/3c9L>

- ["Let's Not Dumb Down the History of Computer Science,"](#) by Donald Knuth, is a condensed version of Kailath Lecture delivered at Stanford University, which provoked much discussion.
- ["A Review of the Semantic Web Field,"](#) by Pascal Hitzler, provides a selective review of key research on the Web. Hitzler discusses the history of the research and suggests an approach for moving forward in an <http://bit.ly/36dJzct>.
- ["Keeping Science on Keel When Software Moves,"](#) by Dong H. Ahn, et al., presents techniques and tools that computational scientists understand and analyze compiler effects on their code.
- [And more.](#)













As always, we welcome and appreciate your thoughts and comments about *Communications of the ACM*. Please send your feedback to [cacmfeedback@acm.org](mailto:cacmfeedback@acm.org).

Sincerely,

Andrew A. Chien

Editor-in-Chief, *Communications of the ACM*

William Eckhardt Professor, University of Chicago

TABLE OF CONTENTS		HTML	PDF
<b>Editor's letter</b>			
Driving the Cloud to True Zero Carbon By <a href="#">Andrew A. Chien</a>			
<b>Cerf's up</b>			
Half-Baked High-Resolution Referencing By <a href="#">Vinton G. Cerf</a>			
<b>Letters to the editor</b>			
Salary Disputes By <a href="#">CACM Staff</a>			
<b>BLOG@CACM</b>			
Issues Arise When Time Goes Digital By <a href="#">Robin K. Hill</a>			
<b>News</b>			
Moore's Law: What Comes Next? By <a href="#">Chris Edwards</a>			
The State of Virtual Reality Hardware By <a href="#">Logan Kugler</a>			



## VIEWPOINTS

### Economic and business dimensions

When Permissioned Blockchains Deliver More Decentralization Than Permissionless

By [Yannis Bakos](#), [Hanna Halaburda](#), [Christoph Mueller-Bloch](#)



### Education

CAPE: A Framework for Assessing Equity throughout the Computer Science Education Ecosystem

By [Carol L. Fletcher](#), [Jayce R. Warner](#)



### Kode Vicious

Kabin Fever

By [George V. Neville-Neil](#)



### Viewpoint

Cybersecurity: Is It Worse than We Think?

By [Chris Maurer](#), [Kevin Kim](#), [Dan Kim](#), [Leon A. Kappelman](#)



Polanyi's Revenge and AI's New Romance with Tacit Knowledge

By [Subbarao Kambhampati](#)



Let's Not Dumb Down the History of Computer Science

By [Donald E. Knuth](#), [Len Shustek](#)



### Practice

Differential Privacy: The Pursuit of Protections by Default

By [CACM Staff](#)



The Time I Stole \$10,000 from Bell Labs

By [Thomas A. Limoncelli](#)



### Contributed articles

AZERTY amélioré: Computational Design on a National Scale

By [Anna Maria Feit](#), [Mathieu Nancel](#), [Maximilian John](#), [Andreas Karrenbauer](#), [Daryl Weir](#), [Antti Oulasvirta](#)



GDPR Anti-Patterns

By [Supreeth Shastri](#), [Melissa Wasserman](#), [Vijay Chidambaram](#)



Keeping Science on Keel When Software Moves

By [Dong H. Ahn](#), [Allison H. Baker](#), [Michael Bentley](#), [Ian Briggs](#), [Ganesh Gopalakrishnan](#), [Dorit M. Hammerling](#), [Ignacio Laguna](#), [Gregory L. Lee](#), [Daniel J. Milroy](#), [Mariana Vertenstein](#)



## Review articles

A Review of the Semantic Web Field  
By [Pascal Hitzler](#)



DP-Cryptography: Marrying Differential Privacy and Cryptography in Emerging Applications  
By [Sameer Wagh](#), [Xi He](#), [Ashwin Machanavajhala](#), [Prateek Mittal](#)



## Research highlights

Technical Perspective: Programming Microfluidics to Execute Biological Protocols  
By [Nada Amin](#)



BioScript: Programming Safe Chemistry on Laboratories-on-a-Chip  
By [Jason Ott](#), [Tyson Loveless](#), [Chris Curtis](#), [Mohsen Lesani](#), [Philip Brisk](#)



Technical Perspective: Solving the Signal Reconstruction Problem at Scale  
By [Zachary G. Ives](#)



Scalable Signal Reconstruction for a Broad Range of Applications  
By [Abolfazl Asudeh](#), [Jees Augustine](#), [Saravanan Thirumuruganathan](#), [Azade Nazi](#), [Nan Zhang](#),  
[Gautam Das](#), [Divesh Srivastava](#)



## Last byte

Bringing Stability to Wireless Connections  
By [Leah Hoffmann](#)



You are receiving this alert because of your subscription to Communications of the ACM.  
To be excluded from future alerts, please click [here](#).

**From:** [REDACTED]  
**Sent on:** Thursday, March 5, 2020 6:19:55 PM  
**To:** manos@gatech.edu  
**Subject:** Computer Security

Hello, Mr. Antonakakis. My name is [REDACTED] I am a middle school student. I am doing a Social Studies project that requires information on ways hackers hack and ways how people can prevent it. If you have any information about this topic, I would gladly use information from an expert. Some of my questions are: What are some ways hackers can hack? Why do hackers hack? How can people prevent hacking? I would gladly accept any information about these topics. My essential question is "How do hackers hack, and how to people prevent it." If you have any information about this essential question, I would gladly use the information.

Thank You, [REDACTED]

**From:** Payton, Kenya V<kenya.payton@cc.gatech.edu>

**Sent on:** Thursday, February 4, 2021 3:02:07 PM

**To:** Ahamad, Mustaque<mustaq@cc.gatech.edu>; Boldyreva, Alexandra<sasha@gatech.edu>; Kim, Taesoo<taesoo@gatech.edu>; Kolesnikov, Vladimir<kolesnikov@gatech.edu>; Pearce, Paul<pearce@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Anton, Ana I<aianton@gatech.edu>; Anton, Ana I<aianton@gatech.edu>; KOSTYUK, NADIYA<nkostyuk3@gatech.edu>; Zajic, Alenka<alenka.zajic@ece.gatech.edu>; Mueller, Milton L<milton@gatech.edu>; Swire, Peter P<pswire3@gatech.edu>; Goodman, Seymour E<seymour.goodman@inta.gatech.edu>; Lerner, Lee W<lee.lerner@gatech.edu>; Saltaformaggio, Brendan D<brendan@ece.gatech.edu>; Li, Frank<frankli@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>

**CC:** Lee, Wenke<wenke@cc.gatech.edu>; DeMillo, Richard A<rad@gatech.edu>; Doan, Trinh T<trinh.doan@iisp.gatech.edu>; Ndongi, Elizabeth N<ndongi@cc.gatech.edu>; Preston, Joshua I<jpreston@cc.gatech.edu>

**Subject:** CORRECTION - Re: SCP Master list - Faculty Recruiting Spring 2021

Correct link below:

[SCP Master List Faculty Recruitment 2021](#)

My apologies all!

Cheers,

Kenya

---

**From:** Kenya Payton <kenya.payton@cc.gatech.edu>

**Date:** Thursday, February 4, 2021 at 7:47 AM

**To:** "Ahamad, Mustaque" <mustaq@cc.gatech.edu>, "Boldyreva, Alexandra" <sasha@gatech.edu>, "Kim, Taesoo" <taesoo@gatech.edu>, "Kolesnikov, Vladimir" <kolesnikov@gatech.edu>, "Pearce, Paul" <pearce@gatech.edu>, "Keromytis, Angelos D" <angelos@gatech.edu>, "Anton, Ana I" <aianton@gatech.edu>, "Anton, Ana I" <aianton@gatech.edu>, "KOSTYUK, NADIYA" <nkostyuk3@gatech.edu>, "Zajic, Alenka" <alenka.zajic@ece.gatech.edu>, "Mueller, Milton L" <milton@gatech.edu>, "Swire, Peter P" <pswire3@gatech.edu>, "Goodman, Seymour E" <seymour.goodman@inta.gatech.edu>, "Lerner, Lee W" <lee.lerner@gatech.edu>, "Saltaformaggio, Brendan D" <brendan@ece.gatech.edu>, "Li, Frank" <frankli@gatech.edu>, "Antonakakis, Manos" <manos@gatech.edu>

**Cc:** "Lee, Wenke" <wenke@cc.gatech.edu>, "DeMillo, Richard A" <rad@gatech.edu>, "Doan, Trinh T" <trinh.doan@iisp.gatech.edu>, "Ndongi, Elizabeth N" <ndongi@cc.gatech.edu>, "Preston, Joshua I" <jpreston@cc.gatech.edu>

**Subject:** SCP Master list - Faculty Recruiting Spring 2021

Hi all,

We have several virtual interviews scheduled and more to add.

Here's the link to [SCP Master List Faculty Recruitment 2021](#)

Please click on the schedule links to add your contact information to meet with each candidate. We would like for as many faculty as possible to meet, especially the FRC members.

As always, feel free to contact me with any questions.

Thanks much, happy faculty recruiting season!

Kenya

**Kenya Payton**

Assistant to the School Chair

School of Cybersecurity and Privacy

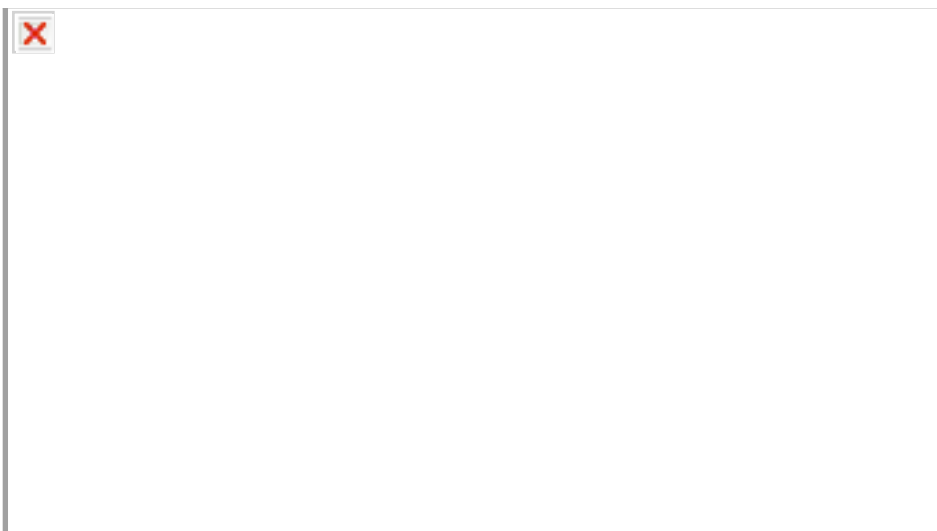
T: 404.894.6711

C: 404.808.4934

Have a wonder-filled day!

**From:** Georgia Tech Daily Digest<dailydigest@gatech.edu>  
**Sent on:** Tuesday, September 21, 2021 4:08:28 PM  
**To:** dailydigest@lists.gatech.edu  
**Subject:** Covid-19 Testing; Workplace Learning; Worker Safety Grant

Having trouble viewing this email? [View it in your browser.](#)



## Testing Remains Vital in Controlling Spread of Covid-19

Since Georgia Tech launched its asymptomatic surveillance testing program last year, more than 370,000 Covid-19 tests have been administered to the Tech community. Testing remains critical, even for those who are vaccinated, because it is the only way to detect an infection before it puts others at risk.

[Full Story](#)



### Upcoming Events

#### Students Organizing for Sustainability General Meet

**Today**

11 a.m. – noon

Room 205, Instructional Center

#### Career Center Presents: Graduate Student Interview Lab

**Today**

Noon – 1 p.m.

Online

#### Keiretsu Forum South-East September Meeting

**Wednesday, Sept. 22**

8 a.m. – noon

Online

#### Career Center Presents: Why Pursue a Co-op or an Internship?

**Wednesday, Sept. 22**

1 – 2 p.m.

Online

## Find Your Next Learning Opportunity

After a recent move aimed at centralizing workforce development and professional learning at Georgia Tech, a new online hub is now available to serve the development needs of the campus community.

[Full Story](#)

### Impact Presents: A Panel on Voting and Community Engagement

**Wednesday, Sept. 22**

5 – 6 p.m.

Online

### Pride Alliance General Meeting

**Wednesday, Sept. 22**

6 – 7 p.m.

Room 1133, Mason Building

### Career Center Presents: Interview Prep – How to Identify and Highlight Your Skills

**Thursday, Sept. 23**

11 a.m. – noon

Online

### 2021 Emory/Georgia Tech Hackathon Disaster Hack

**Sept. 23–26**

Online

[More Events](#)

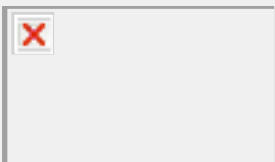
## Georgia Tech Earns Grant for Worker Safety Health Training

The U.S. Department of Labor's Occupational Safety and Health Administration is awarding more than \$6.7 million in grants to 37 nonprofits and universities nationwide. Georgia Tech's award will provide 1-hour and 6.5-hour Covid-19 training sessions to 475 employers and workers in the long-term healthcare and mortuary industries.

[Full Story](#)

## Campus Updates

### Get Vaccinated

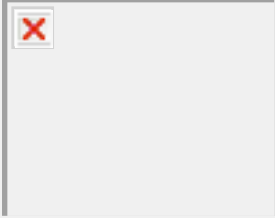


Covid-19 vaccines are available to all Georgia Tech students, faculty, and staff, as well as their family members ages 12 and older. Vaccines are now being administered at Stamps Health Services today and every Tuesday.

[Get Vaccinated](#)



## Get Your Weekly Test



Fast and free saliva-based asymptomatic testing is available to all students, faculty, and staff. Keep testing weekly, even if you have been vaccinated, to help make Georgia Tech as safe and healthy as possible.

[Get Tested](#)

---

[Georgia Tech](#)  [News Center](#)  [Archive](#)  [Suggest A Feature](#)



---

**This email was sent to [dd92@gatech.edu](mailto:dd92@gatech.edu)**

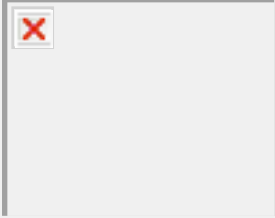
To stop receiving these emails, please [use our unsubscribe form](#).

Make sure to unsubscribe using the email address that this message was sent to ([dd92@gatech.edu](mailto:dd92@gatech.edu)).

Trouble unsubscribing? [View unsubscribe instructions](#).

Georgia Institute of Technology  
Institute Communications  
177 North Avenue  
Atlanta, GA 30332  
Phone: 404.894.0870  
[comm.gatech.edu](http://comm.gatech.edu)

## Get Your Weekly Test



Fast and free saliva-based asymptomatic testing is available to all students, faculty, and staff. Keep testing weekly, even if you have been vaccinated, to help make Georgia Tech as safe and healthy as possible.

[Get Tested](#)

---

[Georgia Tech](#)  [News Center](#)  [Archive](#)  [Suggest A Feature](#)



---

**This email was sent to [manos@gatech.edu](mailto:manos@gatech.edu)**

To stop receiving these emails, please [use our unsubscribe form](#).

Make sure to unsubscribe using the email address that this message was sent to ([manos@gatech.edu](mailto:manos@gatech.edu)).

Trouble unsubscribing? [View unsubscribe instructions](#).

Georgia Institute of Technology  
Institute Communications  
177 North Avenue  
Atlanta, GA 30332  
Phone: 404.894.0870  
[comm.gatech.edu](http://comm.gatech.edu)

**From:** [REDACTED]  
**Sent on:** Tuesday, October 24, 2017 6:22:53 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** Mueller, Milton L<milton@gatech.edu>  
**Subject:** CS 6262- MS CS- Policy Student

Dear Dr. Antonakakis,

I am a master student in Cyber Security- Policy. This is the first year that the program has been run within the Public Policy school so we are still figuring out how classes will work for policy students, as we have to take CS 6035 and a second CS class for our curriculum. This semester I am in Dr. Lee's CS 6035 and he has tweaked the projects that rely heavily on coding for the policy students to make them more feasible for us. I am interested in taking your network security class next semester and wanted to reach out to see if you would work with me (and potentially other policy students) to succeed in the class by potentially shifting some of the projects so that they are doable for us (if they rely heavily on coding).

If you would prefer to meet in person or to talk to one of my advisors, please let me know. I have CC'd Dr. Milton Mueller who is currently helping to run the MS Cyber Security- Policy program.

Sincerely,

[REDACTED]

**From:** Georgia Tech Daily Digest<dailydigest@gatech.edu>  
**Sent on:** Thursday, May 17, 2018 3:00:02 PM  
**To:** dailydigest@lists.gatech.edu  
**Subject:** Cybersecurity Grant; Van Leer Engineer; Cuba's Offline Internet

Having trouble viewing this email? [View it in your browser.](#)



Thursday, May 17



## Upcoming Events

### Baseball vs. Duke

**Today**  
7 p.m.  
Russ Chandler Stadium

## Tech Gets \$12.8M for Cybersecurity Project

The four-year award is for researchers to develop fundamentally new techniques designed to dramatically accelerate the detection and remediation of infections in local and remote networks.



### Last Chance Room Change Days

**Through May 18**  
[housing.gatech.edu](http://housing.gatech.edu)



### Summer Registration/Schedule Char Deadline for Returning Students

**Friday, May 18**  
4 p.m.  
[buzzport.gatech.edu](http://buzzport.gatech.edu)

## Full-Time Student, Part-Time Project Engineer

Rachel Brashear, a civil engineering major, is helping build Tech's newest maker space at the Van Leer Building.

### Fall Phase I Registration En

**Friday, May 18**  
4 p.m.  
[buzzport.gatech.edu](http://buzzport.gatech.edu)

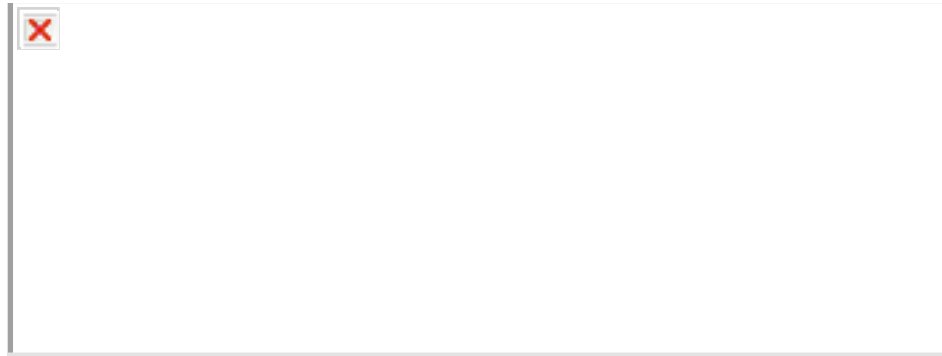


## Baseball vs. Duke

Friday, May 18

6 p.m.

Russ Chandler Stadium



## Baseball vs. Duke

Saturday, May 19

1 p.m.

Russ Chandler Stadium

## Looking into Cuba's 'Offline Internet'

Computing researcher Michaelanne Dye studies "El Paquete," which is compiled by people with internet access, sold to "paqueteros" (packagers), and distributed throughout communities in the form of data on a USB drive.



## Payment Deadline for All Summer Sessions

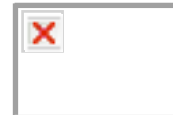
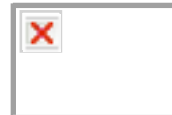
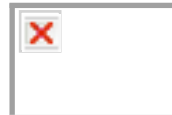
Monday, May 21

4 p.m.

[bursar.gatech.edu](http://bursar.gatech.edu)



[Georgia Tech](#)  [News Center](#)  [Archive](#)  [Suggest A Feature](#)



This email was sent to [manos@gatech.edu](mailto:manos@gatech.edu)

To stop receiving these emails, please [use our unsubscribe form](#).

Make sure to unsubscribe using the email address that this message was sent to ([manos@gatech.edu](mailto:manos@gatech.edu)).

Trouble unsubscribing? [View unsubscribe instructions](#).

Georgia Institute of Technology

Institute Communications

177 North Avenue

Atlanta, GA 30332

Phone: 404.894.0870

[comm.gatech.edu](http://comm.gatech.edu)

**From:** Georgia Tech's Institute for Information Security & Privacy<info@iisp.gatech.edu>

**Sent on:** Monday, July 10, 2017 1:22:21 PM

**To:** Manos Antonakakis<manos@gatech.edu>

**Subject:** Cybersecurity News & Commentary from Georgia Tech - July edition: Source Port





**July 2017 e**

*The Source Port is Georgia Tech's monthly cybersecurity newsletter, featuring commentary from its researchers about what's the news, what wasn't written between the lines, the big (and sometimes nagging) questions driving our research, and projects underway. This message contains trackable links via Benchmark Email (using the domain cyber.benchmark.com to direct to*

## Cybersecurity News Commentary



### WannaCry raises the need for VEP tech policy and more

Since WannaCry broke in May, an important lesson picked up by tech policy experts has been the need to improve what is called the “vulnerabilities equities process” (VEP). The NSA has long had this process to weigh the benefits of a spying tool (such as breaking into an adversary’s computer system) with the costs (such as leaving civilian computers open to the same attack). In 2013, I was part of President Obama’s [NSA Review Group](#), and that administration [accepted](#) our recommendation to shift the VEP to the White House and



recommendation to shift the VEP to the White House and involve more agencies and perspectives, especially to highlight the risk to the economy and our own infrastructure from vulnerabilities that are not patched. Experience with WannaCry shows, however, that improving the VEP is not enough to create good security... [More](#)



## China Deploys Facial Recognition and AI for Wholesale Surveillance

Using its existing database of photographs from government-issued identification cards and from images harvested via social media, the Chinese government intends to roll out a massive facial recognition system. Designed to influence behavior and to deter lawbreakers, the system will combine approximately 600 million networked cameras with artificial intelligence algorithms.

and is expected to be in place by 2020. As a part of the

initiative, the Chinese government also plans to institute a rating system for individuals' behavior in professional, financial, and public settings. According to *The Wall Street Journal*, while an orchestrated national campaign is still a long way off, facial recognition in China is already used in limited areas to make arrests and track people in restrooms, churches, and public parks... [More](#)



## Protecting what doesn't look like a computer...

Traditionally in manufacturing, there was a gap in connected devices on the manufacturing floor. A byproduct of that was that an industrial network was physically isolated and therefore less susceptible to cyberattacks. Now, the transition from closed legacy systems to modern, connected platforms is fraught with obstacles, notably around security, says ABI Research in a recent report, "[Critical Infrastructure Security: Transportation.](#)" The report outlines the market potential for better security of operational technologies... [More](#)



## **New Cybersecurity Law in China Goes Into Effect**

Chinese lawmakers passed a wide-reaching new cybersecurity law that went into effect June 1. Controversial measures include mandates for data storage residence in China, security reviews of goods and services, and sharing with government officials – all of which threaten to inhibit trade relations with international partners in an already contentious political environment. It's still unclear how various tenets of the law will be carried out in practice, but steep penalties for non-compliance are already in place... [More](#)

## **Girl Scouts Bring New Meaning to "Patching Networks"**

Palo Alto Networks and the Girl Scouts of America have partnered up to release new merit badges for accomplishments in cybersecurity. Designed to get youth thinking about secure coding, identity theft and online privacy, the program is part of a concerted effort by the Girl Scouts to broaden their existing STEM investments. Current Girl Scout badges do address topics like geocaching or web development, but coding and security have not been a focus to date. Experts from Palo Alto Networks will advise on curriculum benchmarks and educational guidance for a series of 18 badges starting in the fall of 2018... [More](#)

## Google Takes Two Steps to Protect User Privacy

*National Technology Security Council* *Los Angeles Times*  
June 23, 2017

## The Human Error of Ignoring Machine Learning Cybersecurity

June 22, 2017

## Malware Discovered that Could Threaten Electrical Grid

*USA Today*  
June 12, 2017

## Mueller's New Book: Will the Internet Fragment?

*Internet Governance Lab*

June 7, 2017

## Privacy & Social Media with Jesse Woo

*The Privacy Scout on Soundcloud*  
June 5, 2017

## Android Exploit Wins IEEE Award

*College of Computing News*  
June 1

# Upcoming

## July 26-27 Black Hat USA 2017

Georgia Tech presents vulnerabilities discovered in the Android operating system and in algorithms used by several anti-virus tools.

## Aug. 16 USENIX Security 2017

Georgia Tech brings seven research papers, including new details about understanding the Mirai botnet, firm-grained control flow inside Intel's SGX, and detecting malicious hijacks of the additive manufacturing process.

## Aug. 25 Cybersecurity Lecture Series

The popular, free and open-to-the-public Friday lecture series will resume Aug. 25 on Georgia Tech's campus. [Receive schedule alerts.](#)

## Sept. 27 Georgia Tech Cyber Security Summit

The 15th annual summit returns to the GTRI Conference Center for a day of research demonstrations, keynote breakout sessions, and more dedicated to the topic of cyber attribution and traceback. Save your seat! Registration is more than 50% full.

[RSVP.](#)

[View this email in your browser](#)

You are receiving this email because of your relationship with Institute for Information Security & Privacy. Please [reconfirm](#) your interest in receiving emails from us. If you do not wish to receive any more emails, you can [unsubscribe here](#).

This message was sent to manos@gatech.edu by info@iisp.gatech.edu

Klaus Advanced Computing Building 266 Ferst Drive , Atlanta, GA, 30332



[Unsubscribe](#) |  
[Manage Subscription](#) |  
[Forward Email](#) |  
[Report Abuse](#)



**From:** ACM Learning Center<learning@acm.org>  
**Sent on:** Tuesday, December 21, 2021 6:00:05 PM  
**To:** 2850909 Emmanouil Antonakakis<manos@GATECH.EDU>  
**Subject:** December 2021 ACM Learning Center Bulletin

ACM Learning Center  
December 21, 2021



## Welcome to the ACM Learning Center Bulletin

Welcome to the December 2021 ACM Learning Center Bulletin, keeping you current on the many online links to help extend our members' skills and knowledge. To suggest addition of books, courses, future TechTalks, just offer feedback, please [contact us](#).

### ACM Learning Center

#### TOP STORIES

- [Listen to the Latest Episode of ACM ByteCast Podcast with ACM Grace Murray Hopper Award Recipient](#)
- [Register Now: "The Art of Concurrency in Go" with Johnny Boursiquot](#)
- [Available on Demand: "The Essence of Software \(Or Why Systems Often Fail by Design, and How to Avoid It\)" with Daniel Jackson](#)
- [Available on Demand: "Getting Started with Kubernetes" with Nigel Poulton](#)
- [Available on Demand: "Machine Learning for Algorithm Design" with Maria Florina Balcan](#)

#### LEARNING CENTER: Books, Courses, Videos

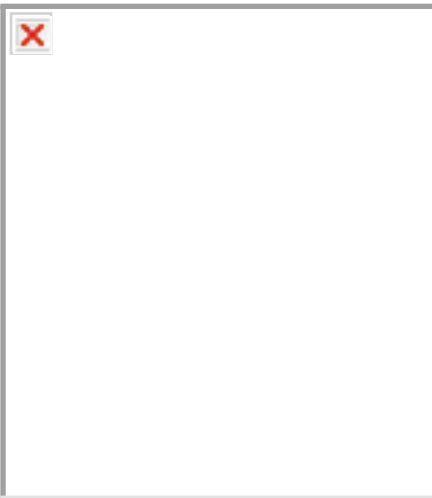
- [Featured Skillsoft Course: SSCP 2021: Secure Virtual & Cloud Environments](#)
- [Featured Skillsoft Book: Snowflake Security: Securing Your Snowflake Data Cloud](#)
- [Featured O'Reilly Title: Practical AI for Healthcare Professionals: Machine Learning with Numpy, Scikit-Learn, and TensorFlow](#)
- [ACM Interview: Jeanne Lim: Co-founder and CEO, beingAI Limited](#)

## NEWS/RESOURCES

- [ACM Queue Featured Article: I Unplugged What?](#)
- [Explore ACM Selects](#)
- [Volunteer Your Computing Skills for a Social Good with ACM and SocialCoder](#)

## IN THE SPOTLIGHT

Listen to the Latest Episode of ACM ByteCast Podcast with ACM Grace Murray Hopper Award Recipient, Rashmi Mohan. ACM ByteCast is a podcast series from ACM's Practitioner Board in



Mohan and Scott Hanselman interview researchers, practitioners, and innovators who are at the intersection of research and practice. In each monthly episode, guests will share their experiences, the lessons they've learned, and their visions for the future of computing.

In the latest episode of ACM ByteCast, Rashmi Mohan hosts 2017 ACM Grace Murray Hopper Award recipient Rashmi Mohan, the Alfred Winborne and Victoria Stover Mordecai Assistant Professor of Biomedical Sciences at Duke University and the Alfred Winborne and Victoria Stover Mordecai Assistant Professor of Biomedical Engineering at Duke University. She is also Assistant Professor of Computer Science and Biomedical Engineering at Duke University and the Alfred Winborne and Victoria Stover Mordecai Assistant Professor of Computer Science and Biomedical Engineering at Duke Cancer Institute. She has received the National Science Foundation Career Award and was selected as one of the top 100 researchers to work on the Aurora Exascale Supercomputer. Her visionary work in simulating blood flow in a system called HARVEY led her to be featured in the *MIT Technology Review* Innovators Under 35 list.

Listen to the episode [here](#), or wherever you get your podcasts, and check out the [ByteCast archive](#) for more.

Register Now: "The Art of Concurrency in Go" with Johnny Boursiquot

Register now for the next free ACM TechTalk, "[The Art of Concurrency in Go](#),"



January 11 at 12:00PM ET/9:00AM PT by Johnny Boursiquot, Platform Observability Engineer at Salesforce. Register for a discussion on [ACM's Discourse Page](#). You can view our entire archive of past ACM TechTalks on [demarlearning.acm.org/techtalks-archive](http://demarlearning.acm.org/techtalks-archive).

learning.acm.org/techtalks-archive

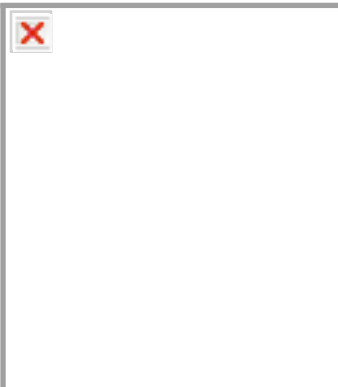
Available on Demand: "The Essence of Software (Or Why Systems Often Fail by Design, and How to Fix Them)" by Daniel Jackson



In case you missed it live, view the recent ACM TechTalk, "The Essence of Software"

Often Fail by Design, and How to Fix Them)," by Daniel Jackson, ACM Fellow and Professor of Computer Science at Fairbanks, Software Engineer at Google, moderated the questions and answers session following the talk. You can view our entire archive of past ACM TechTalks on demand at [learning.acm.org/techtalks-archive](http://learning.acm.org/techtalks-archive).

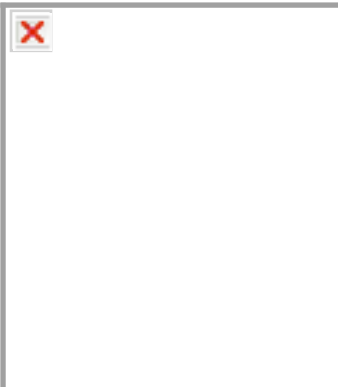
Available on Demand: "Getting Started with Kubernetes" with Nigel Poulton



In case you missed it live, view the recent ACM TechTalk, "Getting Started with Kubernetes"

Nigel Poulton, Kubernetes and Docker trainer. Dominic Holt, CEO of Harpoon Corp and member of the ACM Program Committee, moderated the questions and answers session following the talk. Continue the discussion or view our entire archive of past ACM TechTalks on demand at [learning.acm.org/techtalks-archive](http://learning.acm.org/techtalks-archive).

Available on Demand: "Machine Learning for Algorithm Design" with Maria Florina Balcan



In case you missed it live, view the recent ACM TechTalk, "Machine Learning for Algorithm Design"

presented by Maria Florina Balcan, Cadence Design Systems Professor of Computer Science, Carnegie Mellon University, moderated the questions and answers session following the talk. You can view our entire archive of past ACM TechTalks on demand at [learning.acm.org/techtalks-archive](http://learning.acm.org/techtalks-archive).



## Learning Center Books and Courses

### SSCP 2021: Secure Virtual & Cloud Environments



This month's featured Skillsoft course is [SSCP 2021: Secure Virtual & Cloud Environments](#)

As the security landscape changes in tandem with the evolution of technology. As virtualization and cloud computing have associated security tools, techniques, and regulations. Ensure your security knowledge is up-to-date with this exam preparatory course.

To access this and more than 6,000 Skillsoft Learning Collections courses, visit the [ACM Learning Center](#) in the top right corner, and log in with your member credentials.

### Featured Skillsoft Book: Snowflake Security: Securing Your Snowflake Data Cloud



This month's featured Skillsoft book is [Snowflake Security: Securing Your Snowflake Data Cloud](#)

This book is for data engineers, data privacy professionals, and security teams either with security knowledge (or data security knowledge) or with data engineering knowledge; in other words, either “Snowflake people” who want to get security right, or “security people” who want to make sure that Snowflake gets handled right.

To access this and more than 11,600 Skillsoft Learning Collections eBooks, visit the [ACM Learning Center](#) in the top right corner, and log in with your member credentials.

### Featured O'Reilly Title: Practical AI for Healthcare Professionals: Machine Learning with Numpy, Scikit-learn



This month's featured O'Reilly title is [Practical AI for Healthcare Professionals: Machine Learning with Numpy, Scikit-learn](#)

with Numpy, Scikit-learn, and TensorFlow. Use Artificial Intelligence (AI) to analyze and diagnose what problems handled by trained medical professionals. This book gives an introduction to practical AI, focusing on real-world problems and how to solve them with actual code, and how to evaluate the efficacy of these solutions.

ACM's O'Reilly collection is available for Professional Members. To access this and more than 65,000 award-winning technical books, full-length video courses, O'Reilly Conference videos, and learning paths visit the [ACM O'Reilly](#) in the top right corner, and log in with your member credentials.

**ACM Interview: Jeanne Lim: Co-founder and CEO, beingAI Limited**



Tune in as the leaders, innovators, and entrepreneurs advancing computing as a

discuss their background, experience, and career highlights, all while providing invaluable insights and information for computing professionals in this ongoing [series of exclusive interviews](#) conducted by Stephen Ibaraki, Member of the ACM Practitioners Board.

In a recent [ACM Video Interview](#), Stephen Ibaraki spoke with Jeanne Lim, the Co-founder and CEO of beingAI, a transmedia AI company creating AI beings™ that build long-term engagement and trust with digital-native consumers anytime, across devices and media platforms. The company aims to bring humanness into digital experiences, promoting positivity and social good.

## NEWS/RESOURCES

**ACM Queue Featured Article: I Unplugged What?**

After the latest large systems failure, Kode Vicious shares his thoughts on how such a large company—with many smart people at its disposal—can fail so miserably at infrastructure. How is it possible that these large failures happen? [Read the full article here.](#)

**Explore ACM "Selects"**

The ACM Practitioner Board has launched ACM Selects, themed shortlists curated by subject matter experts and emerging computing professionals, with the goal of providing new ways to discover relevant resources, all authenticated by ACM-affiliated specialists. Each Select presents 5 to 7 learning resources in an easily digestible format. [View the latest selects here.](#)

**Volunteer Your Computing Skills for Good with ACM and SocialCoder**

You can use your technical skills for social good and offer volunteer support on software development projects for people who could not otherwise afford it. SocialCoder connects volunteer programmers/software developers with organizations that need help. It helps match them to suitable projects based on their skills, experience, and the causes they care about. Learn more about the partnership with SocialCoder, and how you can get involved.

---

You are subscribed with: manos@GATECH.EDU

[Unsubscribe](#)

Association for Computing Machinery  
1601 Broadway, 10th Floor, New York, NY 10019



Copyright © 2021, ACM, Inc. All rights reserved

Connect with us:



**From:** Georgia Tech Daily Digest<dailydigest@gatech.edu>  
**Sent on:** Wednesday, January 9, 2019 3:23:04 PM  
**To:** dailydigest@lists.gatech.edu  
**Subject:** December in Photos; Getting to Know Tech; HR Circles

Having trouble viewing this email? [View it in your browser.](#)



Wednesday, January 9

## Upcoming Events

### Epic Intentions Information Session

**Today**

5 – 6 p.m.

Room 249, Skiles Building

### Sustainable Development and Climate Change in Italy Info Session

**Thursday, Jan. 10**

11 – 11:45 a.m.

Room 104, D.M. Smith Building

### Georgia Tech-Lorraine Information Session

**Thursday, Jan. 10**

11 – 11:50 a.m.

Room 123, Clough Commons

### Welcome to America: Navigating Life in Atlanta at Georgia Tech

**Thursday, Jan. 10**

11 a.m. – noon

Crescent Room, Student Center

## December in Photos

Final showcases, late-night fun, and graduation celebrations.

[Full Story](#)



## Getting to Know Tech: Jordan Eggleston

This computational media major has interned at Cartoon Network Digital and plans to go into video game development.

Full Story

## New Professional Development Opportunity for Managers



Participants will be placed into groups of eight to 10 and r  
topics of interest, build connections, and enhance their m  
Registration is now open.

Full Story

### Women's Basketball vs. Dul

Thursday, Jan. 10

7 p.m.

McCamish Pavilion

### AlcoholEdu/Sexual Assault Prevention Part 1 Deadline

Friday, Jan. 11

[Online](#)

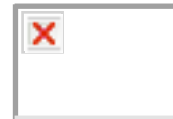
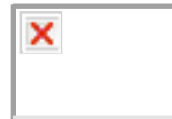
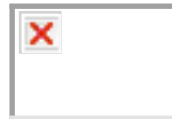
More Events

Georgia Tech

News Center

Archive

Suggest A Feature



This email was sent to [manos@gatech.edu](mailto:manos@gatech.edu)

To stop receiving these emails, please [use our unsubscribe form](#).

Make sure to unsubscribe using the email address that this message was sent to ([manos@gatech.edu](mailto:manos@gatech.edu)).

Trouble unsubscribing? [View unsubscribe instructions](#).

Georgia Institute of Technology  
Institute Communications  
177 North Avenue  
Atlanta, GA 30332  
Phone: 404.894.0870  
[comm.gatech.edu](http://comm.gatech.edu)

**From:** Georgia Tech Daily Digest<dailydigest@gatech.edu>  
**Sent on:** Thursday, January 2, 2020 2:57:14 PM  
**To:** dailydigest@lists.gatech.edu  
**Subject:** December in Photos; Science Fiction Day

Having trouble viewing this email? [View it in your browser.](#)



Thursday, January 2

## Upcoming Events

### Time Tickets Released for Spring Phase II Registration

**Today**  
Online

### Women's Basketball vs. Miami

**Today**  
7 p.m.  
McCamish Pavilion

### Spring Phase II Registration Opens

**Friday, Jan. 3**  
Online

### Digital Fabrication Lab Showcase

**Monday, Jan. 6**  
4 – 6 p.m.  
Digital Fabrication Lab  
676 Marietta Street

## December in Photos

Exploring space, the BeltLine, and Commencement ceremonies.

[Full Story](#)



## 6 Things to Read for Science Fiction Day

Choose a classic tale or a robot cartoon — several of which are available from the Georgia Tech Library — to celebrate today's commemoration, and learn about Tech's science fiction studies program.

Wednesday, Jan. 8  
9 p.m.  
McCamish Pavilion

Full Story

More Events

Georgia Tech  News Center  Archive  Suggest A Feature



This email was sent to [manos@gatech.edu](mailto:manos@gatech.edu)

To stop receiving these emails, please [use our unsubscribe form](#).  
Make sure to unsubscribe using the email address that this message was sent to ([manos@gatech.edu](mailto:manos@gatech.edu)).

Trouble unsubscribing? [View unsubscribe instructions](#).

Georgia Institute of Technology  
Institute Communications  
177 North Avenue  
Atlanta, GA 30332  
Phone: 404.894.0870  
[comm.gatech.edu](http://comm.gatech.edu)



**From:** IEEE Membership Team<ieee-membership@deliver.ieee.org>

**Sent on:** Wednesday, December 2, 2020 4:18:57 PM

**To:** manos@gatech.edu

**Subject:** December Member Benefits Bulletin

To view this email as a web page, [click here](#)

# IEEE MEMBER BENEFITS BULLETIN

DECEMBER 2020

*GET THE MOST FROM YOUR MEMBERSHIP*

As an IEEE member, you have access to an exclusive library of educational and technical resources at your fingertips. Here are this month's highlights:

- Latest conversations on IEEE Collabratec
- Announcement of early renewal winners
- Special gift idea
- Savings on ILN courses
- Upcoming virtual events
- This month in IEEE History

To ensure you see all of the great member benefits this month we suggest you open the email in your browser using the link at the top of this email.



## WHAT MEMBERS ARE TALKING ABOUT

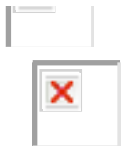
Popular discussions happening on IEEE Collabratec™ - Click to join the conversations.



[Ethical and Social Implications of AI — Artificial Intelligence](#)

[COVID-19 Has Accelerated Digital Transformation — Digital Realities](#)







## [Gift IEEE membership to someone on your list](#)

Give the gift of IEEE Membership to a new Professional member. Offer is valid through 15 January 2021. You might also be eligible for referral awards. *Savings automatically applied.*

**GIFT MEMBERSHIP**

Spread knowledge this season with a gift they'll really thank you for!



## [EDUCATIONAL AND CAREER RESOURCES](#)

### [TryEngineering Tuesday - Coding](#)

Everyone from rock stars to NBA players are learning to code. Explore this field today.

### [\[FLASH SALE\] Save US\\$20 on new IEEE Learning Network courses](#)

Check out the newest courses on Artificial Intelligence Standards and Machine Learning.

### [Three Tips for Improving Interdepartmental Relations](#)

In organizations big and small, effective communications between departments isn't easy. Help get everyone in your organization on the same page.



## GET INVOLVED

### IEEE DataPort Competition: Electricity Demand Forecasting

This IEEE Data Competition offers substantial cash prizes (**1st place - US\$5000, 2nd place - US\$3500 and 3rd place - US\$1500; prize money generously provided by the IEEE Foundation**). The competition is FREE to all members who would like to participate.

### IEEE Connect Badge now available on IEEE Collabratec!

The Connect Badge Challenge is designed to create connections across IEEE's global technical network. Your badge journey will introduce you to support and resources available from IEEE, in a fun and interactive way.



IEEE is a strong community with so many options for young researchers like me to participate. I get to meet other researchers and am encouraged to do something exciting. I believe that IEEE membership offers a great opportunity to have networking opportunities at IEEE events. Throughout my involvement, I was given the chance to develop leadership skills.

**Naznin Akter**

*Graduate Research Assistant, Florida International University*

[SUBMIT YOUR OWN TESTIMONIAL](#)



## FREE VIRTUAL EVENTS

<b>Writing for Professional Publications and Using them Effectively</b>	<b>11AM (EST)</b>
<b>IEEE Computer Society Launches New Distinguished Contributor Recognition Program</b>	<b>12PM (EST)</b>
<b>IEEE Virtual Tech Talk: IEEE 802 Networking Standards – 802.22 TV White Space</b>	<b>9AM (EST)</b>
<b>Interviews That Get Results</b>	<b>2PM (EST)</b>
<b>IEEE 802 Networking Standards – Connecting the World: Part I</b>	<b>11AM (EST)</b>
<b>Solutions Thinking 101</b>	<b>11AM (EST)</b>

**The Fantastic Five, the 5 Soft Skills Every Technical Professional Should Develop** 11AM (E)

**Free Virtual Conference on Effective Remote Instruction** On-Dem:

**Global Health, Wellness and Technology in a Post-COVID World** On-Dem:

**Register for the IEEE Summit on Communications Futures**

Have you ever wondered what the future of communications looks like? Could you, your company, or your industry benefit from better understanding the intersection of the most talked-about technologies? The IEEE Summit on Communications Futures (ComFutures 2021) will be taking place virtually on 16-17



## FEATURED MEMBER DISCOUNTS

### Alternatives to your employer coverage

EEE members' [dental insurance](#) and [vision discounts](#) offer superior benefits and affordable group rates.

### Save 15% on educational programs for kids

Help teach kids (ages 10+) robotics, coding, and engineering skills through STEM kits and live and on-demand examples of projects include robots, drones, weather stations, and other electronics devices that prepare for the skill-based economy. ***Sign in to the Member Discounts Marketplace to access this deal.***

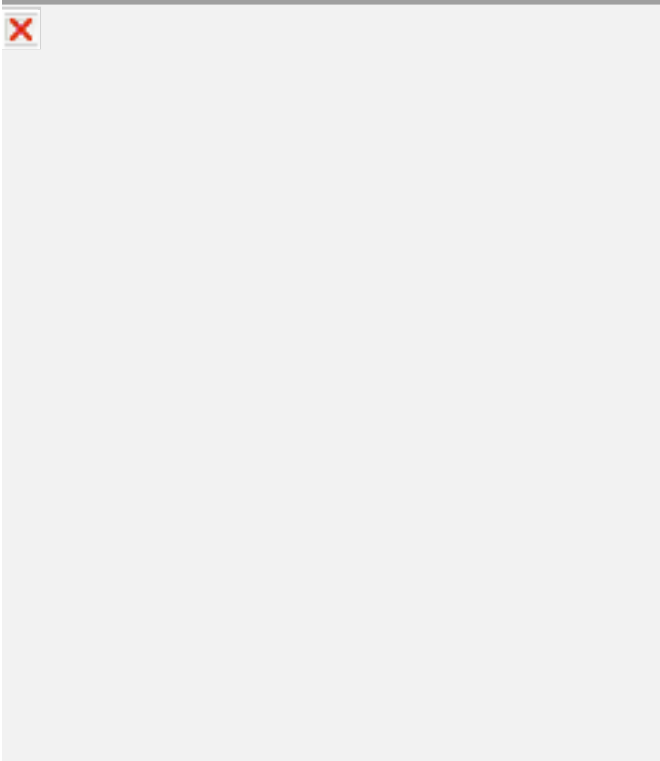
### Save on over 40% off America's #1 estate planning software

A step-by-step interview format lets you complete documents at your own pace. The package includes a customized estate plan, including a will, living trust, health care directive, financial power of attorney, and other essential documents.

***Sign in to the Member Discounts Marketplace to access this deal.***



## E-BOOKS AND PUBLICATIONS



### Electrical Engineering Activities for the Next Generation

This e-Book helps teachers, higher educators, and parents inspire the next generation of engineers through hands-on activities.

[DOWNLOAD NOW](#)



## VIDEOS AND LIVE STREAMING



IEEE Educational Activities Board (EAB) Awards recognize contributions to engineering and technical education. EAB award recipients today!

[WATCH VIDEO](#)



## GIVING BACK

### Give teens the opportunity to explore a variety of engineering disciplines

Your involvement is critical to helping build a more diverse engineering workforce for the future. Donate to our Engineering Summer Institute and help provide scholarships to students that might not otherwise be at advantage of this experience.

### Celebrate 116 years of scholarship, character, and attitude

As IEEE-HKN celebrates 116 years of developing young professionals into engineering and technical leaders, we have established a campaign to raise US\$116,000 by 31 December 2020. These funds will be dedicated to our ongoing effort of creating visionary leaders with heart. Donate today.

### EPICS III IEEE Fundraiser

EPICS in IEEE fuels the specific technical humanitarian

service organizations seek for their communities. Please  
change lives through technology by donating.

CONTRIBUTE

## THIS MONTH IN IEEE HISTORY

Valdemar Poulsen filed his first patent application for magnetic recording

James Maxwell read his paper "*On Faraday's lines of force*" before the Cambridge Philosophical Society.

Joseph Swan demonstrated an incandescent lamp to the Newcastle-on-Tyne Chemical Society

Charles Babbage said in a statement to the British prime minister, the Duke of Wellington, first referred in writing to his Analytical Engine (a universal machine capable of any computation).

This was the day where for the first time an audience paid to view cinema. Auguste and Louis Lumière demonstrated their cinématographe at the Grand Café (Boulevard des Capucines, Paris, France)

We would like to express our concern and support for all the members of the IEEE community and others affected by the current global health crisis.  
Thank you for being an IEEE member.



© Copyright 2020 IEEE All rights reserved.

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.





**From:** Wenke Lee<[REDACTED]>

**Sent on:** Thursday, September 7, 2017 4:19:01 PM

**To:** Gregory D Abowd<abowd@gatech.edu>; Manos Antonakakis<manos@gatech.edu>; Annie I. Anton Ph.D. <aa16@gatech.edu> (aa16@gatech.edu)<aa16@gatech.edu>; Mostafa Ammar<ammar@cc.gatech.edu>; Raheem A. Beyah<rbeyah@ece.gatech.edu>; Bader, David<bader@cc.gatech.edu>; Alexandra Boldyreva<sasha@gatech.edu>; Polo Chau<polo@gatech.edu>; Chava, Sudheer<sudheer.chava@scheller.gatech.edu>; Constantine Dovrolis<constantine@gatech.edu>; seymour goodman<seymour.goodman@inta.gatech.edu>; Harris, William R<wharris@gatech.edu>; Taesoo Kim<taesoo@gatech.edu>; Hans Klein<hans@gatech.edu>; Ling Liu<ling.liu@cc.gatech.edu>; Meliopoulos, A P<sakis.m@gatech.edu>; Vincent Mooney<mooney@ece.gatech.edu>; Mueller, Milton L<milton@gatech.edu>; Niculescu, Marius<Marius.Niculescu@scheller.gatech.edu>; Alex Orso<orso@cc.gatech.edu>; Pande, Santosh<santosh.pande@cc.gatech.edu>; milos<milos@cc.gatech.edu>; Brendan Saltaformaggio<brendan@ece.gatech.edu>; Peter Swire<Peter.Swire@scheller.gatech.edu>; Zajic, Alenka<alenka.zajic@ece.gatech.edu>; Russ Clark<russ.clark@gatech.edu>; Lummis, Jimmy<jimmy.lummis@security.gatech.edu>

**CC:** La Bouff, Tara<tara.labouff@iisp.gatech.edu>

**Subject:** Demo Day

Folks,

I'm excited to announce that this year the IISP will offer students up to \$125,000 toward commercialization, or continuation, of their research as part of the expanded IISP Cybersecurity Demo Day program. Thanks to new partnerships with VentureLab and Create-X, this year's prize package includes grant eligibility for \$50,000 from the NSF, as well as a fast-track into Create-X for \$20,000 toward prototype costs, \$50,000 in free legal services and 27-weeks of business mentoring, in addition to the startup cash IISP has always offered. This is a phenomenal opportunity to help your students identify commercial potential or secure resources to help continue their research.

**To qualify, students must register their project by Sept. 20.**

Attached are slides that I encourage you to share in class before your students. Yesterday, we invited graduate students from CS, CSE, IC, ECE, PUBP, INTA, and Scheller to participate. This contest is open to all majors and all classes, however undergraduates must have at least one grad student on the team in order to qualify for NSF funds. Complete details can be found at <http://iisp.gatech.edu/cyber-demo-day>.

I hope you'll take the time in the coming days to share this with your students and encourage them to apply. It is an exceptional opportunity. Thank you!

**From:** Thermo Scientific<analyze@thermofisher.com>

**Sent on:** Wednesday, September 18, 2019 4:02:35 PM

**To:** manos@gatech.edu

**Subject:** Do not miss our Lab Hacks 2019 Seminar Tour – Register now!



Learn how to make a real difference in your lab operations  
Having trouble viewing this email? [View as Web page](#)



## Lab Hacks 2019 Seminar Tour

**Lab hack** [*lab hak*] *noun*: A trick, shortcut, skill, or method that improves lab productivity and efficiency.

Our all-new seminar tour will focus on ways to help you tweak your workflows, improve your methods, or adopt new technologies that can make a real difference in your lab operations. A roundtable session will give you the opportunity to discuss issues and concerns with fellow scientists who have decades of experience.

At the seminar, you can even schedule some time to consult with one of our Thermo Scientific™ Chromeleon™ CDS experts or get a demo.

If you perform elemental analysis, you will get a first look at our latest ICP products and get helpful advice on Thermo Scientific™ Qtegra™ Intelligent Scientific Data Solution™ (ISDS) platform software.

### Canada

Edmonton, AB | Nov 5

Mississauga, ON | Nov 7

### United States

Hyattsville, MD | Oct 2

Atlanta, GA | Oct 8

Deerfield, IL | Oct 10

Westminster, CO | Oct 15

Salt Lake City, UT | Oct 17

Arlington, TX | Oct 22

Austin, TX | Oct 23

Somerset, NJ | Oct 29

Burlington, MA | Oct 30

La Jolla, CA | Nov 12

Berkeley, CA | Nov 14

## Topics will include these and more:

### Chromatography Track

- Sample preparation approaches for varying sample matrices
- Lab hacks to improve GC method robustness, sensitivity, and throughput
- Revolutionizing chromatography with the Thermo Scientific™ Vanquish™ UHPLC systems
- 5 quick tips to develop and improve your IC method

### Elemental Analysis Track

- Get ready for new innovations in ICP-OES
- Boost productivity and interference removal with single and triple quad ICP-MS
- Optimize your ICP-OES applications

[View complete agendas >](#)

**Bonus!** Something exciting is coming in ICP. Learn about new products that will:

- Increase your sample throughput with a new CID detector
- Optimize bench space with bigger performance in the smallest footprint
- Tackle the toughest samples reliably, time after time, with a new robust interface



© 2019 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified. We hereby disclose that this email communication is for commercial purposes.



[View](#) our privacy policy.



[Unsubscribe](#) from receiving emails from Thermo Fisher Scientific.



#### Thermo Fisher Scientific

168 Third Avenue  
Waltham, MA 02451  
United States  
[thermofisher.com](http://thermofisher.com)

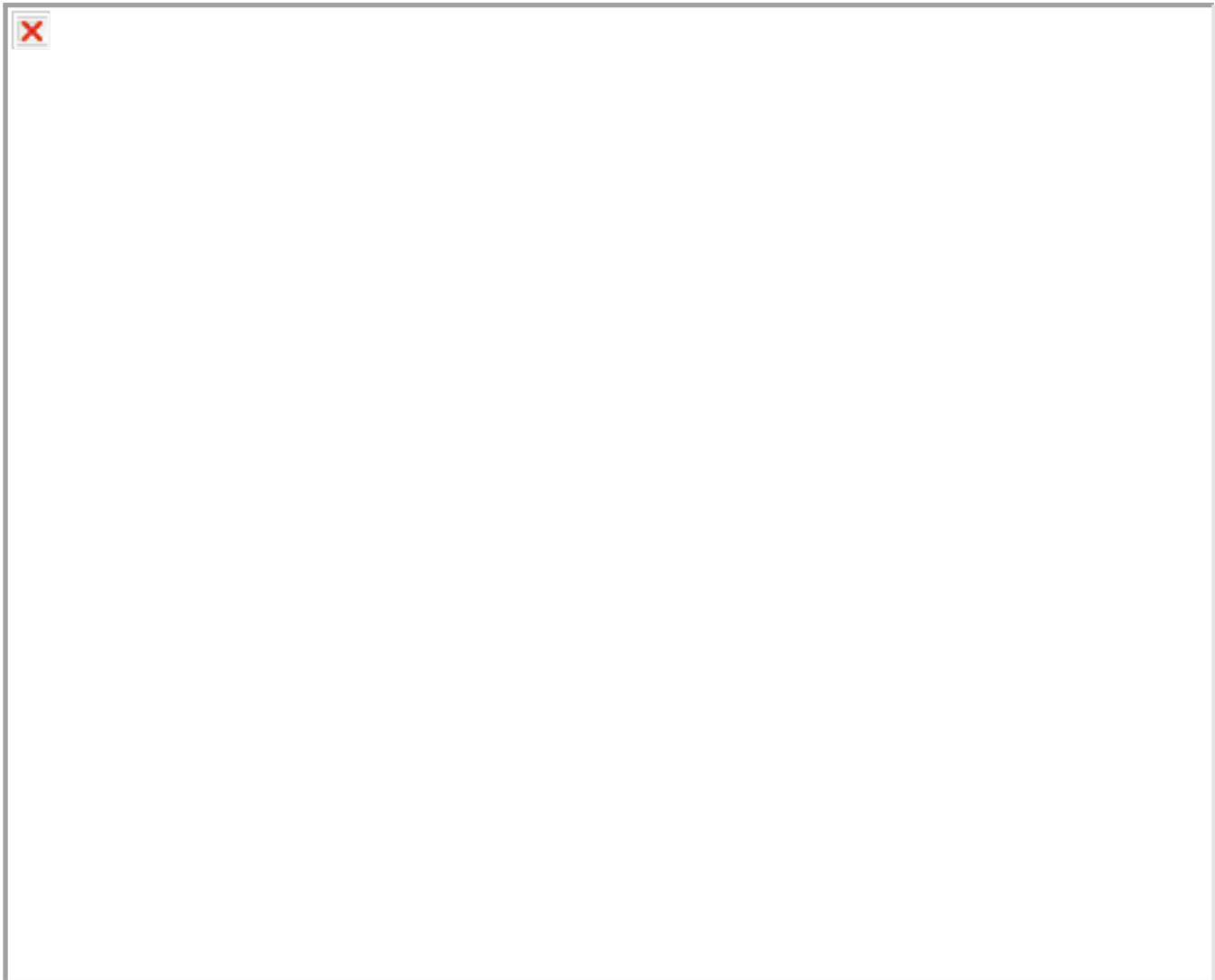


**From:** MO<dive50410@gmail.com>

**Sent on:** Friday, December 4, 2020 10:54:20 PM

**To:** dabrams@huntsales.com

**Subject:** Do THIS 1 hour before bed to pee out stubborn fat in the morning



**Recent studies are now showing how a simple tweak to your bedtime ritual can have dramatic effects in shrinking fat tissue while reversing the signs of premature biological aging every time you fall asleep.**

**In fact, Lisa used this 2 minute hack to finally rid herself of 62 lbs of baby weight, which not only resulted in**

**a reversal of Type 2 Diabetes, but also forced her to buy a whole new wardrobe!**

**[>> Here's how \(no plastic surgery needed\)](#)**

From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

Sent on: Wednesday, October 24, 2018 10:44:46 PM

To: Hughes, Nolan E. (WF) (FBI) <nhughes@fbi.gov>; Kealiher, Brandon (WF) (FBI) <bkealiher@fbi.gov>; Keromytis, Angelos <angelos.keromytis@darpa.mil>; Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; NGUYEN, TU A SA USAF AFOSI AFOSI/3 FIS/CIO <tu.nguyen.3@us.af.mil>; STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>; Tejas Patel (tejas@kududyn.com) <tejas@kududyn.com>; chase.collins@us.af.mil; chunt@fbi.gov; jim.simpson (jim.simpson@cynnovative.com) <jim.simpson@cynnovative.com>; manos@gatech.edu; rtberryman@fbi.gov; ryan.schilcher@us.af.mil

CC: GEE, TYSON L SA USAF AFOSI AFOSI/XRC <tyson.gee@us.af.mil>

Subject: EA-AFOSI Hack a Thon

Attachments: meeting.ics (3.66 KB)

EA Hack-a-Thon Objective:

Collaborate with EA performers and Transition Partners to conduct a deep dive into current EA data sets and investigate what options exist for pivoting into partner data sets. Additionally, we will work through specific use cases/challenge problems, develop new TTP's, run real-time queries, and brainstorm ideas for future improvements/developments and collaboration.

Things that need to happen prior to meeting:

- Access to AFOSI data whether through Horizon Desktop or other means
- Type of data/queries/searches for things of interest/note from AFOSI
- Access to GT Oracle for Kudu
- Access to Kudu VPN/Cluster

From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@arpa.mil>

Sent on: Thursday, October 25, 2018 12:11:25 AM

To: Hughes, Nolan E. (WF) (FBI) <nhughes@fbi.gov>; Kealiher, Brandon (WF) (FBI) <bkealiher@fbi.gov>; Keromytis, Angelos <angelos.keromytis@arpa.mil>; Kline, Allison (contr-i2o) <allison.kline.ctr@arpa.mil>; NGUYEN, TU A SA USAF AFOSI AFOSI/3 FIS/CIO <tu.nguyen.3@us.af.mil>; STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>; Tejas Patel (tejas@kududyn.com) <tejas@kududyn.com>; chase.collins@us.af.mil; chunt@fbi.gov; cojones@cybercom.mil; [REDACTED]; jay.cryderman.2@us.af.mil; jim.simpson (jim.simpson@cynnovative.com) <jim.simpson@cynnovative.com>; John Marx <john.marx.2@us.af.mil>; manos@gatech.edu; rtberryman@fbi.gov; ryan.schilcher@us.af.mil  
CC: GEE, TYSON L SA USAF AFOSI AFOSI/XRC <tyson.gee@us.af.mil>  
Subject: EA-AFOSI Hack a Thon  
Attachments: meeting.ics (4.23 KB)

Address: 266 Ferst Dr Atlanta, GA 30332

Room: TBD

Plan to meet Wednesday, 14 Nov at 0900

EA Hack-a-Thon Objective:

Collaborate with EA performers and Transition Partners to conduct a deep dive into current EA data sets and investigate what options exist for pivoting into partner data sets. Additionally, we will work through specific use cases/challenge problems, develop new TTP's, run real-time queries, and brainstorm ideas for future improvements/developments and collaboration.

Things that need to happen prior to meeting:

- Access to AFOSI data whether through Horizon Desktop or other means
- Type of data/queries/searches for things of interest/note from AFOSI
- Access to GT Oracle for Kudu
- Access to Kudu VPN/Cluster

From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Sent on: Tuesday, November 13, 2018 3:51:04 PM  
To: ryan.schilcher@us.af.mil; Tejas Patel (tejas@kududyn.com) <tejas@kududyn.com>; jim.simpson (jim.simpson@cynnovative.com) <jim.simpson@cynnovative.com>; manos@gatech.edu; Keromytis, Angelos <angelos.keromytis@darpa.mil>; Kline, Allison (contr-i2o) <allison.kline.ctr@darpa.mil>; Ruch, Darren H <dhruh@cybercom.mil>; STAMBAUGH, JASON D SA USAF AFOSI AFOSI/XRCY <jason.stambaugh@us.af.mil>; NGUYEN, TU A SA USAF AFOSI AFOSI/3 FIS/CIO <tu.nguyen.3@us.af.mil>; chase.collins@us.af.mil; [REDACTED]; chunt@fbi.gov; Kealiher, Brandon (WF) (FBI) <bkealiher@fbi.gov>; david.eck.3@us.af.mil; rocio.mere.1@us.af.mil; rtberryman@fbi.gov; Hughes, Nolan E. (WF) (FBI) <nhughes@fbi.gov>  
CC: GEE, TYSON L SA USAF AFOSI AFOSI/XRC <tyson.gee@us.af.mil>; Gilligan, Sean M. (WF) (FBI) <smgilligan@fbi.gov>; Ware, William D. II (AT) (FBI) <wdware@fbi.gov>  
Subject: EA-AFOSI/FBI/USCC Hack a Thon  
Attachments: meeting.ics (4.71 KB), EA Agenda.docx (12.27 KB)

Updated Attendees and added agenda. Also, my cell phone is the best way to get a hold of me once we are in Atlanta, please call or text if you have any questions/concerns:

Chris Schneck  
DARPA I2O SETA  
571-524-3821 (cell)

Address: 266 Ferst Dr Atlanta, GA 30332

Room: 3361

Plan to meet Wednesday, 14 Nov at 0830

EA Hack-a-Thon Objective:

Collaborate with EA performers and Transition Partners to conduct a deep dive into current EA data sets and investigate what options exist for pivoting into partner data sets. Additionally, we will work through specific use cases/challenge problems, develop new TTP's, run real-time queries, and brainstorm ideas for future improvements/developments and collaboration.

Things that need to happen prior to meeting:

- \* Access to AFOSI data whether through Horizon Desktop or other means
- \* Type of data/queries/searches for things of interest/note from AFOSI
- \* Access to GT Oracle for Kudu
- \* Access to Kudu VPN/Cluster

From: DLMKT<dlmkt@dlmkt.info>

Sent on:Monday, October 14, 2019 9:35:20 AM

To: Manos Tentzeris<manos@gatech.edu>

Subject:Early Bird by October 17th \_Emerging Technologies 2020(OLED, QD MicroLED, Flexible Electronics, Tactile Internet)



**Early bird deadline Oct.17th**

# Invitation to Emerging Technologies 2020

*January 14-15, 2020 | Shanghai, China*

---

**Dear Manos Tentzeris,**

May I know if you'd like to attend this Emerging Technologies 2020 in Shanghai? And please let me know by October 17th to catch the early bird discount, thanks!

On behalf of the organizing committee of, I cordially invite you and your colleagues to Emerging Technologies 2020.

About ET 2020

Since the great success for years, DEMAND-LED and global authoritative co-organizers are inviting all experts, decision-makers, and marketers all over the world to Emerging Technologies 2020 which will be held on January 14<sup>th</sup> ~15<sup>th</sup>, 2020 in Shanghai, China.



The conference is composed of four tracks: “5th Flexible Electronics World”, “9th China International OLEDs Summit”, “5th China International Quantum Dots & Micro-LED Summit”, and “3rd HMI World - Tactile Internet”.

and “3rd HMI World - Tactile Internet”.

Now we have confirmed speakers as below. And many more will be confirmed soon.

OLED Association Changzhou Institute of Printed Electronics Industry	Barry Young  Dr. Xiachang Zhang	CEO  President
TCL Suzhou Institute of Nano- Tech & Nano-Bionics, Chinese Academy of Sciences	Dr. Junyou Pan  Prof. Zheng Cui	Chief Engineer  Director Printable Electronics Research Center (PERC) □
Samsung Electronics Universal Display Corporation	Dr. Namseok Roh  Dr. Michael Hack	VP (Display R&D) Vice-President of Business Development  Research Fellow of Engineering, Deputy Chair of Technology Expert Committee for Digital Video and Vision of ZTE
ZTE	Dr. Zhu Fang	General Manager, Greater China & Application Engineering
Nanosys Orthogonal, Inc.	Dr. ZhongSheng Luo  Dr. David Fyf	CEO & Executive Chairman  Director of Flexible Electronics Research Center
AIST	Prof. Toshihide Kamata	Research Center
TCL Corporate Research	Dr. James(Jueng-Gil) Lee	Deputy Chief Engineer  General manager of PLED business planning office
Sumitomo Chemical	Takeshi Yamada	
Bardsley Consulting China Star	Dr. J. Norman Bardsley	President

<b>Optoelectronics Technology Shanghai Jiao Tong University</b>	<b>Leo Sun(TBD)</b>	<b>R&amp;D director</b>
<b>WuHan Linkzill</b>	<b>Prof. Xiaojun Guo</b>	<b>Professor</b>
<b>eLux Inc.</b>	<b>Dr. Linrun Feng</b>	<b>Founder &amp; CEO</b>
<b>TPK, Cambrios</b>	<b>Dr. Jong-Jan Lee</b>	<b>CEO</b>
<b>Canatu</b>	<b>Ryosuke Kuwada</b>	<b>President &amp; Owner</b>
<b>MICROOLED</b>	<b>Ilkka Varjos</b>	<b>CTO</b>
<b>Interlink Electronics Inc</b>	<b>Dr. Gunther Haas</b>	<b>CEO</b>
<b>Najing Tech</b>	<b>Dr. Albert Lu</b>	<b>CTO</b>
<b>TCL</b>	<b>Dr. Wei Huang</b>	<b>Senior Researcher Display Expert, Novel Display Technologies</b>
<b>Hisense</b>	<b>Dr. Chaoyu Xiang</b>	<b>Advanced Display Research Director &amp; Medical Display Technology Director</b>
<b>Yeolight Technology Guangdong Academy of Sciences.</b>	<b>Mingsheng Qiao</b>	<b>Senior Researcher</b>
<b>Fudan University</b>	<b>Dr. Xianbin XU</b>	<b>Micro-LED Display Technologist</b>
<b>APS Holdings</b>	<b>Dr. Zheng Gong</b>	<b>Professor</b>
<b>Refond</b>	<b>Prof. Pengfei Tian</b>	<b>President &amp; CTO</b>
<b>Yole Developpement</b>	<b>Dr. Chiwoo Kim</b>	<b>Independent Director</b>
<b>JCDecaux</b>	<b>Prof. Zhaojun Liu</b>	<b>Senior Analyst – SSL and displays.</b>
	<b>Thomas Morel</b>	<b>R&amp;D Director</b>

## Highlights

- **100+top experts in the world participate in keynote speeches, panel discussions, and advisory & applications committees**
- **500+delegates and decision makers from the world's top research institutions, institutioir and manufacturers**
- **50+exhibitors with the latest materials, equipment, technology, and product results**
- **10+hours of social networking opportunities and social dinners**

- **100+strong media press with onsite interview and report**

**Covered the global and Chinese development of technology & market trend, new breakthroughs production process & equipment, solutions of latest materials and case studies & solutions of applications (Smart Manufacturing, Healthcare, Automobiles and Aircrafts, Wearable Devices, Smart Fabrics, TV, AR&VR, Smart Phone, Lighting, IoT, Energy Harvesting&Storage, Bio-Medical Cosmetics etc.)**

***Branding Opportunities***

- **Multiple and flexible sponsorships**
- **Exhibition booth to showcase your products**

**Register now to save!**

**Any further concerns, please feel free to get in touch with me!**

**Best regards,**

**Kitty Zhou**

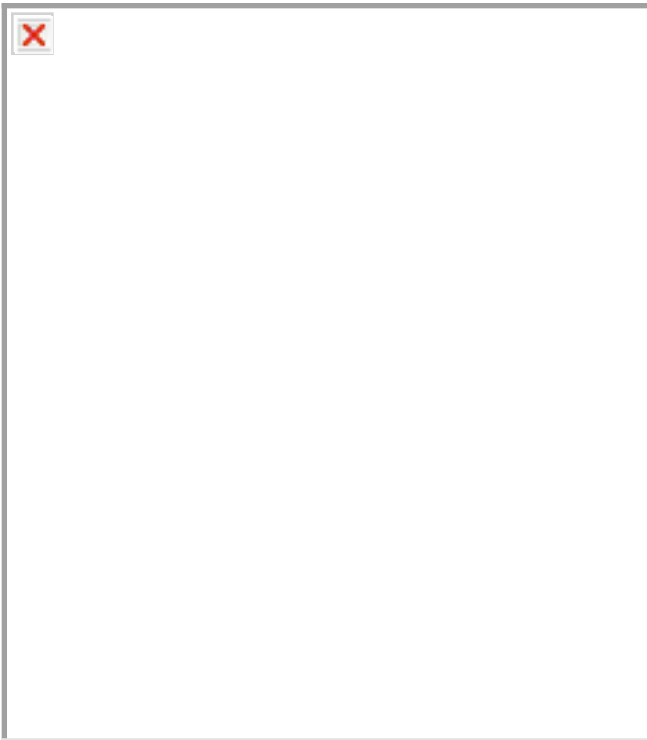


**ET 2019 Online**

**Review ET Presentations Online!**

# ET 2020 Expo Online

Visit Online Exhibitions!



---

## Kitty Zhou

Organizing committee of Emerging Technologies 2020



Call me at +86 15800309746

Email us at [kittyz@demand-led.com](mailto:kittyz@demand-led.com)

**DEMAND-LED MAMAGEMENT  
CONSULTING LTD.**

**Buiding F, No. 88, Zhongsh  
East 2nd Rd Shanghai**

**Shanghai 200000 China**

**Shanghai 200000**

**China**

**<http://www.demand-led.com>**

**<https://ema.dlmkt.com/index.php/lists/nc632cf5xj1da/unsubscribe/yr265vs1gr35c/dx5721ys664b>**

**From:** info@beautycare.hu

**Sent on:** Thursday, September 3, 2020 5:45:33 PM

**To:** yar@freebsd.org; lashonna.myers@ohspri.af.mil; mauricio@ctiot0.ctio.noao.edu; jlovell@florenceal.org; scha@chemeketa.edu; bbranton@peoriaud.k12.az.us; daniel.long@student.oc.edu; janice.mcconico@ssa.gov; m.matzke@arhospitality.org; jomeli@lawrence.sd.us; hilzen@wapa.gov; mesain@wm.edu; casini@un.org; kay.dobbins@gracebaptist.org; amarcus@brooklaw.edu; clwalke3@olemiss.edu; arnaldo@grainprobabilities.org; french-connect-admin@aas.duke.edu; 3djnash@prb.org; cyk@law.georgetown.edu; alyson.gross@grandview.edu; botswanainfo@skillshare.org; foeaction@foeaction.org; wisrivers@wisconsinrivers.org; wynn@unity.ncsu.edu; hillarym@islandwood.org; joann@saintmargaretmary.org; verde@bu.edu; randerson@tolarisd.org; amsmith@uncg.edu; ppeters@ou.edu; clicksforkids@kcsl.org; adnaz@adnaz.org; hr@rmf.harvard.edu; jrs@berkeleycollege.edu; teague@fmhi.usf.edu; jraines@cameronfbc.org; wangweiz@msu.edu; adaml@owl.net.rice.edu; mailman.8110.1265386796.9732.arpssupport@caps.ou.edu; re.cite@udel.edu; amjohnson@svcmcnny.org; josh@riversidecog.org; womens-studies@wost.umass.edu; starnel@flcourts.org; bpt711@mizzou.edu; wayne.wilkinson@nema.org; alhefner@uncc.edu; alison.jones@duke.edu; nationaloffice@nccj.org; support@millersrunchschool.org; hnmsschool@holynamemaryschool.org; a.wakley@channel3kidscamp.org; finance@racinedominicans.org; kurt.hyster@sotv.org; nardonem@mail.nih.gov; vla2@cornell.edu; franciss@ccmail.orst.edu; jcrews@fcbcc.org; broldan@sfheritage.org; akers@math.wisc.edu; howard.dixon@maxwell.af.mil; webmaster@violetbatist.org; julia\_young@nps.gov; ddillard@avr2.org; valerie@sdfoundation.org; andrea.comtois@uvm.edu; mherr@miia.org; izurbenko@uamail.albany.edu; ssommer@idem.in.gov; charles.perault@us.army.mil; aldrena.l.sherman@uscg.mil; admin@thomaspayne.org; communityrelations@chshel.org; mdelay@grand.state.ut.us; rao1@un.org; debady@amideast.org; szabicki@shufsd.org; acisse@midway.uchicago.edu; cs114@duke.edu; dean.carico@navy.mil; contributions@milehichurch.org; ctobin@student.bridgew.edu; schuckm@gtc.edu; gjohannsen@clinton.k12.mo.us; m-roche@northwestern.edu; cmills@fhn.org; eileen.slagle@spps.org; kabous.erasmus@treasury.gov; amber.stitt@muskegoncc.edu; kortmeier@monforton.k12.mt.us; hudsonb@missouri.edu; sk9047@csc.albany.edu; colaizyt@ohsu.edu; aypol@csuhayward.edu; 1532251copson@reading.org; babumgarner@pstcc.edu; knannini@fbnn.org; contact@hat.org; mimartinez@slco.org; bzilch@moeller.org; inforsanusilamido@cbn.org; jodi.marr@illinois.gov; cmcosta@mail.usf.edu; barnesn@palmbeachcivic.org; arch@archlinux.org; adlug047@uwsp.edu; leonard.lambert@dla.mil; list-admin@chaossolutions.org; rabell@bloomington.in.us; chalvarez@csupomona.edu; espenshadej@duq.edu; johnbolton@pinesbhs.org; webmaster@cfni.org; amusser@email.smith.edu; umbrellarule@co.doc.state.mn.us; mpm10@cornell.edu; chengf@rpi.edu; cpryor@drew.edu; pigletuf@ufl.edu; ruth@poweru.org; scarri@lsuhsc.edu; erich@housing.ufl.edu; pyo@actoronto.org; dguerr2@dot.state.tx.us; noh@usc.edu; advancement@rbmission.org; dana@iiabkc.org; 9ibb9@altern.org; spork@spork.us; m\_c@saintstephen.org; sroberts@co.lake.il.us; msw@gimp.org; czulick@usgs.gov; tua06177@temple.edu; mmerrick@nscsports.org; anders@gusten.org; schiller@cardio.ucsf.edu; e1cckg2-0001vz-00@lists.econ.utah.edu; melharr2@uiuc.edu; boeinternet@boe.ca.gov; dlero@shawneenaz.org; jfhirsch@mit.edu; clewis@fairnewsindex.org; rmckinnon@partners.org; manager@aupairfoundation.org; klindberg@umext.maine.edu; smasso@lindenhurstschools.org; nancywit@lincc.lib.or.us; laris@coe.ufl.edu; haochau@stanfordalumni.org; info@aliflaila.isb.sdnpc.org; creed@coreocean.org; email@greenbay.k12.wi.us; cprimus@alumni.nd.edu; williamadams@uky.edu; rbogda01@tufts.edu; aftermath@luc.edu; dzawacki@tffcu.org; kamay@jacks.sdstate.edu; web\_master@bjcdc.org; harvey\_loretta@stvrain.k12.co.us; gail.foil@us.af.mil; visa@travellersmotion.org; sysop@info-ist.comlink.apc.org; pcaa.info@thedacare.org; info@midyear.org; rkirby@tegacaysc.org; mail@bobbarr.org; adanzis@loyola.edu; djjn@v0ja.org; mmwhite@nmsu.edu; bill@npworld.us; burgel@sac-city.k12.ca.us; gilsong1@mail.montclair.edu; andersonre@bps-ok.org; adult.brigitte@nwbb.org; kklinger@co.routt.co.us; aneryche@umich.edu; misiah@pilot.msu.edu; gmacmanu@smu.edu; development@cdguk.org; zodiac@wildfred.org; gleeper@tybalt.caltech.edu; manager@cayugalake.org; eharris@jcbc.org; mphawron8932@stumail.saumag.edu;

haroburg@ccpl.carr.lib.md.us; mcbauer@dinecollege.edu; steckler@lfo.city.lafayette.iol.us; brous@uky.edu; mleary@volusia.k12.fl.us; kdorey@indiana.edu; amerritt@edgewoodbaptistchurch.us; youth@saintaugustine-dc.org; brogershunter@coastalfcu.org; benedith.ventura@maryknollschool.org; william.gregory@legacytraditional.org; apier@lps.org; malloryhenninger@creighton.edu; jgriffith@allamakee.k12.ia.us; dsp@shoko.calarts.edu; hwilson@icsd.k12.ny.us; andrew.thon@msu.edu; webmaster@deepfin.org; shamus@musician.org; dkhumes@phm.k12.in.us; rfrancze@admin.umass.edu; angela.scott.98@alum.dartmouth.org; hallen@oac.ok.gov; mow@healthtrust.org; corliss@cfa0.harvard.edu; amy@jstreet.org; aneitrus.burnett@navy.mil; sloewens@tceq.state.tx.us; cheryl\_deitelbaum@redlands.edu; wemerick11@fastmail.us; cliff@deighan.org; deatong@freenet2.scri.fsu.edu; fundraiser@vegsoc.org; durchaus.carsten@genanntes.freemail.selfip.org; jguinan@mcg.edu; simpsonl@carliseschools.org; info@abuseintervention.org; mailman.7451.1265386778.9732.arpssupport@caps.ou.edu; ashley.kindt@my.brooks.edu; cgonzales@prosalud.org; qhqroijl@fr-air-max.org; job2@acpub.duke.edu; kingram1@pisd.edu; oconnelt@cs.fiu.edu; kingk@stlukesct.org; sher4077@ou.edu; franklin@niehs.nih.gov; blueline@hanalani.org; jose-sanchez@uiowa.edu; judge.kubicek@co.wharton.tx.us; dan.neary@ncag.edu; danovitzg@usa.redcross.org; pelle013@umn.edu; davem@ni.umd.edu; prayer@handofgodchurch.org; jhand@pen.k12.va.us; manter@easternshore.org; erubin@student.dean.edu; slubanovic@karnscity.k12.pa.us; iander1@pride.hofstra.edu; dstreiff@hbs.edu; barkeyk@stlucie.k12.fl.us; rnp002@uncp.edu; ads@cps.org; speterso@alexandria.k12.mn.us; sean.b.kasson@ndsu.edu; geer0007@umn.edu; jandrews@bjv.edu; matthew.mosser@med.navy.mil; bdesai@shrike.depaul.edu; tcobler@wcs.k12.va.us; naya@vt.edu; sfuger@aia.org; francois.paradis@returningtospirit.org; marynewman@missouristate.edu; syarbrough@smafoundation.org; shannon.brown@westernmedical.org; cb@fnord.org; ro02@lehigh.edu; allyson@myfoundation.org; muckp@missouri.edu; dhsoighotline@dhs.gov; amd02989@ucf.edu; rouse4pack@pcnohow.us; irma@ntnl.org; chobbs@mail.nasbores.org; david.hill@mpls.k12.mn.us; ktunney@siue.edu; monroeda@pilot.msu.edu; whitsitt@bioch.tamu.edu; ch02186@georgiasouthern.edu; laura.cavanagh@north-scott.k12.ia.us; willisk@musc.edu; info@peakdems.org; tburgin@nmsu.edu; worklife@ucsd.edu; pastorsearch@fbrichmond.org; dlongacr@hssd.k12.sd.us; kdw41589@marymount.edu; delder@tellcity.k12.in.us; egomez@odu.edu; shfereidouni@ucsd.edu; elusion@gotrice.org; keeley@performancweb.org; andy@msiba.org; support@oceanfront.org; dprice@cbcfinc.org; business@blackshark.org; swilder@arches.uga.edu; chenea.boggs@oc.edu; phuber@cam.org; hufford\_j@utpb.edu; j.wijngaarden@unescoykk.org; johntyson@pivotministries.org; jd@flhealth.org; drossler@alum.mit.edu; shannon.nevil@us.army.mil; cduncan@risd.edu; shrayas@uci.edu; brian.mixon1@us.army.mil; dbu@dbu.fsdb.org; dmcintos@oswego.edu; tcmoore@west-point.va.us; almeida@kvcc.me.edu; dlharvey@gwu.edu; leslie.smtih@piue.k12.ut.us; blume.schwach@nwbb.org; jimstamas@house.mi.gov; dcopelelan@nmu.edu; cwarner@baker.k12.or.us; aallen01@bellarmine.edu; jgreiner@law.harvard.edu; hamilton@uark.edu; ktomlinson@fallshospital.org; jwalk069@odu.edu; cbearman@sos.state.ms.us; o-ouerfelli@ski.mskcc.org; pgoodwin@astro.temple.edu; ash144@psu.edu; registrar@howells.org; nshoemak@mail.usf.edu; x\_2007-05-24-2007-05-24-125@w3.org; dlipson@umdems.org; stuohy@beaumont.edu; dgeiger@iastate.edu; amurphy@bainbridge.wednet.edu; ses12@hood.edu; rstanek@stu.matcmadison.edu; bhansali@eng.usf.edu; 201101050623.p056n1hk058438@repoman.freebsd.org; mraquet@holycross.edu; lmason@uwnca.org; sjefferson@ladhs.org; mpangallo09@jcu.edu; adam-d-hernandez@uiowa.edu; dailyj@msoe.edu; tholder@sheldon.k12.tx.us; weinbejb@gusun.georgetown.edu; bfp106@psu.edu; cbosch@upenn.edu; chang020@cougars.csusm.edu; byingtp@gw.kirkwood.k12.mo.us; septwilson@bishopgorman.org; defensivrahmen@thule-seminar.org; noreend@winlab.rutgers.edu; ann.hillman@ttu.edu; ddavenport@corning.k12.ia.us; dhubbard@hamilton.edu; dappelquist@rlcmail.org; adam.weizen@aktionmitte.org; development@lyndon.k12.vt.us; todd.krass@healthmidwest.org; brakeb@uphs.upenn.edu; admin@lebmacc.org; andersg@wam.umd.edu;mlink@state.wy.us; admin@nuos-ogoni.org; facev@neu.edu; mrp16@cornell.edu; amlee@sunyit.edu; ajepsen@capemaymac.org; pswain@straphael.org; cmmckeel@gcsaa.org; acl2763@cub.uca.edu; qodu@royexujo.org; murhyb@oclc.org; avrabel@kent.edu; sp@msr.org; reception@criswell.edu; greg@sharonbaptist.org; marie.tagenius@petpatrol.org; prlewis@uic.edu; reedja@eckerd.edu; gsiegler@littlerock.org;

lesterrm@morrisville.edu; jayanth@hawaii.edu; armstrongg@william.jewell.edu;  
jclayton@deiworksite.org; benjamin.salcido@ca.ngb.army.mil; sheila.bowser@dot.state.nj.us;  
cjosayma@pacificenvironment.org; crogers@madisoncountync.org; brodriguez@mcsflames.org;  
matches.cannabis@sculptori.freemail.selfip.org; wehrsdr@auburn.edu; b-saghafi@csu.edu;  
pjuagsu@chanelforsalejp.org; info@ymja.org; ccrouch@swbts.edu; nabeelah@newafricatheatre.org;  
ucso.edwinr@state.ut.us; mcrotwell@mc.edu; lorna\_mentzer@lampstras.k12.pa.us;  
pamela\_riley@ncsu.edu; elliot.johnson@lrsd.org; rrhoades@ci.caldwell.id.us;  
anthony@122973.org; gabriel@mediasana.org; sales@templesinainj.org; gis@gsi-iran.org;  
frankies@umich.edu; paul@unbc.edu; rchizungu@worldbank.org; asoleno9@csufresno.edu;  
membership@gfoa.org; lbass@mississippi.org; alawrenson@concrete.k12.wa.us;  
jmirabal@character.org; jpalinski@ysop.org; bill.brueske@tosacu.org; angevt@rpi.edu;  
jjones@trrl.org; tpeake@radford.edu; markjudy@shianet.org; adoll@ycp.edu;  
inglis55@cortland.edu; lakota.forinash@phoenix.edu; djanoso@aurora-schools.org;  
hwangwey@cse.msu.edu; jacky.gatliff@epc.org; webmaster@nslsilus.org;  
farcher@sansumclinic.org; dss38@drexel.edu; pkuchl@newhaven.edu; cathylh@itsa.ucsf.edu;  
bhagwat@isgs.uiuc.edu; shin@hpolicy.duke.edu; ccrosswh@wellesley.edu; mreeder@thehill.org;  
iqbal@evergreengroupbd.org; ebadalian@krha.org; nkowfqja@jonzlu.kkqdm.wqwd.edu;  
kristinsmith1@mail.boisestate.edu; waszi@milicja.org; meagan\_hoang5440@aptel.org;  
ayanette@ou.edu; kehudson@oit.umass.edu; cveselka@sendit.nada.edu; agarner@mailworks.org;  
leslie@vlt.org; agamador@uncg.edu; vickymarsh@murraystate.edu; presswebmail@unl.edu;  
dhardwick@firsthealth.org; azulcg@ufl.edu; wscott@tibh.org; cnull@lacroixchurch.org;  
amunir@bgcb.org; cle2a@mtsu.edu; renita.s.cauthen@irs.gov; bagegorastexaxd@gotmail.org;  
jking@cityofspartanburg.org; amenahem@law.gwu.edu; bat7586@cup.edu;  
rclaypool@saintmichael1.org; abramms@vetmed.auburn.edu; swbd@mail.nysed.gov;  
jeff.heilman@pnl.gov; grgandingco@tmhs.org; dagon@cc.gatech.edu; info@greatercentennial.org;  
nlockwoo@uiuc.edu; dudes@thedudes.org; nathanqib@vrify.org; binderbitzen@telis.org; diagnose-  
marlene@thule-seminar.org; carlsonk@ohiou.edu; benson@umich.edu; admin@oldworldorder.org;  
heyi@rzgmtckb.org; aapostolova896@hawks.rwu.edu; blesse@unr.edu;  
elementary@heritagemail.org; cmarchbanks@stlcc.edu; emul@sanbao.org;  
firemarshal@eveshamfire.org; swarcher@students.wisc.edu; klandovitz@engenderhealth.org;  
rbrown@crnaf.org; councilman.rosendahl@lacity.org; harringb@soc.mil;  
xjbaqal@ccvax.fullerton.edu; kchatman@nita.org; schul012@mail.duke.edu; astehney@fau.edu;  
azar.abuali@fcps.edu; fyhrie@bjc.hfh.edu; msuzzane@nova.edu; gelardic2@derbyps.org;  
tnelson@truman.edu; jyan@cc.gatech.edu; fk@muw.edu; kkreiter@central-clinton.k12.ia.us

**Subject:** Earn by driving

We pay \$250 weekly to vehicle owners who help us advertise our brand with their respective vehicle's exterior part. Click here to read more and apply: <https://wrapvehicle2earn.com/register/>

**From:** Georgia Tech ECE<communications@ece.gatech.edu>  
**Sent on:**Friday, August 16, 2019 1:44:25 PM  
**To:** emmanouil.antonakakis@ece.gatech.edu  
**Subject:**ECE Connection - August 16

[View this email in your browser](#)



August 16, 20





## Smartphone Apps May Connect to Vulnerable Backend Cloud Servers

Cybersecurity researchers have discovered vulnerabilities in the backend systems that feed content and advertising to smartphone applications through a network of cloud-based servers that most users probably don't even know exists. [Read more>>](#)



## The Invention Studio Presents the Annual Hack-A-Thing Competition

The Hack-a-Thing Competition is an annual competition hosted by the Invention Studio at Georgia Tech, a student-run organization, where students of all majors form teams to tackle problems and build devices to increase the efficiency of industrial automation. The 2019-20 year's competition will involve two separate challenges – [Sift 'n Screw](#) and [Pick 'n Sort](#)  
[Learn more>>](#)



[Some Events Offer Grad Students Chance to Connect](#)

Graduate students are invited to celebrate the beginning of the academic year on Aug. 23 at Graduate Student Convocation and the Graduate Picnic.



[Math Institute Grows by a Dozen](#)

Faculty from Georgia Tech, Emory, and Clark Atlanta join interdisciplinary research community



[New Student Convocation](#)

Sunday, August 18, 5:00 pm to 6:00 pm

[First Day of Class | Fall 2019](#)

Monday, August 19, 2019

[Georgia Tech Scavenger Hunt for Chemical Elements](#)

Monday, August 19, 2019 to Friday, August 23, 2019

[Vertically Integrated Projects \(VIP\) Fall 2019 Poster Session](#)

Tuesday, August 20, 4:00 pm to 5:00 pm

[Full Day Symposium on All Things Robotics at Georgia Tech](#)

Wednesday, August 21, 9:30 am to 4:00 pm

[IEEE EDS/PHO Atlanta Chapter Seminar: Hybrid Colloidal Quantum Dot Photonic Devices](#)

Thursday, August 22, 11:00 am to 12:00 pm

[CREATE-X Startup Launch Demo Day 2019](#)

Thursday, August 22, 4:30 pm to 9:30 pm

[#RATS Digital Scavenger Hunt in the Library Aug. 19-23](#)

Friday, August 23, 2019

[Graduate Student Welcome](#)

Friday, August 23, 4:00 pm to 8:00 pm

[view the full events calendar>>](#)



## **Ph.D. Defenses**

**Qiang Hu**

Tuesday, August 20, 2019

9:30 am

Room 3100, Klaus

Title: *Design and Analysis of Millimeter-wave Backhaul Networks in Urban Environments*

**Anosh Daruwalla**

Tuesday, August 20, 2019

10:00 am

Room 102B, MiRC

Title: *Advanced HARPSS Processes for High Q and High Frequency Inertial Sensors*

**Yun Long**

Friday, August 23, 2019

2:00 pm

Room 1212, Klaus

Title: *Energy Efficient Processing In Memory Architecture For Deep Learning Computing Acceleration*

[view the full graduate student events calendar>>](#)





*Copyright © 2019 Georgia Tech School of Electrical and Computer Engineering, All rights reserved.*  
You are receiving this email because you are an ECE student, prospective student, staff member, or faculty member.

**Our mailing address is:**

Georgia Tech School of Electrical and Computer Engineering  
Van Leer Electrical Engineering Building  
777 Atlantic Drive Nw  
Atlanta, GA 30332-0250



[Add us to your address book](#)

Want to change how you receive these emails?  
You can [update your preferences](#) or [unsubscribe from this list](#).

---

**From:** Georgia Tech ECE<communications@ece.gatech.edu>  
**Sent on:**Friday, February 3, 2017 3:19:20 PM  
**To:** dd92@gatech.edu  
**Subject:**ECE Weekly News February 6 - 12

[View this email in your browser](#)



## Give us the scoop

Got exciting news? Please keep us in the loop. Contact the communications team [via email](#) with interesting research projects, awards, and events that you think we should communicate to a wider audience. You might just see it here!

## ECE in the news

Professor Raheem Beyah: [Success in Cybersecurity](#)

---

## Upcoming Events

### GT Neuro Seminar Series

Monday, February 6, 11:00 am to 12:00 pm

"All-Optical Electrophysiology, from Ion Channels to Brain" - Adam Cohen, Ph.D. - Harvard University

[Details>>](#)

### IRIM Robotics Seminar

Tuesday, February 7, 12:00 pm to 1:00 pm

Virginia Tech's Pratap Tokekar presents a seminar as part of the IRIM Robotics Seminar Series.

[Details>>](#)

### Patents Search Class

Tuesday, February 7, 1:00 pm to 3:00 pm

This class will help you understand patent documents and navigate through multiple free online patent databases effectively.

[Details>>](#)

### ECE Seminar (ECE 2001A/ECE 8001A)

Wednesday, February 8, 11:00 am to 12:00 pm

*Full Steam Ahead: Engineering Your Future* - Mr. Keefe Bohannon, Applications Engineering District Manager, Keysight Technologies, Inc.

[Details>>](#)

## CREATE-X Legal Buzz

Thursday, February 9, 4:00 pm to 6:00 pm

Students will have the opportunity to have their questions answered by lawyers from Troutman Sanders who provide their counsel pro bono.

[Details>>](#)

## STAMI-GTPN Distinguished Lecture Series

Friday, February 10, 4:00 pm to 5:00 pm

Professor Timothy P. Lodge, University of Minnesota - *Ionic Liquid/Block Polymer Nanocomposites: Remarkably Versatile, Functional Materials*

[Details>>](#)

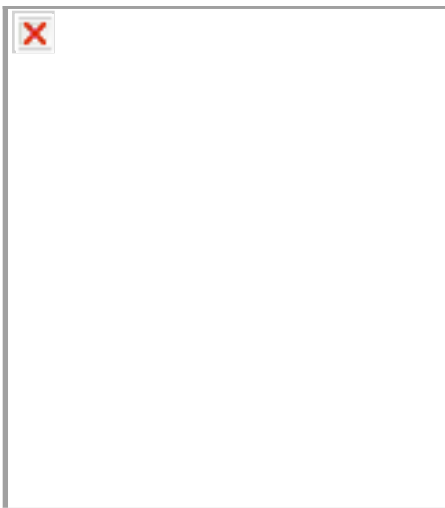
---

## Theses and Dissertations

Click [here](#) to view information on all upcoming oral exams and defenses.

---

To have your ECE-affiliated seminar included on this regular email distribution, please send the seminar details to [Ashlee Gardner](#) by the end of each Thursday of the week prior to your event. This seminar listing is posted [here](#).



## Latest News

[Wang Named IEEE MTT-S Outstanding Young Engineer](#)

[Three ECE Faculty Receive CTL Teaching Effectiveness Honor](#)

[Research Option at Georgia Tech](#)

[Office of International Education Update](#)

[Beyah Named as Emerging Scholar in Diverse: Issues in Higher Education](#)

[Akyildiz Makes Google Top-H Index](#)

[Nominations now accepted for Nanotechnology Award](#)

[12th Annual Undergraduate Research Spring Symposium](#)

[PURA](#)

[InVenture Prize Final Round](#)

[Advanced Technology Development Center to host \\$100K FinTech Hack @ ATDC](#)



---

*Copyright © 2017 Georgia Tech School of Electrical and Computer Engineering, All rights reserved.*  
You are receiving this email because you are an ECE student, prospective student, staff member, or faculty member.

**Our mailing address is:**

Georgia Tech School of Electrical and Computer Engineering  
Van Leer Electrical Engineering Building  
777 Atlantic Drive NW  
Atlanta, GA 30332-0250

[Add us to your address book](#)

Want to change how you receive these emails?  
You can [update your preferences](#) or [unsubscribe from this list](#)

**From:** Georgia Tech ECE<communications@ece.gatech.edu>  
**Sent on:**Friday, September 8, 2017 1:44:55 PM  
**To:** dd92@gatech.edu  
**Subject:**ECE Weekly News September 11 - 17

[View this email in your browser](#)



**ECE News: September 11 -17, 2017**

## Give us the scoop

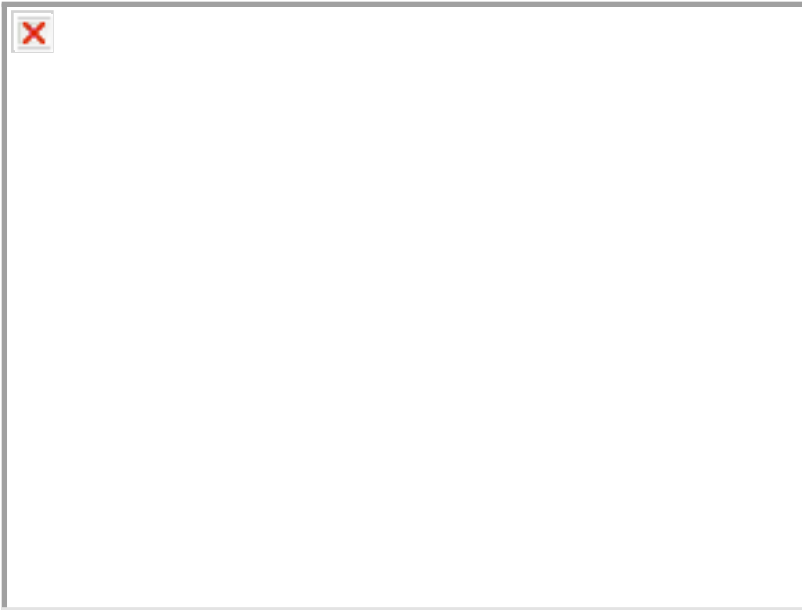
Got exciting news? Please keep us in the loop. Contact the communications team [via email](#) with interesting research projects, awards, and events that you think we should communicate to a wider audience. You might just see it here!

## ECE in the news

Associate Professor Arjit Raychowdhury: [Scientists Develop A New Computing System Based On Human Brain](#)

## ECE Fall Career Fair

Don't forget to register! [Information and registration>>](#)



---

## Upcoming Events

### Packaging Corporation Info Session

September 11, 6:00 - 7:00 pm

Come find out about opportunities available with Packaging Corporation in Van Leer C457! Bring your resume. Food will be provided.

### Georgia Tech All Majors Career Fair

Monday, September 11, 9:30 am to 4:00 pm

The fall Career Fair is the largest Career Fair on Georgia Tech's campus. Every year, over **400** companies and **5,000** students attend the fair. Companies attending the fair are hiring co-ops, interns, and full-time positions, with students from all majors and degree types.

[Details>>](#)

## **IEN Research Focus Seminar**

Monday, September 11, 10:00 am to 11:30 am

Exploring the prospect of using microneedles to access biomarkers for monitoring exposure to chemical and biological weapons.

[Details>>](#)

## **GT Neuro Seminar Series**

Monday, September 11, 11:15 am to 12:15 pm

“Scene Recognition: How and Why?” - Danny Dilks, Ph.D. - Emory University

[Details>>](#)

## **John Deere Day in the Lobby**

Tuesday, September 12, 10:30 am to 2:00 pm

Representatives will be in Van Leer to discuss career opportunities at John Deere.

[Details>>](#)

## **John Deere Information Session**

Tuesday, September 12, 2:00 pm to 3:45 pm

Representatives will be in Pettit RM 102A to discuss career opportunities at John Deere.

[Details>>](#)

## **Intel Meet and Greet with IEEE**

Tuesday, September 12, 2:00 pm to 4:00 pm

Representatives will be in Van Leer to discuss career opportunities at Intel.

[Details>>](#)

## **Robotics Industry & Student Mixer**

Tuesday, September 12, 3:00 pm to 5:00 pm



The event will provide an overview of the broad research areas in IRIM, followed by a speed-networking event: Every 5 minutes our industry guests will have the opportunity to speak to a new student.

[Details>>](#)

### **ECE Career Fair Fall 2017**

Wednesday, September 13, 10:00 am to 4:00 pm

Take advantage of this chance to meet with representatives from both local and national companies to discuss career opportunities specifically related to electrical engineering and computer engineering.

[Details>>](#)

### **ECE Seminar (ECE 2001A/ECE 8001A)**

Wednesday, September 13, 12:20 pm to 1:10 pm

*Change = Opportunity: Building a fulfilling career* - Mr. Paul M. Emerson -- Texas Instruments, Inc.

[Details>>](#)

### **On the Security of Smartphones with Clumsy Owners**

Wednesday, September 13, 12:00 pm to 1:00 pm

Assistant Professor Yossi Oren of Ben Gurion University visits Georgia Tech for a guest lecture.

[Details>>](#)

### **IRIM Robotics Seminar**

Wednesday, September 13, 12:15 pm to 1:15 pm

The Institute for Robotics and Intelligent Machines presents "Practical Robotics at iRobot: A Roomba Teardown" by iRobot's Christopher Svec.

[Details>>](#)

### **Climate Change: Engineering's Grand Challenge/Georgia Tech's Role**

Wednesday, September 13, 3:00 pm to 4:30 pm

Join G. Wayne Clough, Georgia Tech's President Emeritus as he discusses climate change and Georgia Tech's role.

[Details>>](#)

### **2018 InVenture Prize Kickoff Session**

Wednesday, September 13, 6:00 pm

Come to the initial session of the 2018 InVenture Prize competition at Georgia Tech. Our goal is to accelerate your ideas, put you on TV, and ultimately make your “dreams a reality.”

[Details>>](#)

### **SANDIA Information Session**

Thursday, September 14, 10:00 am to 11:00 am

Representatives will be in Pettit RM 102A to discuss career opportunities at SANDIA.

[Details>>](#)

### **Skyworks Presentation**

Thursday, September 14, 5:30 pm to 7:30 pm

Representatives from Skyworks will visit ECE.

[Details>>](#)

### **The Quest for Truth in a Technological Age: The Evolving Dialogue Between Science and Religion**

Thursday, September 14, 7:00 pm to 8:00 pm

Dr. John D. Cressler unpacks the fascinating evolving dialogue between science and religion, exposing you to the marvels of modern science (cosmology, biology, quantum theory) and what those discoveries mean for religion and the future of humanity.

[Details>>](#)

### **Cybersecurity Lecture Series with Milton Mueller**

Friday, September 15, 12:00 pm to 1:00 pm

“What Can Social Science Contribute to Cybersecurity Attribution Research?” - Professor Milton Mueller

[Details>>](#)

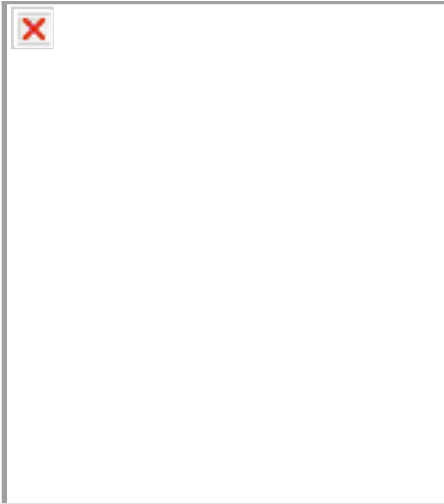
---

## Theses and Dissertations

Click [here](#) to view information on all upcoming oral exams and defenses.

---

To have your ECE-affiliated seminar included on this regular email distribution, please send the seminar details to [Ashlee Gardner](#) by the end of each Thursday of the week prior to your event. This seminar listing is posted [here](#).



## Latest News

[2017-2018 Georgia Tech Institute for Electronics and Nanotechnology \(IEN\) Core Facilities Seed Grant Program](#)

[International Ambassadors Bring Campus Life to Potential Students](#)

[ECE at Dragon Con 2017](#)

[Zhang Wins Best Paper Award at IEEE PV Conference](#)

[Georgia Tech Team Selected for Solid-State Lighting Research](#)

[Supporting Students' Entrepreneurial Spirit](#)





---

*Copyright © 2017 Georgia Tech School of Electrical and Computer Engineering. All rights reserved.*  
You are receiving this email because you are an ECE student, prospective student, staff member, or faculty member.

**Our mailing address is:**

Georgia Tech School of Electrical and Computer Engineering  
Van Leer Electrical Engineering Building  
777 Atlantic Drive NW  
Atlanta, GA 30332-0250

[Add us to your address book](#)

Want to change how you receive these emails?  
You can [update your preferences](#) or [unsubscribe from this list](#)



**From:** Georgia Tech ECE<communications@ece.gatech.edu>  
**Sent on:**Friday, September 23, 2016 2:42:05 PM  
**To:** dd92@gatech.edu  
**Subject:**ECE Weekly News September 26 - October 2

[View this email in your browser](#)



**ECE News: September 26 - October 2, 2016**

## Give us the scoop

Got exciting news? Please keep us in the loop. Contact the communications team [via email](#) with interesting research projects, awards, and events that you think we should communicate to a wider audience. You might just see it here!

## ECE in the news

ECE Undergraduate Ryan Pickren:

- [\*This college student has made \\$300,000 worth of frequent flyer miles for legally hacking United Airlines\*](#)
- [\*How a College Student Got 15 Million Miles by Hacking United Airlines\*](#)
- [\*College Student Gets 15 Million Miles for Hacking United Airlines\*](#)
- [\*United Airlines Pays Georgia Tech Student Frequent Flyer Miles to Hack Its Website\*](#)
- [\*College Student Has Earned 15 Million Miles by Hacking United\*](#)

Professors Saibal Mukhopadhyay and Sudhakar Yalamanchili; Ph.D. students Duckhwan Kim and Jae-ha Kung; alumnus Sek Chai:  
[\*Deep Learning Architectures Hinge on Hybrid Memory Cube\*](#)

---

## Upcoming Events

### GT Neuro Seminar Series

Monday, September 26, 11:00 am to 12:00 pm

"Itch Receptors in the Airway" - Liang Han, Ph.D. - Georgia Tech

[Details>>](#)

### Turing Award Winner Visits Georgia Tech

Tuesday, September 27, 4:30 pm to 6:00 pm

Turing Award winner Butler Lampson visits Georgia Tech for the Capital One Fall '16 Distinguished Lecture.

[Details>>](#)

### 2016 Georgia Tech Cyber Security Summit

Wednesday, September 28, 8:30 am to 4:30 pm

Georgia Tech invites the public to a free, full-day seminar hosted by

the Institute for Information Security & Privacy.

[Details>>](#)

### **Harris Day in the Lobby**

Wednesday, September 28, 10:30 am to 2:00 pm

Representatives from Harris will visit ECE.

[Details>>](#)

### **ECE Seminar (ECE 2001A/ECE 8001A)**

Wednesday, September 28, 11:05 am to 11:55 am

*Becoming a Software Engineer: Bit by Bit* - Mr. Clay McClure,  
Member of the Technical Staff, Cisco Meraki

[Details>>](#)

### **IRIM Robotics Seminar**

Wednesday, September 28, 12:00 pm to 1:00 pm

Duke University's Kris Hauser presents a seminar as part of the IRIM Robotics Seminar Series.

[Details>>](#)

### **Developers Delight: Wearables, Apps, IoT, oh my!**

Thursday, September 29, 10:30 am to 12:00 pm

Do you have the next big idea? ...keep calm and develop. Join us for a Brunch & Learn panel and Q&A on considerations for developing in the emerging technology space.

[Details>>](#)

### **IEN Technical Seminar on Advanced Fabrication: Silicon Piezoresistive Transducer Design - A Practical Guide**

Thursday, September 29, 12:00 pm to 1:00 pm

The goal of the seminar is to provide a practical guide for the design of silicon based piezoresistive transducers.

[Details>>](#)

## Just Energy Summit

Friday, September 30 to Saturday, October 1, 8:00 am to 5:00 pm

Join SLS for this two-day forum that will provide an exciting foundational platform to increase the collective understanding of the needs/disparities, community visions, and available resources for a more resilient future.

[Details>>](#)

## Cybersecurity Lecture Series

Friday, September 30, 12:00 pm to 1:00 pm

"Cryptographically Enforced Access Control for User Data in Untrusted Clouds" - Frank Wang

[Details>>](#)

## IRIM Robotics Seminar

Friday, September 30, 12:00 pm to 1:00 pm

Duke University's Ivan Laptev presents a seminar as part of the IRIM Robotics Seminar Series.

[Details>>](#)

---

## Theses and Dissertations

David Zhang

Wednesday, September 28, 2016

9:00 am

Room 1202, Klaus

Title: *Design of Power Delivery Network using Power Transmission Lines for High Speed I/O Signaling in Complex Electronic Systems*

Sou-Chi Chang

Thursday, September 29, 2016

12:00 pm

Room 1212, Klaus

Title: *Beyond-CMOS Spintronic Logic and Ferroelectric Memory*

Click [here](#) to view information on all upcoming oral exams and defenses.

---

To have your ECE-affiliated seminar included on this regular email distribution, please send the seminar details to [Ashlee Gardner](#) by the end of each Thursday of the week prior to your event. This seminar listing is posted [here](#).





## Latest News

[GREEN Lab Wins ISLPED Best Paper Award for Third Straight Year](#)

[Applying Photonics to Electronic Warfare Challenges](#)

[Computer Engineering Student Donates Five Million Air Miles to Student Organizations](#)



Georgia Tech School of Electrical and Computer Engineering  
Van Leer Electrical Engineering Building  
777 Atlantic Drive NW  
Atlanta, GA 30332-0250

[Add us to your address book](#)

Want to change how you receive these emails?  
You can [update your preferences](#) or [unsubscribe from this list](#)



**From:** Do Not Reply - Parking<do-not-reply@parking.gatech.edu>

**Sent on:** Friday, February 26, 2021 10:28:43 PM

**To:** "<Undisclosed recipients:;>"

**Subject:** Event Parking: March 2-7

Dear Parking Permit Customers:

The following events will take place in McCamish Pavilion March 2-7, 2021:

- Men's basketball game vs. Duke: Tuesday March 2 at 8 p.m.
- Private event: Wednesday, March 3 – Sunday, March 7

### **MEN'S BASKETBALL PARKING**

Please move your vehicles from the following lots/streets Tuesday, March 2 at 5 p.m.:

- E65 (all areas)
- ER55 (specifically both sides of Fowler from 8th to 10th Streets only)
- 8th Street meters

**This includes all Facilities, ROTC, campus, and government vehicles.**

Vehicles remaining in the aforementioned areas after the deadline may need to be relocated. Fire lanes, hashed out "No Parking" areas, and landscaping must be kept clear of vehicles at all times.

**ER66-Family Housing/10th and Home, E52-Peters Deck and W23-North Deck/State Street** do not have to be cleared but will be impacted by basketball visitor parking. Congestion is expected.

ER55 and E65 customers are welcome to park in ER66-Family Housing/10th and Home parking deck. Gate access for ER66 will be added to your BuzzCards or carpool permits.

Also, E65 and ER55 customers may park in any ungated, non-metered, non-residential parking area (E or W zones), except for E44 and W06-Habersham/781 Marietta Street at any time on Saturday, March 6 and Sunday, March 7.

### **PRIVATE EVENT PARKING**

Wednesday, March 3 – Friday, March 5: Guests will park in E65-McCamish lot only. Please move your vehicles by Wednesday, March 3 at 6 a.m. You may park in E65-Zelnak lot or ER66-Family Housing/10th and Home parking deck.  
Saturday, March 6: Guests will park in both the E65-McCamish and E65-Zelnak lots. Please move your vehicles from the E65-Zelnak lot by 6:00 a.m. on Saturday, March 6. You may park in ER66-Family Housing/10th and Home parking deck.  
Sunday, March 7: Guests will park in E65-McCamish lot only. Please move your vehicles by Sunday, March 7 at 6 a.m. You may park in E65-Zelnak lot or ER66-Family Housing/10th and Home parking deck.

### **RETURNING TO ASSIGNED PARKING AREAS**

Customers may return to their assigned parking areas by 8 a.m. on Monday, March 8. Vehicles that remain in alternate parking zones after this time are subject to citation.

Questions about these events may be directed to Georgia Tech Athletics Association at 404-894-5447. General parking questions may be directed to PTS at 404-385-7275 or [info.parking@parking.gatech.edu](mailto:info.parking@parking.gatech.edu).

On behalf of the Institute and the Georgia Tech Athletic Association, we thank you in advance for your cooperation, we appreciate your patience and continued support.

Sincerely,

Parking and Transportation Services  
404-385-7275

[Info.parking@parking.gatech.edu](mailto:info.parking@parking.gatech.edu)  
[www.pts.gatech.edu](http://www.pts.gatech.edu)

**From:** Georgia Tech Library<jason.wright@library.gatech.edu>

**Sent on:**Monday, February 1, 2021 9:06:34 PM

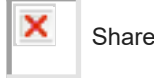
**To:** manos@gatech.edu

**Subject:**Explore Newton's Principia, celebrate Black History Month, and more

News from the Georgia Tech Library.

[this email in your browser](#)

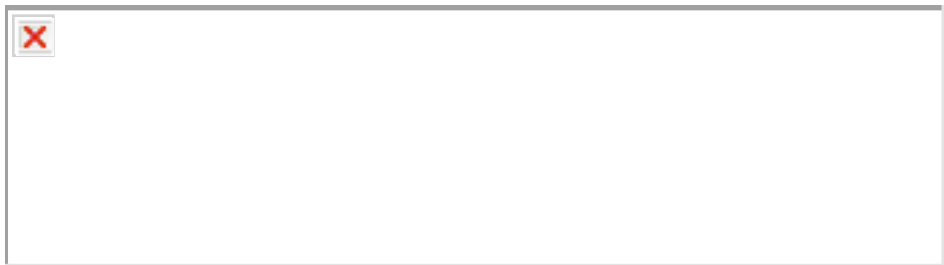




## Explore Newton's Principia Feb. 2



Join Georgia Tech Astronomer Jim Sowell and Research Services and Instruction Archivist Alison Reynolds to explore Sir Isaac Newton's *Principia* & *Opticks*. You'll get a virtual look at the Georgia Tech Archives copies of Newton's *Principia*, which established the modern science of dynamics and serves as the basis for the modern study of physics, and *Opticks*, which provided our modern understanding of light and color.



**Learn film techniques this February**

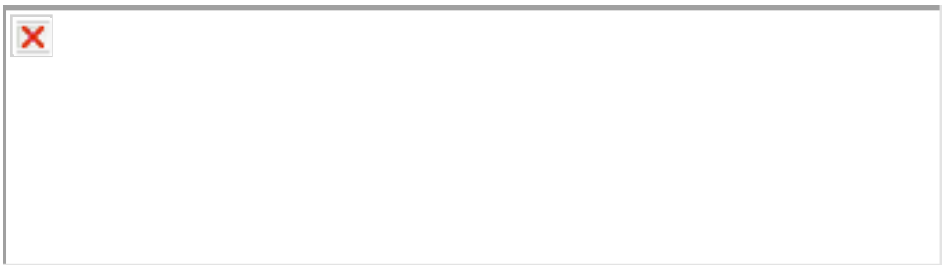


This February, the Georgia Tech Library, in partnership with the Robert C. Williams Museum of Papermaking, hosts two Paper Animation Fast Film Festival events. Both are virtual.

## **Tech's Tactile Thursdays: Stop Motion Animation**

Tell a story without words -- paper animation provides opportunities to explore feelings and events through image. Fold, tear, crumple, bend, twist, and shred! Go beyond the scissors in creating your paper animations and try alternate effects to produce your cinematic masterpiece.





## **Post Production Tips with iMovie**

Did you know you can whip up a quick video fairly easily with iMovie? This workshop covers post production tips useful in editing and finalizing your videos.



## **'In Concert' book launch Feb. 10**



The Georgia Tech Library and Professor Philip Auslander invite you to a special virtual event to celebrate the publication of his new book *In Concert: Performing Musical Persona*.

Auslander, a Professor in the School of Literature, Media, and Communication, will discuss the visual means by which musicians engage their audiences through costume and physical gesture, as well as the spectacular aspects of performance such as light shows.

Librarian Charlie Bennett will lead an audience-driven Q&A with the author.



## Celebrate Black History Month

*The library is pleased to announce some recently acquired primary source material for the study of Black History:*

### **ProQuest Historical Black Newspapers**

These represent some of the widest distributed and most influential newspapers from the African American Community from across the country.

[ProQuest Historical Newspapers: Atlanta Daily World—1931-2003](#)

[ProQuest Historical Newspapers: The Baltimore Afro-American—1893-1988](#)

[ProQuest Historical Newspapers: Chicago Defender—1910-1975](#)

[ProQuest Historical Newspapers: Los Angeles Sentinel—1934-2005](#)

[ProQuest Historical Newspapers: New York Amsterdam News—1922-1993](#)

[ProQuest Historical Newspapers: Pittsburgh Courier—1911-2002](#)

*Please note that the following can only be accessed from on campus or via the campus VPN*

### [African American Communities, 1863-1986](#)

- A diverse range of primary source material is showcased in this collection that focuses on race relations across social, political, cultural and religious arenas.
- Source archives: Atlanta History Center; Richard J. Daley Library, University of Illinois at Chicago; Southern Historical Collection, Wilson Special Collections Library, University of North Carolina at Chapel Hill; The Newberry Library; Weeksville Heritage Center

### [Everyday Life and Women in America, c1800-1920](#)

- *Everyday Life and Women in America, c.1800-1920* comprises thousands of fully searchable images of rare books, pamphlets, periodicals and broadsides addressing political, social and gender issues: religion, race, education, employment, marriage, sexuality, home and family life, health, and pastimes.
- Source Archives: *The New York Public Library, and The Sallie Bingham Center for Women's*

## [Race Relations in America: Surveys and Papers from the Amistad Research Center, 1943-1970](#)

- Discover a wealth of primary source material on the Civil Rights Movement, segregation, discrimination and racial theory in America during three pivotal decades of the twentieth century.
- Source Archive: Amistad Research Center, New Orleans, LA

## **New electronic resources**

*The below resources are either new to Georgia Tech or being evaluated for purchase (under trial). For a complete list of the online resources available to Georgia Tech, please visit the [Database A-Z page](#) for databases and datasets or the [Journals A-Z page](#) for available e-journals.*

## **New Collections**

### [ProQuest Historical Newspapers: The Wall Street Journal—1889-2003\\*](#)

### [ProQuest Historical Newspapers: The Washington Post—1877-2004\\*](#)

*Please note that the following can only be accessed from on campus or via the campus VPN*

### [Defining Gender, Mid-15<sup>th</sup> to early 20<sup>th</sup> Century](#)

- Students and scholars are provided the opportunity to research the ideals of social conduct, power distribution within the family, consumption and leisure, education of men and women and gender perceptions of the body to analyze and challenge the changing views and ideas surrounding traditional gender roles.
- Source Archives: Bedfordshire & Luton Archives and Records Service; Birmingham Central Library; Brynmor Jones Library, University of Hull; Clark Library, Los Angeles; Hertfordshire Archives and Local Studies; Leeds University Library; Marlborough College, Wiltshire; Sheffield Archives & Local Studies; Somerville College Archive, University of Oxford; St Hilda's College Archive, University of Oxford; The Bodleian Library, Oxford; The British Library, London; The London Library; The National Archives; University of Birmingham Libraries; Wellcome Library

### [Ethnomusicology: Global Field Recordings, 1950-1980](#)

- Presenting content from across the globe, this diverse and comprehensive resource features thousands of audio field recordings and interviews, educational recordings, film footage, field notebooks, slides, correspondence and ephemera from over 60 fields of study, including sites in West Africa, North America, South East Asia and more.
- Source Archives: UCLA Ethnomusicology Archive and the University of Washington

### [Gender: Identity and Social Change, 19<sup>th</sup> to 21<sup>st</sup> Centuries](#)

- Explore records from men's and women's organizations, advice literature and etiquette books to reveal developing gender roles and relations. Gain an insight into changing societal expectations about gender roles through personal diaries and correspondence and explore the life and careers

key figures and pioneers in gender history.

- Source archives: Bryn Mawr College; Glenbow; Hagley Museum and Library; Mary Evans Picture Library; Michigan State University Libraries; Schlesinger Library on the History of Women in America; The John Rylands Library, University of Manchester; The University of Melbourne; Trinit College, Cambridge

### [J. Walter Thompson: Advertising in America, 1900-2000](#)

- The J. Walter Thompson Company Archives stand alone as the most complete and informative record of the history of modern advertising. The fascinating records of this pioneering agency document the research and creative processes behind the creation of advertisements, including many of the world's biggest and best-known brands. The records also offer an evolving insider account of life within an advertising agency throughout the twentieth century, documenting changes such as the growing role of women in the industry.
- Source Archive: John W. Hartman Center for Sales, Advertising & Marketing History, David M. Rubenstein Rare Book & Manuscript Library, Duke University

### [Socialism on Film, Module III: Culture and Society](#)

- These propaganda films encompass a broad range of content, which focus on healthcare and tourism, women's work, environmentalism and education. Module highlights include footage shot the aftermath of the Chernobyl disaster, documentaries on the Space Race, and films which aim to present Soviet power as a modernizing force for women's rights.
- Source Archive: The British Film Institute (BFI)

## **Trial Collections**

### [ProQuest Digital National Security Archive](#)

- Digital National Security Archive unlocks a vast trove of important declassified U.S. government documents, providing vital primary source material to advance research in twentieth and twenty-first century history, politics, and international relations.
- Working in collaboration with the National Security Archive to preserve and widen access to this significant material, ProQuest has created a far-reaching, curated collection of U.S. official documents. More than 875,000 pages and approximately 140,000 documents respectively are included, with many gathered through extensive use of the U.S. Freedom of Information Act by The Archive.

### [ProQuest Ethnic Newswatch](#)

- Ethnic NewsWatch is a current resource of full-text newspapers, magazines, and journals of the ethnic and minority press, providing researchers access to essential, often overlooked perspectives. The database now also contains Ethnic NewsWatch: A History, which provides historical coverage of Native American, African American, and Hispanic American periodicals from 1959-1989. Together these resources present an unmatched, comprehensive, full-text collection of more than 2.5 million articles from over 340 publications. Perhaps the most valuable aspect of the resource is the inclusion of unique community publications not found in any other database, as well as top scholarly journals on ethnicities and ethnic studies.

### [ProQuest GenderWatch](#)

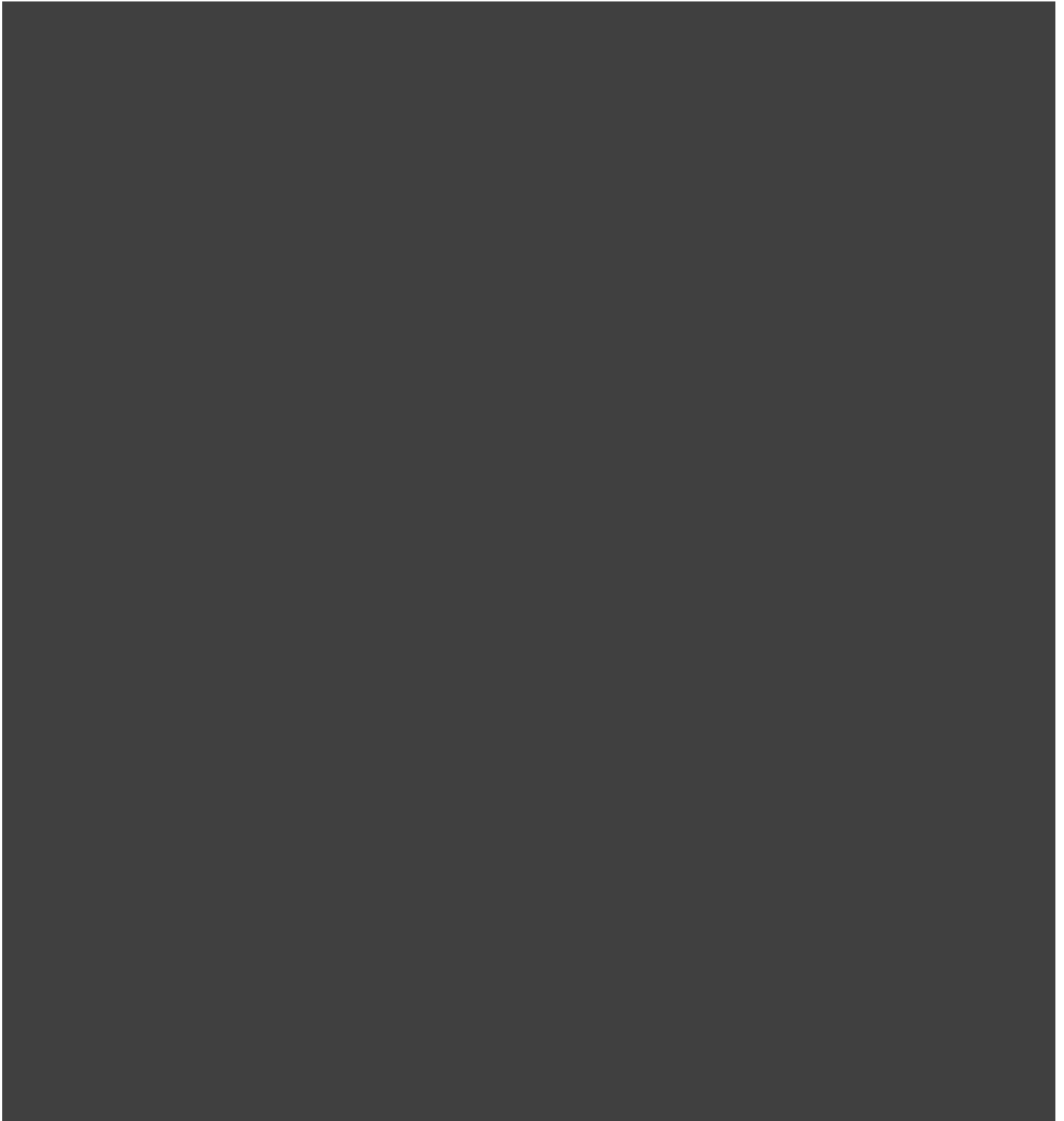
- GenderWatch enhances gender and women's studies, and gay, lesbian, bisexual, and transgender (GLBT) research by providing authoritative perspectives from 1970 to present. This well-established and highly reviewed resource offers over 300 titles, with more than 250 in full-text, from an array of academic, radical, community and independent presses. Researchers and teachers may access

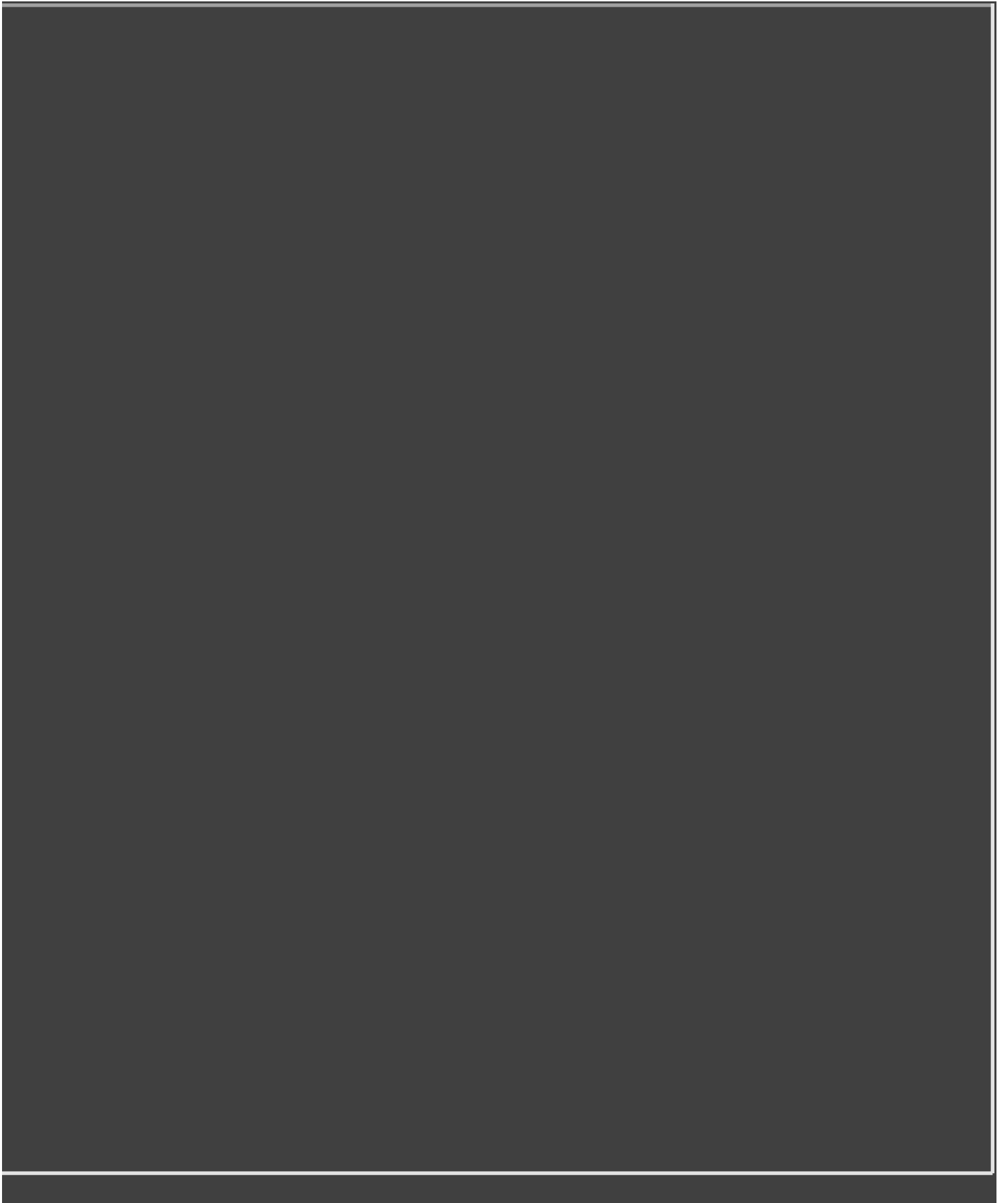
more than 219,000 full articles on wide-ranging topics like sexuality, religion, societal roles, feminism, masculinity, eating disorders, healthcare, and the workplace.

### [ProQuest Women's Magazine Archive](#)

- Consumer magazines aimed at a female readership are recognized as critical primary sources through which to interpret multiple aspects of 19th and 20th-century history and culture.

## **Getting tested? Check out our history exhibit**





Next time you're in the library getting tested for Covid, why not pop in the gallery space on Price Gilbert's first floor? It's open every day from 9 a.m. to 5 p.m.

This quarter's opening exhibit, *Welcome to Your Library*, is the Library and Georgia Tech's intertwined histories. Soon, we'll feature national touring exhibits and pop-ups of student and faculty work.

## Workshops, events and classes

---







*Copyright © 2021 Georgia Tech Library, All rights reserved.*  
You are receiving this email as a part of the Georgia Tech community.

**Our mailing address is:**  
260 Fourth Street NW  
Atlanta, GA 30332

Want to change how you receive these emails?  
You can [update your preferences](#) or [unsubscribe from this list](#)

From: ACM CCSW <q@ccsw.io>

Sent on: Wednesday, July 28, 2021 6:37:47 PM

To: manos@gatech.edu

Subject: Extended Deadline: 2021 ACM Cloud Computing Security (CCSW) at CCS

--

Deadline extended to August 8: <https://ccsw21.hotcrp.com/>

--

2021 ACM Cloud Computing Security (CCSW) at CCS

November 14, 2021, Seoul, Korea

<https://ccsw.io>

Deadline extended to August 8: <https://ccsw21.hotcrp.com/>

Dear Colleagues,

Time flies. We're organizing the 12th edition of ACM CCSW! Past workshops were tremendous successes, with large audiences, numerous sponsors (NSF, Microsoft, Private Machines, Ant Financial, NEC etc), many keynotes, and excellent papers. We hope you will join us again for yet another successful event!

#### DATES

Submissions due: 8 August, 2021 (11:59pm anywhere in the world)

Submission URL: <https://ccsw21.hotcrp.com/>

#### SUMMARY

Clouds and massive-scale computing infrastructures are starting to dominate computing and will likely continue to do so for the foreseeable future. Major cloud operators are now comprising millions of cores hosting substantial fractions of corporate and government IT infrastructure.

CCSW is the world's premier forum bringing together researchers and practitioners in all security aspects of cloud-centric and outsourced computing, including but not limited to:

- + side channel attacks
- + practical cryptographic protocols for cloud security
- + secure cloud resource virtualization mechanisms
- + secure data management outsourcing (e.g., database as a service)
- + practical privacy and integrity mechanisms for outsourcing
- + foundations of cloud-centric threat models
- + secure computation outsourcing
- + remote attestation mechanisms in clouds
- + sandboxing and VM-based enforcements
- + trust and policy management in clouds

- + secure identity management mechanisms
- + new cloud-aware web service security paradigms and mechanisms
- + cloud-centric regulatory compliance issues and mechanisms
- + business and security risk models and clouds
- + cost and usability models and their interaction with security
- + scalability of security in global-size clouds
- + trusted computing technology and clouds
- + binary analysis for remote attestation and cloud protection
- + network security (DOS, IDS etc.) mechanisms for cloud contexts
- + security for emerging cloud programming models
- + energy/cost/efficiency of security in clouds
- + machine learning for cloud protection

CCSW especially encourages novel paradigms and controversial ideas that are not on the above list. The workshop has historically acted as a fertile ground for creative debate and interaction in security-sensitive areas of computing impacted by clouds.

CCSW is soliciting full papers of up to 12 pages which will be judged based on the quality per page. Thus, shorter, high-quality papers are encouraged, and papers may be perceived as too long if they are repetitive or verbose. Submissions must be single PDF files, no more than 12 pages long in double-column ACM format (the sigconf template from <https://www.acm.org/publications/proceedings-template>, with a simpler version at <https://github.com/acmccs/format>), excluding the bibliography, well-marked appendices, and supplementary material. Note that reviewers are not required to read the appendices or any supplementary material. Authors should not change the font or the margins of the ACM format. Submissions not following the required format may be rejected without review. Submissions not meeting these guidelines risk rejection without consideration of their merits. Accepted papers will be published by the ACM Press and/or the ACM Digital Library.

Submissions must be anonymous, and authors should refer to their previous work in the third-person. Submissions must not substantially overlap with papers that have been published or that are simultaneously submitted to a journal or a conference with proceedings. Each accepted paper must be presented by one registered author. Submissions not meeting these guidelines risk immediate rejection. For questions about these policies, please contact the chairs.

\*\*\* Both research and position/vision/white papers are invited \*\*\*

Submissions must not substantially overlap with papers that have been published or that are simultaneously submitted to a journal or a conference with proceedings. All authors and their affiliations must be listed.

Proposals for panels are also solicited. The proposals are to be concise, up to 2 pages in length, describe the handled topics, name potential panelists and briefly scope the panel for CCSW. Disruptive and controversial panels are particularly encouraged.

## KEYNOTE SPEAKERS

TBA. Multiple highly-visible CTOs, CISOs and applied researchers.

Organizers =====

## STEERING

Srdjan Capkun, ETH Zurich  
Emiliano De Cristofaro, University College London  
Kristin Lauter, Microsoft Research  
Radu Sion, Stony Brook University (chair)  
Yinqian Zhang, Ohio State University

## CHAIRS

Yinqian Zhang, Southern University of Science and Technology (SUSTech), China  
Marten van Dijk, Centrum Wiskunde & Informatica (CWI), Netherlands

## PROGRAM COMMITTEE

Nicolas Alhaddad, Boston University  
Erik-Oliver Blass, AirBus  
Bogdan Carbunar, FIU  
Anrin Chakraborti, Duke University  
Bala Chandrasekaran, Vrije Universiteit Amsterdam  
Fei Chen, Shenzhen University  
Guoxing Chen, Shanghai Jiao Tong University  
Joel Coffman, United States Air Force Academy  
Reza Curtmola, New Jersey Institute of Technology  
Roberto DiPietro, HBKU College of Science and Engineering Doha-Qatar  
Sisi Duan, Tsinghua University  
Sotiris Ioannidis, Technical University of Crete  
Chenglu Jin, CWI  
Ghassan Karame, NEC Laboratories Europe  
Stefan Katzenbeisser, University of Passau  
Alptekin Kupcu, Koc University  
Byoungyoung Lee, Seoul National University  
Zhou Li, University of California, Irvine  
Zhiqiang Lin, Ohio State University  
Tarik Moataz, MongoDB  
Dimitrios Papadopoulos, UST Hong Kong  
Giuseppe Persiano, University of Salerno  
Reza Rahaeimehr, University of Augusta  
Uli Ruhmair, LMU Munich & University of Connecticut  
Ahmad Sadeghi, TU Darmstadt  
Reihaneh Safavi-Naini, University of Calgary  
Pierangela Samarati, Università degli Studi di Milano  
Sean Smith, Dartmouth College  
Anil Somayaji, Carleton University  
Alin Tomescu, VMware Research  
Nikos Triandopoulos, Stevens Institute of Technology  
Alpa Trivedi, Intel  
Katja Tuma, Vrije Universiteit Amsterdam  
Leendert vanDoorn, Microsoft Azure  
Mayank Varia, Boston University  
Giorgos Vasiliadis, Foundation for Research and Technology - Hellas

Klaus von Gleissenthal, Vrije Universiteit Amsterdam

Charles Wright, Kombucha Digital Privacy Systems and Portland State University

Meng Yu , Roosevelt University

Yang Zhang, CISA Helmholtz Center for Information Security

Xiaokuan Zhang, Ohio State University

Haibin Zhang, Shandong Institute of Blockchain

Michael Zohner, Hochschule Fulda

**From:** ACM Bulletin<acmbulletin@acm.org>  
**Sent on:** Tuesday, February 2, 2021 3:03:00 PM  
**To:** 2850909 Emmanouil Antonakakis<manos@GATECH.EDU>  
**Subject:** Featured ACM Member: Josiah Dykstra

People of ACM Archives  
February 2, 2021

## Featured ACM Member: Josiah Dykstra



Josiah Dykstra is a Technical Fellow in the Cybersecurity Collaboration Center at the US National Security Agency. Prior to his current role, he held a variety of technical and leadership positions at NSA, including as a senior research manager at NSA's Research Directorate studying computer network operations. His research focus areas have included cloud computing, network security, cybersecurity science, and human factors. Among his many publications, he has authored the book *Essential Cybersecurity Science*.

Josiah has received numerous awards, including the Presidential Early Career Award for Scientists and Engineers (PECASE) Award from the Director of National Intelligence, and an NSA Research Team of the Year award. Dykstra's Distinguished Speaker was recently named an ACM Distinguished Member.

*How has the cybersecurity field doing now in terms of digital forensics for cloud computing?*

Digital forensics has evolved significantly in the past decade since I began my work in that area. Today, there are advanced native logging and forensic support capabilities, and commercial tools for investigating cloud incidents. Uniquely and nearly every year there is a new research paper on cloud forensics at the Digital Forensics Research Conference (DFRWS) and other digital forensic research conferences. This is good news, since hackers are going on more than ever before. In December, for example, NSA released an advisory on detecting abuse of authentication mechanisms, including cloud mechanisms.

As all technology and cybercrime that continues to evolve, there is always more to be done. Even now, I am part of the Enduring Security Framework, a government/industry partnership on cloud security for 5G.

*In November 2020, a massive hack was uncovered that compromised many US federal agencies, as well as private companies. The origin of the hack was traced to malware that was attached to software from SolarWinds, a Texas company. What key recommendation(s) would you offer to prevent something like this from happening again?*

Cybersecurity is about risk management. There have been some serious and significant incidents that need remediation. Unfortunately, history suggests that there is also a near-100% guarantee of new incidents or data breaches in 2021. My first recommendation is to understand your risks. Before deciding what or how to protect your assets:

nderstand what's valuable and needs protection. My second recommendation is to hire some staff with sk  
ditional areas: economics and human factors.

ason we need cybersecurity is because we have human users, human developers, and human adversarie  
didn't take any courses in Psychology or Economics during all my Computer Science education. These ar  
profession and practice of cybersecurity. My third recommendation is to ruthlessly practice basic cyber b  
g with keeping systems patched. Patching may not stop a dedicated nation-state attacker, but it raises th  
es of malicious cyber actors. I am very thankful for advances in automatic updates that allow systems to  
ad with minimal human effort.

importance of human factors in cybersecurity has been another focus of your research. Will you briefly dis  
I insight in the presentation "Stress and Hacking: Understanding Cognitive Stress in Tactical Cyber Ops,"  
shared with Celeste Paul?

me many years in the profession before I recognized the importance of humans in cybersecurity. I spent  
doing tactical cyber operations like penetration testing. When I transitioned from that work to a role in res  
that interested me was studying the human impact of cybersecurity work, including stress and fatigue. Wi  
ence as an operator, I asked Celeste—a colleague and expert in human-centered computing—how we mig  
ire cognitive workload. Together, our research produced some of the first data showing that tactical cybe  
se fatigue, frustration, and cognitive workload. Because the work is important and failure is not an option  
ved that participants achieved high performance no matter the workload.

ublished and released our Cyber Operations Stress Survey to help others evaluate their own workforces. V  
mended that employers review their policies on breaks, scheduling, and operation length. Empowering o  
appy, healthy work environments can help lower stress and fatigue. Importantly, this isn't about free food  
tent to which a person feels that they have control over their lives.

re also interested in the use of augmented reality for cybersecurity applications. Will you give us a few ex  
ugmented reality might be an effective tool in the cybersecurity realm?

ery interested in opportunities to help the cybersecurity workforce be more effective in their work. That ca  
forms, from automation to augmented reality (AR). Several years ago, I began to wonder if AR might offer  
tages as an interface for understanding network anomalies. We built a prototype using Microsoft HoloLen  
ared it with traditional 2D visualizations. The evaluation showed potential but it was so new that users had  
y learning it.

ntinues to show promise as the technology matures, and I can foresee uses in training, maintenance (e.g.  
center), and planning (e.g. traffic moving around a network). This work intersects with the study of cognit  
oad, since the Stress Survey could be used to measure change over time in pilots of technology such as a



Association  
for  
Computing  
Machinery

1601 Broadway, 10th Floor, New  
York, NY 10019-7434

Copyright © 2021, ACM, Inc. All  
rights reserved

You are subscribed with: [manos@GATECH.EDU](mailto:manos@GATECH.EDU)

[Unsubscribe](#)

Connect with us:





**From:** TechConnect World Innovation Conference and Expo<connect@techconnect.org>

**Sent on:** Thursday, January 23, 2020 7:48:05 PM

**To:** manos@gatech.edu

**Subject:** Final Call for Abstracts due tomorrow Jan 24



## Submit your Abstracts Final Call - Tomorrow January 24

Join the global applied research community in Washington DC this spring. From Materials to Med  
AI to Quantum, from Sensors to Energy, present your research to leading academic, industry  
government partners and funders!

<https://www.techconnectworld.com>

Submit Abstract

Submit Innovation

Applied Research - due Jan. 24

IP/Startup/SBIR - due Feb. 28



### Program Highlight Links

**1500**

Presenters

**\$3.5B**

TechFunding

**250**

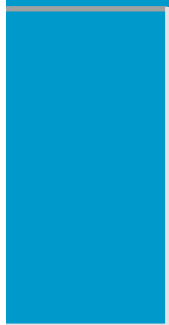
Exhibitors

**1000**

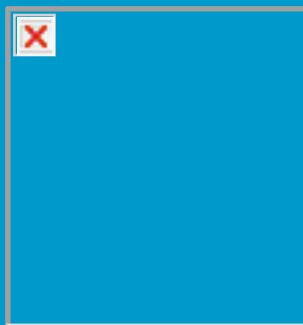
Prospectors

**2500**

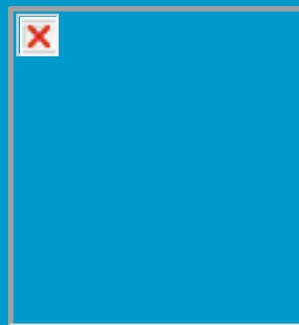
1-on-1s



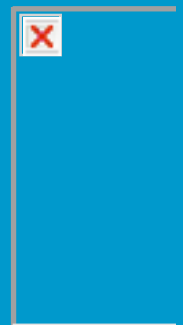
Advanced Materials



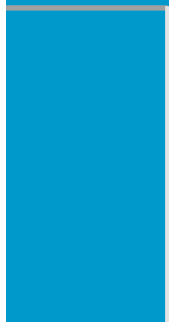
Nanotech  
2020



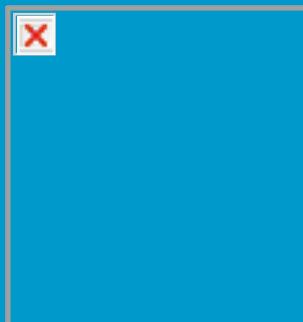
AI & Machine Learning



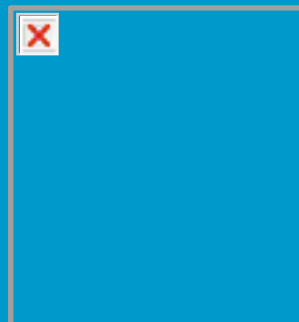
Advanced Manufacturing



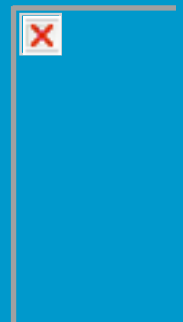
Sustainability



Biotech  
& Medtech



Personal/  
Home Care



Tech-Scouting

## Key Speakers & Organizers Include:

- Nicolas Alvarez, Drexel University
- Samiul Amin, Manhattan College
- Kawakahi Amina, U.S. Indo-Pacific Command
- Thomas Anchordoquy, University of Colorado
- Wolfgang S. Bacsa, University of Toulouse
- Chulsung Bae, Rensselaer Polytechnic Institute
- Andrew P. Baumann, U.S. Food and Drug Administration (FDA)
- Vikas Berry, University of Illinois at Chicago
- Jean Berthier, University of Washington
- Peter Bishop, Johnson Matthey, UK
- Carlos Bosques, Evolved by Nature
- Patrick Brant
- Keith Brown, Boston University
- Steven Buechler, University of Notre Dame; DiagenomiX
- Vincent Bulone, University of Adelaide, AU
- Elizabeth Burton, UC Berkeley
- Ahmed Busnaina, Northeastern University
- Jim Caley, U.S. Navy
- Fiona Case, TechConnect
- Ishita Chakraborty, Stress Engineering Services
- Jeffrey Chalmers, The Ohio State University
- Hongda Chen, U.S. Department of Agriculture
- Yupeng Chen, University of Connecticut
- Zhaofeng Chen, Nanjing University of Aeronautics and Astronautics
- Jim Clarke, Intel
- Alisa Morss Clyne, University of Maryland
- Jeannine M. Coburn, Worcester Polytechnic Institute
- Connor Coley, MIT
- Khershed P. Cooper, National Science Foundation
- Katrina Cornish, Ohio State
- Randy D. Cortright, National Renewable Energy Laboratory (NREL)
- Ronald A. Coutu, Marquette University
- Lou Dadock, FUJIFILM Dimatix, Inc.
- Payel Das, IBM Thomas J Watson Research Center
- Philip Demokritou, Harvard School of Public Health
- Charles Dimmler, Checkerspot
- Marina A. Dobrovolskaia, National Cancer Institute
- Ananth Dodabalapur, The University of Texas at Austin
- Tomasz Durakiewicz, US National Science Foundation
- Christine E. Duval, Case Western Reserve University
- Alan Evans, Corning Optical Communications
- Anne Fischer, DARPA
- Aaron D. Franklin, Duke University
- Yoshihito Fukasawa, Asahi Kasei Construction Materials Corporation
- Susan Fullerton, University of Pittsburgh
- Eric Gale, Harvard Medical School
- Genet Garamendi, Checkerspot, Inc.
- Slade H Gardner, Big Metal Additive, Inc.
- Sean Garner, Corning Inc.
- Geoffrey M. Geise, University of Virginia
- Chuck Geraci, NIOSH
- Hossein Ghezel-ayagh, FuelCell Energy
- Adam Goff, Luna Innovations
- Yury Gogotsi, Drexel University
- Bill Goldner, USDA Office of the Chief Scientist
- Joamin Gonzalez-Gutierrez, University of Leoben
- Pankaj Gupta, The Dow Chemical Company
- Imre Gyuk, Director, U.S. Department of Energy
- Rear Admiral David Hahn (Invited), U.S. Navy
- Prithwiraj Maitra, Johnson and Johnson
- Debora S. Marks, Harvard Medical School
- Jeffrey McCutcheon, University of Connecticut
- Colleen McMahan, USDA
- Michael T. McMahan, Johns Hopkins University School of Medicine
- Kelsey McNeely, ExxonMobil
- Joey Mead, UMass Lowell
- Chris Menzel, Fujifilm Dimatix, Inc.
- Chris Milroy, NVIDIA
- Junhong Min, Chung-Ang University, S. Korea
- Sven Mumme, U.S DOE
- Ron Munson, Cogentiv Solutions LLC
- Deborah J. Myers, Argonne National Laboratory
- Prakash D. Nallathamby, Notre Dame University
- Tse Nga (Tina) Ng, Univ. of California San Diego
- World L-S Nieh, U.S. Forest Service
- Jan-Steffen Niehaus, Fraunhofer-Center for Applied Nanotechnology
- Alex Norman, Ingredion Inc.
- Kwang W. Oh, Univ. at Buffalo (SUNY)
- Michele Ostraat, Aramco Research
- Len Pagliaro, Siva Therapeutics Inc.
- Pierre Panine, Xenocs SA, France
- Kyoo-Chul (Kenneth) Park, Northwestern University
- Srikanth Pilla, Clemson University
- Olivier Pluchery, Sorbonne Université; BICRHOMATICS
- Johan Pluyter, Pluyter Consulting, LLC
- Martin Poitzsch, Aramco Services Company
- Elena Polyakova, Graphene Laboratories, Inc.; National Univ. of Singapore
- Joe Pratt, Golden Gate Zero Emission Marine
- YuanQiao Rao, The Dow Chemical Company
- Julia Rashba-Step, Phosphorex
- Matteo Rinaldi, Northeastern University
- Joshua Robinson, Penn State University
- Ryan Roeder, University of Notre Dame; Spinesmith LLC
- Orlando Rojas, University of British Columbia, Canada
- Ross Roley, US Indo Pacific Command
- Rick Ross, 3M Company
- Robert Ryan, Twining, Inc.
- Subramanian Sankaranarayanan, Argonne National Lab
- Luis Santos, AstraZeneca
- Karma Sawyer, US DOE, Building Technologies Office
- Axel Scherer, Caltech
- Mary Scott, UC Berkeley
- Maggie Scully, Frederick National Laboratory for Cancer Research
- Brent M Segal, Lockheed Martin
- Jo Anne Shatkin, Vireo Advisors
- Rajesh Shende, South Dakota School of Mines & Technology
- Wu-Sheng Shih, Brewer Scientific
- Maksim Shivokhin, ExxonMobil
- Christopher Sims, NIST
- Harjit Singh, Brunel University London, UK
- Edsger Smits, Holst Centre, Netherlands
- Lydia Sohn, University of California, Berkeley
- Steven R. Sopher, JSP
- Christopher M. Stafford, NIST
- Samuel Stavis, NIST
- Krzysztof Strzelec, Lodz Univ. of Technology, Poland
- Leifka Subramanian, Research Customer

- Rear Admiral David Hann (invited), U.S. Navy
- Donny Hanjaya-Putra, University of Notre Dame
- Nanci Hardwick, MELD Manufacturing Corporation
- Christopher Harrison, Schlumberger
- Kim Hassett, Moderna Therapeutics
- Greg Haugstad, University of Minnesota
- Jingsong Huang, Oak Ridge National Laboratory
- Soojung Claire Hur, Johns Hopkins University
- Sean Ireland, Fiberlean Technologies Ltd.
- Xiaoting Jia, Virginia Tech
- Jim Johnston, Professor, Victoria University of Wellington, New Zealand
- Steven Jons, DuPont Water Solutions
- Matthew Kanan, Stanford University
- Mandakini Kanungo, Corning, Inc.
- Matthew Kapelewski, ExxonMobil
- Ioannis (Yanni) Karampelas, FLOW-3D
- Trevor Keel, World Gold Council, Silver Institute
- Philip M. Kim, University of Toronto
- Peter Koenig, Procter & Gamble
- John P. Kopasz, Argonne National Laboratory
- Jan Kośny, UMass Lowell
- Christoph Kreisbeck, Kebotix, Inc.
- Sanat Kumar, Columbia University
- Aaron Gilad Kusne, NIST
- Kock-Yee Law, Research and Innovative Solutions
- Patrick Lee, University of Toronto, Canada
- Helen Lentzakis, Kruger Biomaterials Inc.
- Martin E. Leser, Nestlé Research
- Qin Li, FDA
- Thomas Li, NXP Semiconductor
- Corinne Lipscomb, 3M
- Kai Liu, Georgetown University
- Ying Liu, Cardiff University, UK
- Rebecca Locker, Modern Meadow
- Anson W. K. Ma, University of Connecticut
- Katharina Maisel, University of Maryland
- Lalitna Subramanian, Dassault Systemes
- Anirudha V. Sumant, Argonne National Labs
- Mark Swihart, University at Buffalo, SUNY
- Sarah Tao, Sanofi
- Sally Tinkle, IDA/Science and Technology Policy Institute
- Tiezheng Tong, Colorado State University
- James M. Tour, Rice University
- Caitlin Tressler, Johns Hopkins School of Medicine
- Loucas Tsakalakos, GE Global Research
- Thomas E. Twardowski, Twardowski Scientific
- Scott Twary, Los Alamos National Laboratory
- Puneet Tyagi, AstraZeneca
- Hasan Uludag, University of Alberta, CA
- Krassimir Velikov, NanoNextNL; Unilever, Netherlands
- Mian Wang, Harvard Medical School; MIT
- Siqun Wang, University of Tennessee
- Thomas J. Webster, Northeastern University
- Bob Westervelt, Harvard University
- William (Cy) Wilson, NASA Langley Research Center
- William L. Wilson, Harvard University
- Wendel Wohlleben, BASF SE, Germany
- Tak-Sing Wong, spotLESS Materials Inc
- Yiliang Wu, TE Connectivity
- Wei Xie, Form Energy Inc.
- Huolin Xin, University of California, Irvine
- Meng Xue, Ingredion Inc.
- Dalia Yablon, TechConnect
- Amir Yacoby, Harvard
- Namiko Yamamoto, Penn State University
- Brenton Young, AOSense, Inc.
- Xindi Yu, The Dow Chemical Company
- Eitan Zeira, Nanocomp Technologies
- Lijie Grace Zhang, George Washington University
- Xing Zhou, Nanyang Technological University, Singapore
- Maxim A Ziatdinov, Oak Ridge National Laboratory
- Steven Zullo, National Institute of Biomedical Imaging and Bioengineering (NIBIB)/NIH

To exhibit or promote your company, lab, university or startup to the global innovation community, please contact Christopher Erb at +1.781.910.7778 or [cerb@techconnect.org](mailto:cerb@techconnect.org).



techconnectworld.com

[Privacy Policy](#) | [Terms](#)

TechConnect, 5540-A North Lamar, Austin, TX 78756

[SafeUnsubscribe™](#) [manos@gatech.edu](mailto:manos@gatech.edu)

[Forward email](#) | [Update Profile](#) | [About our service provider](#)

Sent by [connect@techconnect.org](mailto:connect@techconnect.org) in collaboration with



0



Try email marketing for free today!

From: Keromytis, Angelos D <angelos@gatech.edu>

Sent on: Monday, April 29, 2019 5:41:53 PM

To: Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>; Husbands Fealing, Kaye G <khf@gatech.edu>; Weitnauer, Mary A <mary.ann.weitnauer@ece.gatech.edu>; Romberg, Justin <jrom@ece.gatech.edu>; Beyah, Raheem A <rbeyah@ece.gatech.edu>

CC: Mueller, Milton L <milton@gatech.edu>; Jordan, Jennifer E <jenna.jordan@inta.gatech.edu>; Brecke, Peter K <peter.brecke@inta.gatech.edu>

Subject: Final schedule and seminar information for Dr. Ben Radford (May 1, 11am @ Van Leer C457) -- feel free to circulate

Attachments: radford\_cv.pdf (51.08 KB)

Seminar: "Machine Learning Approaches for Cybersecurity Incident Measurement", Dr. Ben Radford

Time: May 1, 2019 (11am - noon)

Location: Van Leer C457

Host: Angelos Keromytis

Schedule:

07:45 am - Magnus picks up Ben from the Hampton Hotel on North Avenue

08:00 am - 08:45 am — Breakfast with Magnus Egerstedt

09:00 am - 09:30 am — Mary Ann Weitnauer (Centergy Room 5140)

09:45 am - 10:30 am — Angelos Keromytis (Klaus 3362)

10:30 am - 11:00 am — Seminar Prep (Van Leer C457)

11:00 am - 12:00 pm — Seminar (Van Leer C457)

12:00 pm - 01:15 pm — Lunch with Justin Romberg

01:30 pm - 02:00 pm — Raheem Beyah (Klaus 2308)

02:15 pm - 03:00 pm — Kaye Husbands Fealing (DM Smith 107B)

03:00 pm - 04:00 pm — Meeting with Milton Mueller, Jennifer Jordan, Peter Brecke (DM Smith 108)

04:15 pm - 04:45 pm — Meeting with Magnus Egerstedt (Van Leer W215)

06:00 pm - Dinner (Angelos, ...)

Title: Machine Learning Approaches for Cybersecurity Incident Measurement

Abstract:

The proliferation of advanced threat actors in cyberspace has left cybersecurity practitioners, engineers, and social scientists struggling to stay ahead of a phenomenon that is reshaping political conflict. The timely detection and attribution of these incidents is necessary to understand the threat environment, the actors therein, and the capabilities and objectives of those actors. Better attribution, along with more precise measurement of cybersecurity events in general, will not only lead to better legal and policy outcomes but also to an understanding of how political conflict occurs in a cyber-connected world.

In this talk, Dr. Radford will discuss his research that applies machine learning to assist analysts with incident discovery and response. The talk will also explore the state of cybersecurity data available for quantitative social science research, the importance of having such data, and the challenges of acquiring it. Finally, Dr. Radford will introduce a machine learning-

based method for quickly producing structured event data on cybersecurity incidents for use in social science applications.

Bio:

Benjamin J. Radford studies political conflict, cybersecurity, and the application of machine learning to problems in these domains. Dr. Radford has worked on several research programs for the United States Government including projects at DARPA and the Office of Naval Research. In addition to his work on conflict forecasting, civil war, and political event data, he has worked as a principal data scientist on efforts for cybersecurity incident detection and as principal investigator for a government-funded cybersecurity attribution program. His research has been published in the "Journal of Conflict Resolution" and "Political Science Research and Methods", among other venues. Dr. Radford received his PhD in political science from Duke University and he is currently the President and Chief Scientist of LevelUp Research.

**From:** Urias, Vincent E<veuria@sandia.gov>  
**Sent on:** Monday, February 18, 2019 6:15:52 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Follow-Up Conversation

Sir,

Thanks for taking the call on Friday, as always , I'm glad you're on our side :)

A few things I wanted to follow-up on :

- What dates are good for you in march for us to come out to GT and visit with you and just your lab(s)
  - o Some of my objectives :
    - ☐ See where the malware + dns work is at
    - ☐ Define / ID what data is idea for that analysis and what API we can provide to do this at scale
    - ☐ Define a path forward with data (malware analysis results) can be hosted that you can get to it
    - ☐ Learn about what DNS analytics you run and see how we can institutionalize it within SNL + the NW complex
- Follow-up to see what we can do to help you at the hack-a-thon in May and see how we can participate
- Find dates for you in (may?) for you to come out to SNL and meet with the rest of the research community
- Find venues where we can both publish jointly (one of my metrics for the LDRD)

I think that's it :)

Happy Monday,

-v

**From:** Texplained<newsletter@texplained.com>

**Sent on:**Thursday, October 3, 2019 7:09:12 PM

**To:** manos@cc.gatech.edu

**Subject:**From IC to Netlist & Binary: Trainings, Tools & Services





# IC REVERSE ENGINEERING & CODE DUMP

Follow our 3-days training held at

[Hack in The Box - Abu Dhabi - 13-15 October 2019](#)





**Register for our training in Abu Dhabi**

By following Olivier's course, you will know more about how to:

- Recover ICs internal architectures
- Evaluate the efficiency of existing countermeasures
- Extract NVMs contents (ROM & Flash), in order to analyze and evaluate the security of the embedded firmware, and extract secret information

[Download Training Program](#)

**DIY: EXTRACT ACCURATE DATA FROM ANY IC**  
GET A LICENCE OF CHIPJUICE  
& SETUP YOUR OWN LAB



ASK FOR A LICENCE OF CHIPJUICE

## Easy and efficient recovery of an IC Netlist with ChipJuice

=> For a chip constituted of 200 k Standard Cells, with images at Specifications, ChipJuice allows\*:

- Via Detection in a few minutes
- TrackDetection in a few minutes
- SCL instances detection in a few hours

- Layer processing in up to 2 days
- Layer alignment / Stack creation in a few minutes
- Netlist Generation in around an hour

\*Non-contractual information. e.g. Time for SCL reverse engineering and error corrections are not included.

[Contact us for a Trial Licence](#)

## ASK FOR LAB SETUP SERVICES

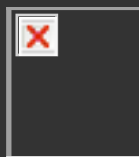
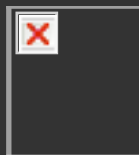
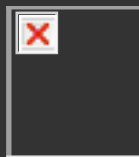
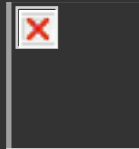
Explained advises & supports you  
To build your own Sample Preparation **Facilities**  
& Ramp up in Depackaging, Delayering and Imagery **Expertise**



**Become an expert in sample preparation and make beautiful pictures of them for an efficient Reverse Engineering**

**Happy to help!**

If you have any question, feel free to answer this email  
or call us +33 489 688 320.



*Copyright © 2019 Texplained, All rights reserved.*

As a technology lover, we believed that you might want to stay tuned to our news feed!

**Our mailing address is:**

Texplained  
1 traverse des Brucs  
Valbonne 06560  
France

[Add us to your address book](#)

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#).



**From:** Contis, Didier M<didier.contis@coe.gatech.edu>  
**Sent on:** Friday, October 5, 2018 5:13:43 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** FW: [CSR] China compromised SuperMicro hardware

FYI

---

**From:** csr-request@lists.gatech.edu <csr-request@lists.gatech.edu> **On Behalf Of** Craig, Christopher A  
**Sent:** Friday, October 5, 2018 10:07 AM  
**To:** csr@lists.gatech.edu  
**Subject:** Re: [CSR] China compromised SuperMicro hardware

Good morning,

I have received questions about this since it was initially reported. As it stands I'm not confident that the news is accurate. All of the parties have reported it's untrue in extremely forceful terms. Apple's and AWS's are particularly telling:

<https://www.apple.com/newsroom/2018/10/what-businessweek-got-wrong-about-apple/>

<https://aws.amazon.com/blogs/security/setting-the-record-straight-on-bloomberg-businessweeks-erroneous-article/>

On the other side of the equation I have seen no indications that would help determine if a particular system is affected by the implants. Generally this long after something becomes public IOCs are available at least on closed vulnerability mailing lists, but this has nothing.

Having said all of that, this is a realistic mode of compromise and we should expect to see something like this happen going forward. If you or any of your customers are dealing with data that a nation-state level attacker would be interested in compromising the best way to protect against this is by covering the network callbacks. This would include both making sure the system is not available from the world through inbound firewall rules and making sure a compromised system cannot reach out to the world through outbound firewall rules. Cyber Security is happy to consult with anyone with concerns about supply chain compromise to help facilitate a network design that can assist in protecting and detecting for this style of threat.

thanks,

—  
Christopher A. Craig, CISSP  
Associate Director of Cyber Security  
Georgia Institute of Technology  
(404)385-4316

On Oct 4, 2018, at 11:37 AM, Craig, Christopher A <[christopher.craig@security.gatech.edu](mailto:christopher.craig@security.gatech.edu)> wrote:

The original article is

<https://www.bloomberg.com/news/features/2018-10-04/the-big-hack-how-china-used-a-tiny-chip-to-infiltrate-america-s-top-companies?srnd=businessweek-v2>

But if it's real, the cover up has certainly started. I have been looking all morning for technical details and can only find denials.

—  
Christopher A. Craig, CISSP  
Associate Director of Cyber Security  
Georgia Institute of Technology  
(404)385-4316

On Oct 4, 2018, at 11:32 AM, Mitchell, Kevin T <[kevin@oit.gatech.edu](mailto:kevin@oit.gatech.edu)> wrote:  
URL broken or has the cover up started?

--  
Kevin Mitchell  
OIT - Architecture & Infrastructure  
Georgia Institute of Technology  
404.385.7630  
[kevin@oit.gatech.edu](mailto:kevin@oit.gatech.edu)

On Oct 4, 2018, at 11:25, Watson, Keith R. <[krwatson@cc.gatech.edu](mailto:krwatson@cc.gatech.edu)> wrote:

The Big Hack: How China Used a Tiny Chip to Infiltrate U.S. Companies

The attack by Chinese spies reached almost 30 U.S. companies, including Amazon and Apple, by compromising America's technology supply chain, according to extensive interviews with government and corporate sources.

The Big Hack: How China Used a Tiny Chip to Infiltrate U.S. Companies  
The attack by Chinese spies reached almost 30 U.S. companies, including Amazon and Apple, by compromising America's technology supply chain, according to extensive interviews with government and corporate sources.

<https://preview.tinyurl.com/y9tptp9>

keith

**From:** La Bouff, Tara<tara.labouff@iisp.gatech.edu>

**Sent on:** Monday, March 26, 2018 3:23:07 PM

**To:** □ □ >; Farrell, Michael D<Michael.Farrell@gtri.gatech.edu>; Essa, Irfan A<irfan@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Swire, Peter P<Peter.Swire@scheller.gatech.edu>; Mueller, Milton L<milton@gatech.edu>

**Subject:** FW: AI & Cyber - House Committee Hearing

Hi all,  
Georgia Tech has been invited and cleared to participate in a potential Congressional hearing in Washington, D.C., to be scheduled between mid-April and late May. The presentation would be before the U.S. House of Representatives Cyber Committee Caucus. The topic is Cyber + AI -- what policymakers should be aware of going forward as this research field / technology develops. Additional panel participants are likely to include Juniper Networks, Ionic Security, and Core Security.

Please let me know if you would like to represent Georgia Tech, which aspect of Cyber + AI you could address, and any dates that would not work for you during the targeted time period.

Prior to the presentation, Georgia Tech's Government & Community Relations team would meet with you to help you prepare.

Thank you,

--

**Tara La Bouff**

*Marketing Communications Manager*

Institute for Information Security & Privacy at the Georgia Institute of Technology

(404) 769-5408 | [tara.labouff@iisp.gatech.edu](mailto:tara.labouff@iisp.gatech.edu)

266 Ferst Drive, Room KACB-3146

Atlanta, GA 30332

[cyber.gatech.edu](http://cyber.gatech.edu) | [@GaTechCyber](https://twitter.com/GaTechCyber)

---

**From:** "Cullen, Jeff" <jeff.cullen@gatech.edu>

**Date:** Monday, March 26, 2018 at 9:59 AM

**Subject:** RE: AI & Cyber - House Committee Hearing Tara La Bouff GTRI <tara.labouff@iisp.gatech.edu>, Tara,

This would be a closed, private briefing for staff of Members of Congress who have joined the House Cyber Committee Caucus. If Georgia Tech could send someone to this briefing, that would be great.

There are a lot of caucuses in the House, but this topic has a great deal of interest on both sides of the aisle so it could have higher attendance than most of these types of briefings. This should generate a good conversation among the panelist and member staff. If a GT person is selected, Robert and I would be happy to chat with them further about details of the event.

Just as a reminder, this conversation would need to be high level. These staffers would have little to no technical background in cybersecurity. Again, happy to work with whoever would attend for GT. Rep McCaul is Chairman for the House Committee on Homeland Security, so this is definitely the right approach.

Glad to see Ionic Security included as well!

Happy to answer any questions.

Jeff



---

**From:** Sheheane, Dene H

**Sent:** Monday, March 26, 2018 9:48 AM

**To:** Cullen, Jeff <jeff.cullen@gatech.edu>; La Bouff, Tara <tara.labouff@iisp.gatech.edu>

**Subject:** RE: AI & Cyber - House Committee Hearing

Tara,

Thanks for the note. Robert Knotts is on vacation. I am looping in Jeff Cullen in our Federal Relations office for his quick assessment.

Dene

Dene Sheheane

Vice President for Government and Community Relations

Georgia Institute of Technology

A.French Building, Suite 15  
Atlanta, Georgia 30332-0392  
404-894-1238 ph  
[sheheane@gatech.edu](mailto:sheheane@gatech.edu)

---

**From:** La Bouff, Tara  
**Sent:** Monday, March 26, 2018 9:44 AM  
**Subject:** FW: AI & Cyber - House Committee Hearing  
**Importance:** High

Hi all,  
See below about the potential to speak before the House Cyber Committee Caucus in DC in late April – mid May. Georgia Tech has been invited to participate in this discussion. Details below.

***They are seeking names of potential speakers TODAY.***

***Can we participate?***

Wenke – this relates to the topic you address at the TAG Summit last week.

--

**Tara La Bouff**

*Marketing Communications Manager*

Institute for Information Security & Privacy at the Georgia Institute of Technology

(404) 769-5408 | [tara.labouff@iisp.gatech.edu](mailto:tara.labouff@iisp.gatech.edu)

266 Ferst Drive, Room KACB-3146

Atlanta, GA 30332

[cyber.gatech.edu](http://cyber.gatech.edu) | [@GaTechCyber](https://twitter.com/GaTechCyber)

---

**From:** Patrick Gaul <[Patrick@ntsc.org](mailto:Patrick@ntsc.org)>  
**Date:** Monday, March 26, 2018 at 9:36 AM  
**To:** Tara La Bouff GTRI <[tara.labouff@iisp.gatech.edu](mailto:tara.labouff@iisp.gatech.edu)>  
**Subject:** AI & Cyber - House Committee Hearing

Tara,  
I have been working with a senior member of Congressman McCaul's office regarding a congressional committee staff meeting to discuss and better understand the correlation between Cyber and AI. This meeting will be attended by the senior staff of the House Cyber Committee Caucus, and is intended prepare the way for the House the Members of this committee to gather at some point following this session.

I was notified this morning that they intend to proceed with the committee staff meeting, and are happy for me to nominate folks to join the conversation. This initial session will take place in Washington, D.C. at the Rayburn House Building (room to be announced later) *sometime between mid-April and mid-May*.

The Committee staffer managing this session would like to know availability dates of the potential speakers during the period noted above, and also mentioned that they would prefer to host the session on either a Thursday or a Friday.

I don't know if Georgia Tech gets involved with congressional committee meetings, but given the number of folks that you have working in this area I thought I would at least ask. Unfortunately, they are seeking the names of the candidates I'm nominating by close of play today. I believe this is because they already have some folks lined up, but I've been pushing hard to get NTSC candidates in the room, and they finally acquiesced and said okay, but that they want the names immediately.

I have a candidate from Juniper, and waiting to hear from Core Security. I've also reached out to Ionic Security.

Please let me know if Georgia Tech would be interested in being involved.

Cheers,

*Patrick*

**Patrick D. Gaul**

**Executive Director**

**National Technology Security Coalition**

**75 Fifth Street NW**

**Suite 625**

**Atlanta, Georgia 30308**

**Direct: 404-920-0703**

**Mobile: 404-457-4329**

**Email: [patrick@ntsc.org](mailto:patrick@ntsc.org)**



**From:** Mueller, Milton L<milton@gatech.edu>  
**Sent on:** Tuesday, October 10, 2017 9:50:23 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** Farrell, Michael D<Michael.Farrell@gtri.gatech.edu>; La Bouff, Tara<tara.labouff@iisp.gatech.edu>  
**Subject:** FW: Attribution research conversations  
**Attachments:** Authoritative attribution as an institutional problem.pptx (726.19 KB)

Hi guys,

Just resending this invitation – I have not received a response or any indication that you received it.

Is it possible to set up a meeting to discuss joint research or are you uninterested? An answer either way would be appreciated.

---

**From:** Mueller, Milton L  
**Sent:** Thursday, October 5, 2017 5:14 PM  
**To:** Farrell, Michael D <michael.farrell@gtri.gatech.edu>  
**Cc:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Attribution research conversations

Michael, Manos

I would like to set up a time next week to discuss the initiative we are taking in the institutional aspects of international attribution.

I would like to see if some kind of a joint proposal or cooperative interdisciplinary effort is possible. If you need background on my ideas in this area, you can take a look at my Cybersecurity Seminar Lecture

<https://smartech.gatech.edu/handle/1853/58791> or run through the attached slide set.

Late next week would work well for me, especially Wednesday afternoon or Friday.

Dr. Milton Mueller

Professor, School of Public Policy

Georgia Institute of Technology



**From:** Lee, Wenke<wenke@cc.gatech.edu>  
**Sent on:** Wednesday, March 7, 2018 2:37:11 AM  
**To:** Ahamad, Mustaque<mustaq@cc.gatech.edu>; Kim, Taesoo<taesoo@gatech.edu>; Boldyreva, Alexandra<sasha@gatech.edu>; Vlad Kolesnikov<v[REDACTED]>; Antonakakis, Manos<manos@gatech.edu>; Saltaformaggio, Brendan D<brendan@ece.gatech.edu>; Mueller, Milton L<milton@gatech.edu>; Klein, Hans K<hans@gatech.edu>; Swire, Peter P<Peter.Swire@scheller.gatech.edu>; Anton, Ana I<aa16@gatech.edu>; Meliopoulos, A P<sakis.m@gatech.edu>; Chava, Sudheer<sudheer.chava@scheller.gatech.edu>; Alenka Zajic<[REDACTED]>; Prvulovic, Milos<milos@cc.gatech.edu>; Blough, Douglas M<doug.blough@ece.gatech.edu>; Beyah, Raheem A<rbeyah@ece.gatech.edu>; Mooney, Vincent J<mooney@ece.gatech.edu>; Bankoff, Joseph R<joseph.bankoff@inta.gatech.edu>; Goodman, Seymour E<seymour.goodman@inta.gatech.edu>; Husbands Fealing, Kaye G<khf@gatech.edu>; Mark, Leo<leo.mark@pe.gatech.edu>; Baker, Nelson C<nelson.baker@pe.gatech.edu>; Orso, Alessandro<orso@cc.gatech.edu>; Pande, Santosh<santosh.pande@cc.gatech.edu>; Das, Sauvik<sauvik@gatech.edu>; Liu, Ling<ling.liu@cc.gatech.edu>; Pu, Calton<calton.pu@cc.gatech.edu>; Gavrilovska Habl, Ada<ada@cc.gatech.edu>; Sarkar, Vivek<vsarkar@gatech.edu>; Zegura, Ellen<ewz@cc.gatech.edu>; Mostafa Ammar<[REDACTED]>; Xu, Jun<jun.xu@cc.gatech.edu>; Dovrolis, Konstantinos<constantine@gatech.edu>  
**CC:** Ndongi, Elizabeth N<ndongi@cc.gatech.edu>; Doan, Trinh T<trinh.doan@iisp.gatech.edu>  
**Subject:** Fw: Coda neighborhoods - IISP, IDEaS, CSE, BAC/MSs  
**Attachments:** 180306 CODA 100% DD IISP.pdf (1.7 MB)

Folks,

After much back-and-forth, I believe that we are now given space workable for the IISP. That is, I am confident that for those of you who want to have their primary offices/labs in Coda, we can accommodate, and for those of you who just want to have hoteling/shared offices in Coda, we can accommodate as well. Remember, for those who have primary offices/labs in Coda, you can still have shared/hoteling offices and even labs in your current building. But the most important thing is that we will have a space in Coda where all active IISP folks can spend a lot of time together.

Let's meet tomorrow at 3 PM in Klaus 3126 to go over the space layout and start putting a plan (e.g., names to offices/labs) together. And of course, I will try my best to answer your questions and concerns. But I really think Coda is going to work for us! I will be happy to come see you if you can't make meeting's tomorrow. I apologize for the very short notice - they wanted our plan two weeks ago but I was holding on for more space to be allocated to us.

Cheers,

Wenke

**From:** Muncy, Jarrett  
**Sent:** Tuesday, March 6, 2018 11:56 AM  
**To:** Lee, Wenke  
**Cc:** Jones, Christopher W; Roche, Susan M; Sanders, Christian  
**Subject:** RE: Coda neighborhoods - IISP, IDEaS, CSE, BAC/MSs  
Wenke

Attached are the 100% Design Development Plans shared with you earlier this year. On floor 10 you will notice the open area to the bottom right is shown as an open, 14 seat layout. This is the current design and what is included in the pricing. You will also notice an alternate layout with 4 offices and 6 stations in that same space. Please confirm which layout works best for your occupants. Changing to the office layout will add money to construction costs which we can assess in the next phase.

Also, the lab design includes standard provisions for wall and overhead uni-strut mounted power and data,

computational workstations (counts shown on plans), standard lab finishes, and no special AV infrastructure (Actual AV equipment must be provided by unit and is not covered in the scope of construction). The build lab will consist of all mounted power and data along with computer build benches and overhead shelves.

Please provide feedback on the following items by end of week 03/09/2018:

1 open work stations or 4 offices and 6 open work stations

1y specialty AV infrastructure needs

1y specialty lab needs not provided in the standard provisions described above

Thank you so much. Please let me know if you have any questions.

Jarrett

**R. Jarrett Muncy, AUID, NCIDQ, LEED NB+C**

Educational Facilities Planner

Capital Planning & Space Management

Georgia Institute of Technology

225 North Avenue

Lyman Hall - Room 125

Atlanta, Georgia 30332-0690

404.385.2469

[jarrett.muncy@cpsm.gatech.edu](mailto:jarrett.muncy@cpsm.gatech.edu)

**From:** Lee, Wenke<wenke@cc.gatech.edu>

**Sent on:** Sunday, March 11, 2018 7:53:39 PM

**To:** Farrell, Michael D<Michael.Farrell@gtri.gatech.edu>; Griessman, Gloria G<Gloria.Griessman@gatech.edu>; La Bouff, Tara<tara.labouff@iisp.gatech.edu>; Pearson, Christina T<christina.pearson@dev.gatech.edu>; Ahamad, Mustaque<mustaq@cc.gatech.edu>; Kim, Taesoo<taesoo@gatech.edu>; Boldyreva, Alexandra<sasha@gatech.edu>; Vlad Kolesnikov<[REDACTED]>; Antonakakis, Manos<manos@gatech.edu>; Saltaformaggio, Brendan D<brendan@ece.gatech.edu>; Angelos D. Keromytis<angelos@keromytis.com>; Swire, Peter P<Peter.Swire@scheller.gatech.edu>; Anton, Ana I<aa16@gatech.edu>; Mueller, Milton L<milton@gatech.edu>; Klein, Hans K<hans@gatech.edu>; Mooney, Vincent J<mooney@ece.gatech.edu>; Alex Orso<[REDACTED]>; Sarkar, Vivek<vsarkar@gatech.edu>; Pande, Santosh<santosh.pande@cc.gatech.edu>; Prvulovic, Milos<milos@cc.gatech.edu>; Meliopoulos, A P<sakis.m@gatech.edu>; Blough, Douglas M<doug.blough@ece.gatech.edu>

**Subject:** Fw: Corporate Tenants in Coda

**From:** Jones, Christopher W

**Sent:** Friday, March 9, 2018 10:50 AM

**To:** Rehg, James M; Sanders, Matthew J; Narasimhan, Sridhar; Gebraeel, Nagi Z; Taylor, John E; Essa, Irfan A; Romberg, Justin; Isbell, Charles L; Randall, Dana; Aluru, Srinivas; Bader, David A; Sills, Lisa C; Lee, Wenke; Clifford, Gari D; Ayer, Turgay

**Cc:** Roche, Susan M; Muncy, Jarrett; Sanders, Christian; Leonard, David; Zivalich, Anthony J; Alvarez-Robinson, Sonia M

**Subject:** Corporate Tenants in Coda

Dear Coda Neighborhood Leads-

I am writing with an update on the leasing of corporate space within the Coda building. We are still in a stage where we can influence companies to consider co-locating with us, though I feel the window is now starting to close. As such, we have the next ~6 months to focus intensely on this aspect of the building.

As of the last I heard, the following are definitely leasing space:

ThyssenKrupp

Keysight

WeWork

This last company will be great for GT because they will lease co-working space on a short term basis to our partners who want to temporarily co-locate with us for short projects.

Discussions are ongoing with:

Cisco

Pandora

**I have two requests of you:**

(i) Share this update with faculty in your neighborhood

(ii) Consider what research partners you currently or recently have worked with whom you would like in the building, and share any contacts or suggestions for engaging them with Dave Leonard, cc'ing Susan Roche.

Thanks for your help on this.

Chris



From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, September 7, 2017 4:20:27 PM  
To: Kintis, Panagiotis <kintis@gatech.edu>; Lever, Charles C <clever3@gatech.edu>  
Subject: Fw: Demo Day

FYI-

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Wenke Lee [REDACTED] >  
Sent: Thursday, September 7, 2017 11:19 AM  
To: Abowd, Gregory D; Antonakakis, Manos; Anton, Ana I; Ammar, Mostafa H; Beyah, Raheem A; Bader, David A; Boldyreva, Alexandra O; Chau, Duen Horng; Chava, Sudheer; Dovrolis, Konstantinos; Goodman, Seymour E; Harris, William R; Kim, Taesoo; Klein, Hans K; Liu, Ling; Meliopoulos, A P; Mooney, Vincent J; Mueller, Milton L; Niculescu, Marius F; Orso, Alessandro; Pande, Santosh; Prvulovic, Milos; Saltaformaggio, Brendan D; Swire, Peter P; Zajic, Alenka; Clark, Russell J; Lummis, Anant J  
Cc: La Bouff, Tara  
Subject: Demo Day

Folks,

I'm excited to announce that this year the IISP will offer students up to \$125,000 toward commercialization, or continuation, of their research as part of the expanded IISP Cybersecurity Demo Day program. Thanks to new partnerships with VentureLab and Create-X, this year's prize package includes grant eligibility for \$50,000 from the NSF, as well as a fast-track into Create-X for \$20,000 toward prototype costs, \$50,000 in free legal services and 27-weeks of business mentoring, in addition to the startup cash IISP has always offered. This is a phenomenal opportunity to help your students identify commercial potential or secure resources to help continue their research.

To qualify, students must register their project by Sept. 20.

Attached are slides that I encourage you to share in class before your students. Yesterday, we invited graduate students from CS, CSE, IC, ECE, PUBP, INTA, and Scheller to participate. This contest is open to all majors and all classes, however undergraduates must have at least one grad student on the team in order to qualify for NSF funds. Complete details can be found at <http://iisp.gatech.edu/cyber-demo-day>.

I hope you'll take the time in the coming days to share this with your students and encourage them to apply. It is an exceptional opportunity. Thank you!

Wenke

**From:** McLaughlin, Steven W<sm140@gatech.edu>  
**Sent on:** Sunday, July 25, 2021 1:51:00 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** FW: FGJ Subpoena for Manos Antonakakis

Hi Manos

Can we catch up at 10am tomorrow morning? Did not get an update from them so just want to catch up.

Thx

Steve

\*\*\*\*\*

Steve McLaughlin

Provost and Executive Vice President for Academic Affairs

Georgia Institute of Technology

\*\*\*\*\*

---

**From:** "Nie, Ling-Ling" <linglingnie@gatech.edu>

**Date:** Saturday, July 24, 2021 at 11:32 AM

**To:** "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thank you for your thoughtful email. I know these last few weeks have been a whirlwind. I will ask my assistant to reach out on Monday to schedule time for all of us to talk further.

Ling-Ling

---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Saturday, July 24, 2021 10:50 AM

**To:** McLaughlin, Steven W; Abdallah, Chaouki T; Nie, Ling-Ling

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hey Steve, Chaouki and Ling-Ling,

Hope you are doing great.

I have not been bothering you about this because I have been told by Christian (who is an absolute Rock star!) that Ling-Ling (or someone in her team) has been communicating to you what is going on with this situation.

This email is not about me explaining to you that I have done nothing wrong. I suspect that now that Christian has all the information he needs he can independently arrive at that conclusion and communicate what needs to be communicated to you.

This email is about the key question, "And now what?"

From where I stand, and for the first time in my life I felt that I am being investigated by law enforcement because of my ideas and the work I have done for the USG/DoD. For the first time since the moment I landed in Dulles international airport on October 1st of 2004, I had a serious discussion with my wife about moving back to Greece. Most importantly, however, I brought unnecessary attention from the DoJ in my working environment. This besides potentially hurting my reputation within GT (even if it is from an optics point of view) it also personally disappoints me greatly, because as a GT PhD student (2006-2012) and now as a faculty (2014-now) I always had as a goal to bring good news, recognition and success to GT --- and certainly not the attention of a special council.

If I make an attempt to come in your shoes, it would be absolutely reasonable for all of you to have questions about the risk that my research (and perhaps even myself) could bring to the Institute in the future. Therefore, when the dust settles I would like to have a discussion with all of you about the following two key open questions:

1. First and foremost, how do you feel about my actions now that GT legal has a plethora of my emails and after I spent countless hours explaining to everyone why I did what I did at the time I did it? If you think I did something unethical (not necessarily illegal) I will work with GT to smoothly (see running projects, students, SOW deliverables, etc.) or otherwise transition out. You have my word on this.
2. Big data analysis and machine learning for attack attribution is the future. After all these events with this politically driven inquisition, I need to see if there is a place where I can keep working on this research space that I invented over the last 5 years through my work in EA. What I would like to know is how GT upper management and legal feels about my line of research after all these events? Is GT a place that would welcome more innovation in this space, or this is simply not your (read is as GT's) cup of tea anymore?

Finally, I will leave you with an anecdote and a thought. During one of my interviews with the Special Counsel prosecutor, I was asked point blank by Mr. DeFilippis, "Do you believe that DARPA should be instructing you to investigate the origins of a hacker (Guccifer\_2.0) that hacked a political entity (DNC)?" Let that sync for a moment, folks. Someone hacked a political party (DNC, in this case), in the middle of an election year (2016), and the lead investigator of DoJ's special council would question whether US researchers working for DARPA should conduct investigations in this matter is "acceptable"! While I was tempted to say back to him "What if this hacker hacked GOP? Would you want me to investigate him then?", I kept my cool and I told him that this is a question for DARPA's director, and not for me to answer.

Steve, Chaouki and Ling-Ling; please, try to imagine a "United States of America" where investigations and prosecutions are determined by ideas and political beliefs. This has been tried before in human history and the results of it was forced labor and Gulags.

Folks, I strongly believe we will need this type of research and much more innovation in this space to preserve our democracy. This is factually true for a single yet fundamental reason: data driven scientific attribution is unbiased politically. Data belongs to no political party. Our nation's adversaries will keep attacking our country --- I am certain of this because their attacks simply work and are tremendously impactful to our society.

Thank you and have a great weekend.

PS. I am writing this email on a weekend because this is my first downtime since July 2<sup>nd</sup> when I received the subpoena. Thanks, Manos

---

**From:** "Nie, Ling-Ling" <linglingnie@gatech.edu>

**Date:** Friday, July 2, 2021 at 7:50 PM

**To:** "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "Wasch, Kate" <kate.wasch@legal.gatech.edu>, "Lunon, Darryl" <dl91@gatech.edu>

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thanks for forwarding. I'm copying Kate's correct email address and adding Darryl. We will confer internally and come back to you early next week as there are some people who are out of the office for the holiday weekend that we will need to loop in.

---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Friday, July 2, 2021 2:39 PM

**To:** McLaughlin, Steven W; Abdallah, Chaouki T; kate.wesch@legal.gatech.edu; Nie, Ling-Ling

**Subject:** Fw: FGJ Subpoena for Manos Antonakakis

Hey Steve/Chaouki/Kate/Ling-Ling,

Hope you are doing great! Evidently I need to appear in front of a Grand Jury on July 15th. Any idea if I should talk with GT counsel before or if anyone from GT should be with me in this testimony?

This is a first for me so I am not sure what to do next.

Thanks, Manos

---

**From:** Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>

**Sent:** Friday, July 2, 2021 4:28 PM

**To:** Antonakakis, Manos

**Cc:** kate.wesch@legal.gatech.edu; Fuhrman, Tim (JMD)

**Subject:** FGJ Subpoena for Manos Antonakakis

Dear Mr. Antonakakis - This is Jack Eckenrode, an Investigator with the US Justice Department. Together with my colleague Tim Fuhrman, copied here, with whom you may have had previous contact, we are attaching a federal grand jury subpoena seeking your testimony in Washington, DC on July 15, 2021 at 1:00pm. You should feel free to contact either one of us in the event that you have any questions related to the subpoena or your appearance.

Also copied for her awareness is Kate Wasch, legal counsel from Georgia Tech.

**From:** Thrash, Sherryll D<sherryll.thrash@carnegie.gatech.edu>  
**Sent on:** Monday, July 26, 2021 1:19:16 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** FW: FGJ Subpoena for Manos Antonakakis

Dear Manos Antonakakis:

This message is to acknowledge receipt of your email. I will be in touch soon to schedule a meeting.

Kind regards,  
Sherryll

---

**SHERRYLL D. THRASH** Administrative Manager &  
Assistant to the VP & General Counsel  
**Georgia Institute of Technology**  
Office of the General Counsel  
221 Uncle Heinie Way | Lyman Hall, Suite 305  
Atlanta, GA 30332-0257  
☎ O: (404) 385.5673 | M: (470) 330.5127  
✉: [sherryll.thrash@carnegie.gatech.edu](mailto:sherryll.thrash@carnegie.gatech.edu)

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Date:** Saturday, July 24, 2021 at 10:50 AM  
**To:** McLaughlin, Steven W <[swm@gatech.edu](mailto:swm@gatech.edu)>, Abdallah, Chaouki T <[ctabdallah@gatech.edu](mailto:ctabdallah@gatech.edu)>, Nie, Ling-Ling <[linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)>  
**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hey Steve, Chaouki and Ling-Ling,  
Hope you are doing great.

I have not been bothering you about this because I have been told by Christian (who is an absolute Rock star!) that Ling-Ling (or someone in her team) has been communicating to you what is going on with this situation. This email is not about me explaining to you that I have done nothing wrong. I suspect that now that Christian has all the information he needs he can independently arrive at that conclusion and communicate what needs to be communicated to you.

This email is about the key question, "And now what?"

From where I stand, and for the first time in my life I felt that I am being investigated by law enforcement because of my ideas and the work I have done for the USG/DoD. For the first time since the moment I landed in Dulles international airport on October 1st of 2004, I had a serious discussion with my wife about moving back to Greece. Most importantly, however, I brought unnecessary attention from the DoJ in my working environment. This besides potentially hurting my reputation within GT (even if it is from an optics point of view) it also personally disappoints me greatly, because as a GT PhD student (2006-2012) and now as a faculty (2014-now) I always had as a goal to bring good news, recognition and success to GT --- and certainly not the attention of a special council.

If I make an attempt to come in your shoes, it would be absolutely reasonable for all of you to have questions about the risk that my research (and perhaps even myself) could bring to the Institute in the future. Therefore, when the dust settles I would like to have a discussion with all of you about the following two key open questions:

1. First and foremost, how do you feel about my actions now that GT legal has a plethora of my emails and after I spent countless hours explaining to everyone why I did what I did at the time I did it? If you think I did something unethical (not necessarily illegal) I will work with GT to smoothly (see running projects, students, SOW deliverables, etc.) or otherwise transition out. You have my word on this.
2. Big data analysis and machine learning for attack attribution is the future. After all these events with this politically driven inquisition, I need to see if there is a place where I can keep working on this research space that I invented over the last 5 years through my work in EA. What I would like to know is how GT upper management and legal feels about my line of research after all these events? Is GT a place that would welcome more innovation in this space, or this is simply not your (read is as GT's) cup of tea anymore?

Finally, I will leave you with an anecdote and a thought. During one of my interviews with the Special Counsel prosecutor, I was asked point blank by Mr. DeFilippis, "Do you believe that DARPA should be instructing you to investigate the origins of a hacker (Guccifer\_2.0) that hacked a political entity (DNC)?" Let that sync for a moment, folks. Someone hacked a political party (DNC, in this case), in the middle of an election year (2016), and the lead investigator of DoJ's special council would question whether US researchers working for DARPA should conduct investigations in this

**From:** Lee, Wenke<wenke@cc.gatech.edu>

**Sent on:** Monday, February 5, 2018 9:21:30 PM

**To:** Ahamad, Mustaque<mustaq@cc.gatech.edu>; Kim, Taesoo<taesoo@gatech.edu>; Boldyreva, Alexandra<sasha@gatech.edu>; Vlad Kolesnikov [REDACTED]; Antonakakis, Manos<manos@gatech.edu>; Saltaformaggio, Brendan D<brendan@ece.gatech.edu>; Mueller, Milton L<milton@gatech.edu>; Klein, Hans K<hans@gatech.edu>; Swire, Peter P<Peter.Swire@scheller.gatech.edu>; Anton, Ana I<aa16@gatech.edu>; Meliopoulos, A P<sakis.m@gatech.edu>; Chava, Sudheer<sudheer.chava@scheller.gatech.edu>; Alenka Zajic [REDACTED]; Prvulovic, Milos<milos@cc.gatech.edu>; Blough, Douglas M<doug.blough@ece.gatech.edu>; Beyah, Raheem A<rbeyah@ece.gatech.edu>; Mooney, Vincent J<mooney@ece.gatech.edu>; Bankoff, Joseph R<joseph.bankoff@inta.gatech.edu>; Goodman, Seymour E<seymour.goodman@inta.gatech.edu>; Husbands Fealing, Kaye G<khf@gatech.edu>; Mark, Leo<leo.mark@pe.gatech.edu>; Baker, Nelson C<nelson.baker@pe.gatech.edu>; Orso, Alessandro<orso@cc.gatech.edu>; Pande, Santosh<santosh.pande@cc.gatech.edu>; Das, Sauvik<sauvik@gatech.edu>; Liu, Ling<ling.liu@cc.gatech.edu>; Pu, Calton<calton.pu@cc.gatech.edu>; Gavrilovska Habl, Ada<ada@cc.gatech.edu>; Sarkar, Vivek<vsarkar@gatech.edu>; Zegura, Ellen<ewz@cc.gatech.edu>; Mostafa Ammar [REDACTED]; Xu, Jun<jun.xu@cc.gatech.edu>; Dovrolis, Konstantinos<constantine@gatech.edu>; La Bouff, Tara<tara.labouff@iisp.gatech.edu>; Farrell, Michael D<Michael.Farrell@gtri.gatech.edu>; Doan, Trinh T<trinh.doan@iisp.gatech.edu>; Countryman, Terrell<terry.countryman@iisp.gatech.edu>; McPherson, Rojauna K<rojauna.mcpherson@iisp.gatech.edu>; Doxie, Crystal E<cdoxie@gatech.edu>; Griessman, Gloria G<Gloria.Griessman@gatech.edu>; Panetta, Lindsey B<lindsey.panetta@gtri.gatech.edu>; Hynes, Timothy M<Timothy.Hynes@gtri.gatech.edu>

**CC:** Jones, Christopher W<christopher.jones@chbe.gatech.edu>; Sanders, Christian<chris.sanders@facilities.gatech.edu>; Muncy, Jarrett<jarrett.muncy@cpsm.gatech.edu>

**Subject:** Fw: IISP meeting

**From:** Jones, Christopher W

**Sent:** Sunday, February 4, 2018 1:14 PM

**To:** Lee, Wenke

**Cc:** Roche, Susan M; Sanders, Christian; Muncy, Jarrett

**Subject:** IISP meeting

Dear IISP Members and Security Faculty and Staff-

I am writing to follow up on our meeting on Thursday to discuss the programming plan for the IISP space in Coda. I appreciate that many of you were able to attend and ask questions and voice your concerns in person. For any who could not attend, and to give everyone a detailed overview of how we have reached this point, I am sending this summary email.

The Coda programming process began several years ago, when a committee of faculty, ~20 people led by Dana Randall, Steve McLaughlin, Charles Isbell and myself, canvassed campus for faculty teams who were interested in moving into Coda. The following groups self-assembled and expressed an interest:

Astrophysics

Business Analytics, MS Analytics, MS QCF

Internet of Things

Cognitive Systems

Energy Informatics

Signal and Information Processing

Health Analytics

Materials Analytics

IPaT

IDEAS

IISP  
CSE  
Smart Cities  
Molecular Software Science

Each group was asked for a roster, number of researchers/PhD students/staff, and specific programming needs. From this information, an approximate footprint for each neighborhood was determined. In parallel, OIT and GTRI made requests. Much more space was requested than existed in the building. Therefore, the four leads of the faculty committee presented the requests and made recommendations to the EVPs (Swant, Cross, Bras) and Deans. OIT and GTRI requested about half the total space. The faculty leads recommended cutting OIT and GTRI by 20% to include more space for research, knowing that GTRI could rent additional space on the commercial side and still have their full footprint.

The EVPs determined that OIT and GTRI must be restored to their full requested size, and that they preferred a program that included numerous neighborhoods with a significant footprint, and the avoidance of many small neighborhoods or just a few mega neighborhoods. It was also decided to focus heavily on computing and analytics. Based on this feedback, the following neighborhoods were slated to go into the building:

~~Astrophysics~~

Business Analytics, MS Analytics, MS QCF

~~Internet of Things~~

~~Cognitive Systems~~

Energy Informatics (1/3 of requested space)

~~Signal and Information Processing~~

Health Analytics

~~Materials Analytics~~

IPaT (20% of requested space)

IDEAS

IISP

CSE

~~Smart Cities~~

~~Molecular Software Science~~

We also held back about 10-12K sqft of space for future programming. At this point, I will note that IISP's space allocation was about 7500 sqft, because at that time IISP was a young IRI, still taking shape, and the only folks who seemed committed to move to IISP in Coda were Lee, Kim, Ahamad. Wenke and I then had a series of interactions whereby he shared a more detailed plan for the growth of IISP, bringing in more researchers from ECE, and requested additional space. To this end, we increased IISP's space allocation from about 15,000 sqft, effectively doubling it. The space originally held back was effectively programmed into GT conference rooms for all, as well as IISP expansion.

Note, GT capital Planning and Space Management (CPSM) was directed to be very cautious about "space inflation", whereby groups sought more space than was needed in Coda. This is because at about \$40 sqft, the space is about twice as expensive as typical space on campus. This is where Wenke was put into a difficult situation. On the one hand, he sought continuously to acquire space for IISP growth. On the other hand, Coda organizers and CPSM would not allow space to be "reserved" unless people showed some level of commitment to move. It seems that many security researchers were hesitant to commit (many of you will remember a period when Wenke asked you to commit and I simultaneously emailed a few people to ask them about their intentions). We reached a programming deadline where we had to move forward with the planning and at that stage, we allocated space based on those who committed. In the language of the meeting yesterday, this is where we discussed that the whole IISP program (the request for space for committed people) fit in about 12-13K sqft. To this end, about 1500 sqft that remained (17 workstations), that Wenke sought to keep for IISP, has also been requested by OIT, whose program needs for the names committed to moving did not fit in their allocated space. If assigned to OIT, this would bring them up to about 55k sqft for OIT (60k allocated originally). I note this space has NOT been officially assigned to OIT, and remains in play for the EVPs to decide the allocation. Chris Sanders and I misspoke about this at the meeting, for which I apologize.

Root cause of our challenge – Wenke could not get firm commitments for moves into Coda from faculty, and

Coda programming policy was to program ONLY for firm commitments.

Some observations with my AVPR hat on, aside from Coda..... IISP is a young IRI that we hope will grow and prosper. Right now, it is not a usual IRI, because it is still growing and taking shape. There are many positive signs in recent years, with the addition of several key CoE personnel with rapidly growing programs to the IRI, complimenting an initial core of CoC and GTRI folks. This is important, because any IRI should include all interested researchers on campus, and getting very active CoE researchers into the IRI is important for the long term viability of IISP. I strongly advocate that we use this current opportunity (planning for space in Coda and Klaus) to maximize the integration and footprint of IISP, by integrating CoC, CoE and GTRI researchers to the highest extent possible. This means co-locating and CS and ECE folks in both Klaus and Coda, and working to integrate the various subgroups together. The GTRI part of IISP's presence in Coda makes it that much more important to have a strong academic footprint in Coda. From my side, I will strongly advocate for space for IISP if it seems like the faculty are coming together to try and integrate, making IISP greater than the sum of its parts. There are so many strong researchers in the group, there is massive potential. But at the same time, IISP will not be healthy if various fiefdoms persist, with each person focusing almost exclusively on maximizing his or her personal program.

Finally, I'll note that Wenke has been put in a very challenging situation, and I want you all to know he has been a tireless advocate for all of you. He has been the one constant throughout this process, along with IISP staff, working to build IISP. With the change-over from Bo to Michael, we have another leader who can now play a key role in bringing people together and I am sure he will do his best to move everything in the right direction.

We are at a critical point and time for IISP and Security on campus. I see two visions for what the future could look like.

status quo – numerous security fiefdoms, split along organizational lines – ECE, CS, GTRI, with little integration.

In this vision, each fiefdom competes with the others in some ways for visibility, sponsorship and appreciation. A One-GT model that is strong in other IRIs is not developed, and campus fails to maximize its full potential in bringing in students, faculty, sponsorship at the level it could or should.

more integrated future – IISP emerges as a voice for all faculty working on security at GT, with researchers in ECE, CS, GTRI and other schools all trusting that the IRI seeks to support them fully. As a result, all researchers seek ways not only to grow their slice of the pie, but the whole pie, where everyone benefits. GT emerges as the go-to place for interdisciplinary security and privacy research, both fundamental and applied aspects, and attracts the best faculty and students and has increased funding. This model could be achieved, in my view, with either everyone working together in Klaus, or with IISP effectively split in two places, Klaus (the core near classrooms and central campus) and Coda (the center of GT external interactions and ground zero for the outward facing part of computing).

Please let me know if you have additional questions or concerns. I would be happy to meet with individuals or the group, as needed. Thanks for your time yesterday, and I hope you all will work towards the second path forward, above. I know this is a stressful time for everyone, but please know that we will do our best to accommodate the IISP needs given the constraints in place.

Best regards,

Chris

PS – So as to not leave anyone out, I am sending this to Wenke and asking him to forward to all relevant parties.

---

**Christopher W. Jones, Ph.D.**

Associate Vice President for Research

Love Family Professor of Chemical & Biomolecular Engineering

Adjunct Professor of Chemistry and Biochemistry

**Georgia Institute of Technology**

311 Ferst Dr.

Atlanta, GA, 30332-0100, USA

Ph: (1)-404-385-1683

[cjones@chbe.gatech.edu](mailto:cjones@chbe.gatech.edu)

<http://jones.chbe.gatech.edu/>

Editor-in-Chief, *ACS Catalysis*

<http://pubs.acs.org/journal/accacs>

Deputy Director, *Center for Understanding and Control of Acid*

*Gas-Induced Evolution of Materials for Energy (UNCAGE-ME)* an





**From:** Justin Romberg<jrom@ece.gatech.edu>  
**Sent on:** Friday, January 12, 2018 12:59:17 PM  
**To:** ece\_faculty<ece\_faculty@ece.gatech.edu>  
**Subject:** Fwd: [ece\_faculty] ECE Faculty Candidate Seminar, Fri Jan 12, 11a, TSRB Auditorium  
**Attachments:** Yue Wang Seminar.docx (289.28 KB)

Reminder about Yue Wang's seminar this morning ...

-Justin

Begin forwarded message:

**From:** Justin Romberg <[jrom@ece.gatech.edu](mailto:jrom@ece.gatech.edu)>  
**Subject:** [ece\_faculty] ECE Faculty Candidate Seminar, Fri Jan 12, 11a, TSRB Auditorium  
**Date:** January 9, 2018 at 10:51:24 AM EST  
**To:** ece\_faculty <[ece\\_faculty@ece.gatech.edu](mailto:ece_faculty@ece.gatech.edu)>

Dear ECE Faculty:

Yue Wang from Clemson will be visiting as an ECE faculty candidate on Friday January 12.

Yue's research interests are centered on human-robot interaction, including cooperative control and decision-making for human-robot collaboration systems, symbolic robot motion planning with a human-in-the-loop, cyber-physical systems, and multi-agent systems. Please attend her seminar if you can.

Fumin Zhang ([fzhang37@gatech.edu](mailto:fzhang37@gatech.edu)) will be hosting Yue. If you are not on Yue's schedule already and would like to connect with her while she is here, please contact Fumin.

-Justin

Time: Friday January 12, 11a

Location: TSRB Auditorium

Speaker:

Yue Wang

<http://yue6.people.clemson.edu/>

Title:

Trust-based Control, Decision-Making, and Motion Planning for Human-Robot Collaboration Systems

Abstract:

Robots and autonomous systems are becoming an essential component that empowers economic and human possibility. The talk will begin with an overview of current research projects at the Interdisciplinary & Intelligent Research (I2R) lab in the Mechanical Engineering Department at Clemson University. In particular, human-robot collaboration integrates the best part of human intelligence with the advantages of robotic systems. This talk will then

introduce background and motivation of human-robot interaction and especially human trust in robots. Next, the research contributions of I2R in this field will be presented which include computational trust modeling, mutual trust based bilateral haptic teleoperation of unmanned aerial vehicles and unmanned ground vehicles, as well as trust-based human-robot collaborative assembly in manufacturing. The I2R laboratory facilities and robot experiments will be demonstrated. The talk will conclude with a discussion about future research and collaboration.

#### Biography:

Dr. Yue "Sophie" Wang is the Warren H. Owen-Duke Energy Assistant Professor of Engineering and the Director of the I2R laboratory at Clemson University. She received a Ph.D. degree in Mechanical Engineering from Worcester Polytechnic Institute in 2011 and held a postdoctoral position in Electrical Engineering at University of Notre Dame from 2011 to 2012. Her research interests include human-robot interaction systems, multi-robot systems, and cyber-physical systems. Dr. Wang has received an AFOSR YIP award in 2016, an NSF CAREER award in 2015, the Air Force Summer Faculty Fellowship in 2015 and 2016, and the Clemson University Mechanical Engineering Eastman Chemical Award for Excellence in 2015. Her research has been supported by NSF, AFOSR, AFRL, ARO, ARC, NASA EPSCoR, and Clemson University. Her work has resulted in 49 journal publications, peer-reviewed conference papers and books. Dr. Wang is a senior member of IEEE, and member of ASME and AIAA. She serves as the Chair of the IEEE Control System Society (CSS) Technical Committee on Manufacturing Automation and Robotic Control and the CSS representative on the Symbiotic Autonomous Systems initiative. Her work has been featured in ASEE First Bell, State News, SC EPSCoR/IDeA Research Focus, and Clemson University.

**From:** Keromytis, Angelos D<angelos@gatech.edu>  
**Sent on:** Friday, August 7, 2020 9:55:48 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Fwd: Draft Report - School of Cybersecurity and Privacy (SCP) Advisory Task Force  
**Attachments:** SCP Task Force Status\_Report\_Draft.pptx (1.1 MB)

FYI

Begin forwarded message:

**From:** "Howard, Ayanna M" <[ah260@gatech.edu](mailto:ah260@gatech.edu)>  
**Subject:** Draft Report - School of Cybersecurity and Privacy (SCP) Advisory Task Force  
**Date:** August 7, 2020 at 4:42:04 PM EDT  
**To:** "Howard, Ayanna M" <[ah260@gatech.edu](mailto:ah260@gatech.edu)>  
**Cc:** "Lee, Wenke" <[wenke@cc.gatech.edu](mailto:wenke@cc.gatech.edu)>, "Beyah, Raheem A" <[rbeyah@ece.gatech.edu](mailto:rbeyah@ece.gatech.edu)>, "Anton, Ana I" <[aianton@gatech.edu](mailto:aianton@gatech.edu)>, "Botchwey, Nisha D" <[nisha.botchwey@gatech.edu](mailto:nisha.botchwey@gatech.edu)>, "Graham, Samuel" <[sgraham@gatech.edu](mailto:sgraham@gatech.edu)>, "Keromytis, Angelos D" <[angelos@gatech.edu](mailto:angelos@gatech.edu)>, "Lerner, Lee W" <[Lee.Lerner@gtri.gatech.edu](mailto:Lee.Lerner@gtri.gatech.edu)>, "Desai, Deven R" <[deven.desai@scheller.gatech.edu](mailto:deven.desai@scheller.gatech.edu)>, "Jordan, Jennifer E" <[jenna.jordan@inta.gatech.edu](mailto:jenna.jordan@inta.gatech.edu)>, "Mueller, Milton L" <[milton@gatech.edu](mailto:milton@gatech.edu)>, "Jordan, Toya" <[toya.jordan@cc.gatech.edu](mailto:toya.jordan@cc.gatech.edu)>, "Kuske, Rachel A" <[rachel@math.gatech.edu](mailto:rachel@math.gatech.edu)>

Dear SCP Task Force -

Please find attached the draft report. This is a compilation of townhall inputs, our group conversations, email inputs, one-on-one conversations held throughout these last few months, and a few other stakeholder inputs/meetings. This has been shared and vetted privately (in terms of messaging, focus, and the level of details required for the report) so, at this point, we need to finalize the draft with our closing inputs.

Think of this report as a guideline to help direct the Deans and the School as it moves forward, especially in terms of structure. This will most likely be shared to engage various stakeholders, administrators, sponsors, and faculty from the various units on campus that might consider transferring into the new School.

- 1) Use the comments function to add any comments
- 2) Think through - Is there anything missing? Are there huge opportunities that were left off? Is anything confusing?

3) Are there resources or additional activities that should be included that weren't?

Please provide your inputs by Tuesday morning.

With warm regards.

Ayanna

School of IC: Redefining the human experience of computing

Follow me on Twitter: @robotsmarts

\*\*\*\*\*  
Ayanna Howard, Ph.D.  
Chair, School of Interactive Computing (IC)  
Linda J. and Mark C. Smith Professor  
College of Computing  
Georgia Institute of Technology  
School Website: <https://www.ic.gatech.edu/>  
Research Website: <http://howard.ece.gatech.edu>  
Connect on LinkedIn: <https://www.linkedin.com/in/ayanna-howard/>  
Phone: (404) 385-4824

Assistant to the Chair: Toya Jordan, [toya.jordan@cc.gatech.edu](mailto:toya.jordan@cc.gatech.edu)  
\*\*\*\*\*

**From:** Wenke Lee <[REDACTED]>

**Sent on:** Tuesday, January 23, 2018 3:37:46 PM

**To:** Mustaque Ahamad<mustaq@cc.gatech.edu>; Taesoo Kim<taesoo@gatech.edu>; Alexandra Boldyreva<sasha@gatech.edu>; Vlad Kolesnikov<[REDACTED]>; Manos Antonakakis<manos@gatech.edu>; Brendan Saltaformaggio<brendan@ece.gatech.edu>; Mueller, Milton L<milton@gatech.edu>; Hans Klein<hans@gatech.edu>; Peter Swire<Peter.Swire@scheller.gatech.edu>; Annie I. Anton Ph.D. <aa16@gatech.edu> (aa16@gatech.edu)<aa16@gatech.edu>; Meliopoulos, A P<sakis.m@gatech.edu>; Chava, Sudheer<sudheer.chava@scheller.gatech.edu>; Alenka Zajic<[REDACTED]>; milos<milos@cc.gatech.edu>; Doug Blough<doug.blough@ece.gatech.edu>; Raheem A. Beyah<rbeyah@ece.gatech.edu>; Vincent Mooney<mooney@ece.gatech.edu>; Bankoff, Joseph R<joseph.bankoff@inta.gatech.edu>; Goodman, Seymour E<seymour.goodman@cc.gatech.edu>; Husbands Fealing, Kaye G<khf@gatech.edu>; Leo Mark<leomark@cc.gatech.edu>; Baker, Nelson<Nelson.Baker@pe.gatech.edu>; Alex Orso<orso@cc.gatech.edu>; Pande, Santosh<santosh.pande@cc.gatech.edu>; sauvik@gatech.edu; Ling Liu<ling.liu@cc.gatech.edu>; calton pu<calton.pu@cc.gatech.edu>; Ada Gavrilovska<ada@cc.gatech.edu>

**CC:** La Bouff, Tara<tara.labouff@iisp.gatech.edu>; Farrell, Michael<Michael.Farrell@gtri.gatech.edu>

**Subject:** Fwd: Faculty Meeting Tomorrow @ 1 p.m.

Folks,

I hope to see you at the meeting at 1 PM today in Klaus 1116W. I heard rumors that there will be good food :-)

Wenke

----- Forwarded message -----

**From:** **Institute for Information Security & Privacy** <[info@iisp.gatech.edu](mailto:info@iisp.gatech.edu)>

**Date:** Mon, Jan 22, 2018 at 7:16 AM

**Subject:** Faculty Meeting Tomorrow @ 1 p.m.

**To:** Wenke Lee <[REDACTED]>

Join cybersecurity faculty from campus & GTRI on Jan. 23 at 1 p.m.



*This message contains trackable links via Benchmark Email (using the domain [cyber.bmetrack.com](https://cyber.bmetrack.com) to direct to [gatech.edu](https://gatech.edu) webpages) to help the Institute for Information Security & Privacy measure its efforts.*

# Meeting Reminder: Tomorrow @1 |

The location has changed.

**Tuesday, Jan. 23**

**1 p.m.**

**Klaus Advanced Computing Building #1116W**

[266 Ferst Drive, Atlanta, GA 30332](#)

**RSVP** Join cybersecurity colleagues at the IISP Spring '18 Faculty Meeting. Attend for updates about new cybersecurity activity across campus and GTRI, student opportunities, cross-talk with colleagues, and more.

## **AGENDA**

1. Online Cybersecurity degree
2. A.D. Updates (by thrust)
3. Research Updates (faculty)
4. Student Enrichment: *IISP Cybersecurity Demo Day Finale, RSA Security Scholars, Women in Cybersecurity Conference, and other activities.*
5. Other Business - submit an item

***Important Dates in***



## Mark your calendar for these events

**January 12** through **Apr. 20** -- Cybersecurity Lecture Series, every Friday at Noon

*Locations vary: [cyber.gatech.edu/cyber-lecture](https://cyber.gatech.edu/cyber-lecture)*

**April 12 @ 4 p.m.**-- IISP Cybersecurity Demo Day Finale

*In the Klaus Atrium*

**October 4 @ 8:30 a.m.** -- 16th Annual Georgia Tech Cybersecurity Summit, honoring Sen. Sam Nunn in

collaboration with the Sam Nunn Policy Forum.  
*Location to be announced*

More details to come. Watch [cyber.gatech.edu](https://cyber.gatech.edu)

## Tell Us

What are you working on?

Have a blog post or news?

*You have something to talk about! Commentary and opinion pieces are accepted throughout the month.*

**Contact Tara La Bouff.**

Know someone who should present at the Cybersecurity Lecture Series?

**Contact Maria Konte.**

**Share a research update for the website, future event, or media outreach.**

[View this email in your browser](#)

You are receiving this email because of your role in cybersecurity research and education at Georgia Tech or GTRI. Please [reconfirm](#) your interest in receiving emails from us. If you do not wish to receive any more emails, you can [unsubscribe here](#).

This message was sent to  
[wenke.lee@gmail.com](mailto:wenke.lee@gmail.com) by  
[info@iisp.gatech.edu](mailto:info@iisp.gatech.edu)

Klaus Advanced Computing Building 266 Ferst Drive , Atlanta, GA, 30332



[Unsubscribe](#) |  
[Manage Subscription](#) |  
[Forward Email](#) |  
[Report Abuse](#)





**From:** Keromytis, Angelos D<angelos@gatech.edu>  
**Sent on:** Thursday, August 6, 2020 11:39:59 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Fwd: Meeting with the Deans

Begin forwarded message:

**From:** "Lee, Wenke" <wenke@cc.gatech.edu>  
**Date:** August 6, 2020 at 18:33:40 EDT  
**To:** "Ahamad, Mustaque" <mustaq@cc.gatech.edu>, "Boldyreva, Alexandra" <sasha@gatech.edu>, "Kim, Taesoo" <taesoo@gatech.edu>, "Kolesnikov, Vladimir" <kolesnikov@gatech.edu>, "Pearce, Paul" <pearce@gatech.edu>, "Beyah, Raheem A" <rbeyah@ece.gatech.edu>, "Keromytis, Angelos D" <angelos@gatech.edu>, "Antonakakis, Manos" <manos@gatech.edu>, "Saltaformaggio, Brendan D" <brendan@ece.gatech.edu>, "Li, Frank" <frankli@gatech.edu>, "Anton, Ana I" <aianton@gatech.edu>, "Das, Sauvik" <sauvik@gatech.edu>, "Chau, Duen Horng" <polo@gatech.edu>, "Song, Le" <lsong@cc.gatech.edu>, "Mueller, Milton L" <milton@gatech.edu>, "Klein, Hans K" <hans@gatech.edu>, "Swire, Peter P" <pswire3@gatech.edu>, "Chava, Sudheer" <sudheer.chava@scheller.gatech.edu>, "Meliopoulos, A P" <sakis.m@gatech.edu>, "Mertoguno, Sukarno" <Sukarno.Mertoguno@gtri.gatech.edu>, "Harter, Alexa W" <Alexa.Harter@gtri.gatech.edu>, "Loper, Margaret L" <margaret.loper@gtri.gatech.edu>, "Lerner, Lee W" <Lee.Lerner@gtri.gatech.edu>, "Masters, Wen C" <Wen.Masters@gtri.gatech.edu>, "Cummings, Rachel A" <rachelc@gatech.edu>, "Orso, Alessandro" <orso@cc.gatech.edu>, "Zajic, Alenka" <alenka.zajic@ece.gatech.edu>, "Gupta, Swati" <swatig@gatech.edu>, "Qureshi, Moinuddin K" <moin@gatech.edu>, "Arulraj, Joy" <arulraj@gatech.edu>, "Goodman, Seymour E" <seymour.goodman@inta.gatech.edu>, "Bankoff, Joseph R" <joseph.bankoff@inta.gatech.edu>, "Winnefeld, James A" <jwinnefeld6@gatech.edu>, "Zhang, Qirun" <qrzhang@gatech.edu>  
**Subject: Meeting with the Deans**

Folks,

As you may have heard, GT is going to make an announcement of the new School of Cybersecurity and Privacy (SCP) very soon. Kaye, Charles, and Steve will meet with us next Friday at 11 AM to hear our input and share their vision.

Please come to this meeting if your schedule permits, and let me know if there is anyone else we should invite as well.

The meeting will be on bluejeans:  
Friday (8/14) 11-12  
<https://bluejeans.com/505344446>

Cheers,

Wenke

From: Wenke Lee <[REDACTED]>  
Sent on: Friday, February 16, 2018 9:48:10 PM  
To: Carter Yagemann <[REDACTED]>  
CC: Manos Antonakakis <manos@gatech.edu>  
Subject: Fwd: Please sign up to meet with Paul Pearce

Can you take care of getting the students to meeting with Paul? Please make sure to include Manos' students. Thanks.

Wenke

----- Forwarded message -----

From: Wenke Lee <[REDACTED]>  
Date: Tue, Feb 13, 2018 at 4:45 PM  
Subject: Please sign up to meet with Paul Pearce  
To: Taesoo Kim <taesoo@gatech.edu>, Vlad Kolesnikov <[REDACTED]>, Alexandra Boldyreva <sasha@gatech.edu>, Alex Orso <orso@cc.gatech.edu>, Brendan Saltaformaggio <brendan@ece.gatech.edu>, Manos Antonakakis <manos@gatech.edu>, Ellen Witte Zegura <ewz@cc.gatech.edu>, Constantine Dovrolis <dovrolis@cc.gatech.edu>, Jun Xu <jx@cc.gatech.edu>, Hans Klein <hans@gatech.edu>, "Mueller, Milton L" <milton@gatech.edu>, Peter Swire <Peter.Swire@scheller.gatech.edu>, "Annie I. Anton Ph.D. <aa16@gatech.edu> (aa16@gatech.edu)" <aa16@gatech.edu>, "Farrell, Michael" <Michael.Farrell@gtri.gatech.edu>  
Cc: Mustaque Ahamad <mustaq@cc.gatech.edu>, "Payton, Kenya V" <kenya.payton@cc.gatech.edu>

Folks,

Paul Pearce, a top network security candidate on the market this year, is visiting us on 2/27-28. His talk/bio info is attached. Please sign up to meet (or have lunch/dinner) with him:

[https://docs.google.com/document/d/1bjbwUKAGJ7WfKZ\\_bEeABIAZKXg2auCZ8oPBWxbxegD0/edit?usp=sharing](https://docs.google.com/document/d/1bjbwUKAGJ7WfKZ_bEeABIAZKXg2auCZ8oPBWxbxegD0/edit?usp=sharing)

Many thanks!

Wenke

---

Title:

Methods and Systems for Understanding Large-Scale Internet Threats

Abstract:

The value and power mediated by the global, interconnected systems of today's Internet attract adversaries who seek to exploit these systems for economic, political or social gain. Yet, the underlying complexity of Internet infrastructure, the layering of its services, and the indirect nature of its business relationships can make it challenging to identify even the existence of adversaries manipulating systems for their benefit.

In this talk I present systems and methods to uncover and explore two such large-scale adversarial activities, Internet-wide cybercrime and censorship. I begin with an in-depth exploration of ZeroAccess, a complex peer-to-peer botnet which served as a delivery platform for advertising abuse malware for more than four years and impacted millions of users. I identify innovative attacks and fraudulent business relationships within the advertising ecosystem stemming from complex multi-hop ad reseller chains, resulting in millions of dollars in fraud per month. These relationships and explorations were used as a focal point for fraud remediation and a takedown of the botnet.

Next I present Augur, a measurement technique and accompanying system that uses highly noisy TCP/IP side channels to measure reachability between two Internet locations without access to the endpoints or the path between them. Augur uses sequential hypothesis testing to provide statistical confidence in the face of network and side channel noise. I then use Augur to perform a global censorship measurement study of the blocking practices of more than 180 countries.

Bio:

Paul Pearce is a PhD Candidate at UC Berkeley advised by Vern Paxson and a member of the Center for Evidence-based Security Research (CESR). By developing Internet-scale measurement platforms and new empirical methods, his research brings grounding and understanding to the study of large-scale, hidden Internet security problems. His work spans the areas of cybercrime, censorship, and "advanced persistent threats" (APTs). His work has been distinguished at the IEEE Symposium on Security and Privacy, and he has been recognized as an EECS Distinguished Graduate Student Instructor.

From: Wenke Lee [REDACTED] >  
Sent on: Wednesday, September 13, 2017 9:16:07 PM  
To: Taesoo Kim <taesoo@gatech.edu>; Manos Antonakakis <manos@gatech.edu>; Raheem A. Beyah <rbeyah@ece.gatech.edu>; Mustaque Ahamad <mustaq@cc.gatech.edu>; Alexandra Boldyreva <sasha@gatech.edu>; Bill Harris <wharris@cc.gatech.edu>; milos <milos@cc.gatech.edu>; Zajic, Alenka <alenka.zajic@ece.gatech.edu>; Alex Orso <orso@cc.gatech.edu>  
CC: La Bouff, Tara <tara.labouff@iisp.gatech.edu>  
Subject: Fwd: Reminder: Demo Day  
Attachments: Demo Day overview\_for faculty 2017-18.pptx (5.32 MB)

Folks, if your student has published a paper in a security conference in the past year, can you ask him/her to register and present a poster? This is a good opportunity to get the student and project more exposure. Thanks!

Wenke

----- Forwarded message -----

From: Wenke Lee [REDACTED]  
Date: Wed, Sep 13, 2017 at 4:12 PM  
Subject: Reminder: Demo Day  
To: Gregory D Abowd <abowd@gatech.edu>, Manos Antonakakis <manos@gatech.edu>, "Annie I. Anton Ph.D. <aa16@gatech.edu> (aa16@gatech.edu)" <aa16@gatech.edu>, Mostafa Ammar <ammar@cc.gatech.edu>, "Raheem A. Beyah" <rbeyah@ece.gatech.edu>, "Bader, David" <bader@cc.gatech.edu>, Alexandra Boldyreva <sasha@gatech.edu>, Polo Chau <polo@gatech.edu>, "Chava, Sudheer" <sudheer.chava@scheller.gatech.edu>, Constantine Dovrolis <constantine@gatech.edu>, seymour goodman <seymour.goodman@inta.gatech.edu>, "Harris, William R" <wharris@gatech.edu>, Taesoo Kim <taesoo@gatech.edu>, Hans Klein <hans@gatech.edu>, Ling Liu <ling.liu@cc.gatech.edu>, "Meliopoulos, A P" <sakis.m@gatech.edu>, Vincent Mooney <mooney@ece.gatech.edu>, "Mueller, Milton L" <milton@gatech.edu>, "Niculescu, Marius" <Marius.Niculescu@scheller.gatech.edu>, Alex Orso <orso@cc.gatech.edu>, "Pande, Santosh" <santosh.pande@cc.gatech.edu>, milos <milos@cc.gatech.edu>, Brendan Saltaformaggio <brendan@ece.gatech.edu>, Peter Swire <Peter.Swire@scheller.gatech.edu>, "Zajic, Alenka" <alenka.zajic@ece.gatech.edu>, Russ Clark <russ.clark@gatech.edu>, "Lummis, Jimmy" <jimmy.lummis@security.gatech.edu>, Mustaque Ahamad <mustaq@cc.gatech.edu>, "ejc@gatech.edu" <ejc@gatech.edu>  
Cc: "La Bouff, Tara" <tara.labouff@iisp.gatech.edu>

Folks,

As a reminder during this busy week following the storm, we encourage your students to enter the IISP Cybersecurity Demo Day for exposure that can further their research and make a greater impact. By presenting their posters to practitioners from the industry and government agencies, students can solicit help (e.g., real-world use cases and datasets) and receive valuable feedback, in particular relating to the potentials for technology licensing or startups.

The Demo Day is really one not to miss. There are multiple ways for you and your students to gain from a total prize pool worth \$125,000:

#1. Any student can win \$500 just by showing a research poster on Wed., Sept. 27 at the Georgia Tech Cyber Security Summit. Audience vote will choose their three favorite projects to receive \$500 each.

#2. Undergraduates can win \$5,000 toward commercialization or further research.

#3. Undergraduate and Graduate students can win automatic admission into Create-X Startup LAUNCH. This provides \$20,000 toward a prototype, \$50,000 in free legal services, and 27-weeks of coaching.

#4. Graduate students also can gain eligibility for a \$50,000 grant from the National Science Foundation.

Graduate students who wish to commercialize their project can win any combination of #2, #3, and #4.

It all begins with a poster session at the Georgia Tech Cyber Security Summit. Student work will be displayed at the Summit from 3:00 – 3:30 on Sept. 27, giving them exposure before 400 industry, government and military attendees. This simple step can lead to fruitful conversations with others who may be able to contribute data, code, or funding for that research.

Students can choose to continue competing after the Summit for other prizes, but all students must begin with a poster session on Sept. 27.

Deadline to register is Sept. 20.

Attached again for convenience are the slides we shared last week. Please distribute to your TA's and share in class. Let's show the public the best of what Georgia Tech students can do. Thank you, all!

Wenke

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Wednesday, September 13, 2017 10:42:58 PM  
**To:** astrolavos@gtisc.gatech.edu  
**Subject:** Fwd: Reminder: Demo Day  
**Attachments:** Demo Day overview\_for faculty 2017-18.pptx (5.32 MB), ATT00001.htm (168 Bytes)

Please help us out with this one.

Thanks,

---

Typos due to mobile device ...

Begin forwarded message:

**From:** "Wenke Lee" <[REDACTED]>  
**To:** "Kim, Taesoo" <[taesoo@gatech.edu](mailto:taesoo@gatech.edu)>, "Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)>, "Beyah, Raheem A" <[rbeyah@ece.gatech.edu](mailto:rbeyah@ece.gatech.edu)>, "Ahamad, Mustaque" <[mustaq@cc.gatech.edu](mailto:mustaq@cc.gatech.edu)>, "Boldyreva, Alexandra O" <[sasha@gatech.edu](mailto:sasha@gatech.edu)>, "Bill Harris" <[wharris@cc.gatech.edu](mailto:wharris@cc.gatech.edu)>, "Prvulovic, Milos" <[milos@cc.gatech.edu](mailto:milos@cc.gatech.edu)>, "Zajic, Alenka" <[alenka.zajic@ece.gatech.edu](mailto:alenka.zajic@ece.gatech.edu)>, "Orso, Alessandro" <[orso@cc.gatech.edu](mailto:orso@cc.gatech.edu)>  
**Cc:** "La Bouff, Tara" <[tara.labouff@iisp.gatech.edu](mailto:tara.labouff@iisp.gatech.edu)>  
**Subject:** Fwd: Reminder: Demo Day

Folks, if your student has published a paper in a security conference in the past year, can you ask him/her to register and present a

poster? This is a good opportunity to get the student and project more exposure. Thanks!

Wenke

----- Forwarded message -----

From: Wenke Lee <[REDACTED]>

Date: Wed, Sep 13, 2017 at 4:12 PM

Subject: Reminder: Demo Day

To: Gregory D Abowd <[abowd@gatech.edu](mailto:abowd@gatech.edu)>, Manos Antonakakis <[manos@gatech.edu](mailto:manos@gatech.edu)>, "Annie I. Anton Ph.D." <[aa16@gatech.edu](mailto:aa16@gatech.edu)> (<[aa16@gatech.edu](mailto:aa16@gatech.edu)>)" <[aa16@gatech.edu](mailto:aa16@gatech.edu)>, Mostafa Ammar

<[ammar@cc.gatech.edu](mailto:ammar@cc.gatech.edu)>, "Raheem A. Beyah" <[rbeyah@ece.gatech.edu](mailto:rbeyah@ece.gatech.edu)>,  
"Bader, David" <[bader@cc.gatech.edu](mailto:bader@cc.gatech.edu)>, Alexandra Boldyreva  
<[sasha@gatech.edu](mailto:sasha@gatech.edu)>, Polo Chau <[polo@gatech.edu](mailto:polo@gatech.edu)>, "Chava, Sudheer"  
<[sudheer.chava@scheller.gatech.edu](mailto:sudheer.chava@scheller.gatech.edu)>, Constantine Dovrolis  
<[constantine@gatech.edu](mailto:constantine@gatech.edu)>, seymour goodman  
<[seymour.goodman@inta.gatech.edu](mailto:seymour.goodman@inta.gatech.edu)>, "Harris, William R"  
<[wharris@gatech.edu](mailto:wharris@gatech.edu)>, Taesoo Kim <[taesoo@gatech.edu](mailto:taesoo@gatech.edu)>, Hans Klein  
<[hans@gatech.edu](mailto:hans@gatech.edu)>, Ling Liu <[ling.liu@cc.gatech.edu](mailto:ling.liu@cc.gatech.edu)>, "Meliopoulos, A  
P" <[sakis.m@gatech.edu](mailto:sakis.m@gatech.edu)>, Vincent Mooney <[mooney@ece.gatech.edu](mailto:mooney@ece.gatech.edu)>,  
"Mueller, Milton L" <[milton@gatech.edu](mailto:milton@gatech.edu)>, "Niculescu, Marius"  
<[Marius.Niculescu@scheller.gatech.edu](mailto:Marius.Niculescu@scheller.gatech.edu)>, Alex Orso  
<[orso@cc.gatech.edu](mailto:orso@cc.gatech.edu)>, "Pande, Santosh" <[santosh.pande@cc.gatech.edu](mailto:santosh.pande@cc.gatech.edu)>,  
milos <[milos@cc.gatech.edu](mailto:milos@cc.gatech.edu)>, Brendan Saltaformaggio  
<[brendan@ece.gatech.edu](mailto:brendan@ece.gatech.edu)>, Peter Swire  
<[Peter.Swire@scheller.gatech.edu](mailto:Peter.Swire@scheller.gatech.edu)>, "Zajic, Alenka"  
<[alenka.zajic@ece.gatech.edu](mailto:alenka.zajic@ece.gatech.edu)>, Russ Clark <[russ.clark@gatech.edu](mailto:russ.clark@gatech.edu)>,  
"Lummis, Jimmy" <[jimmy.lummis@security.gatech.edu](mailto:jimmy.lummis@security.gatech.edu)>, Mustaque Ahamad  
<[mustaq@cc.gatech.edu](mailto:mustaq@cc.gatech.edu)>, "[ejc@gatech.edu](mailto:ejc@gatech.edu)" <[ejc@gatech.edu](mailto:ejc@gatech.edu)>  
Cc: "La Bouff, Tara" <[tara.labouff@iisp.gatech.edu](mailto:tara.labouff@iisp.gatech.edu)>

Folks,

As a reminder during this busy week following the storm, we encourage your students to enter the IISP Cybersecurity Demo Day for exposure that can further their research and make a greater impact. By presenting their posters to practitioners from the industry and government agencies, students can solicit help (e.g., real-world use cases and datasets) and receive valuable feedback, in particular

relating to the potentials for technology licensing or startups.

The Demo Day is really one not to miss. There are multiple ways for you and your students to gain from a total prize pool worth \$125,000:

#1. Any student can win \$500 just by showing a research poster on Wed., Sept. 27 at the Georgia Tech Cyber Security Summit. Audience vote will choose their three favorite projects to receive \$500 each.

#2. Undergraduates can win \$5,000 toward commercialization or further research.

#3. Undergraduate and Graduate students can win automatic admission into Create-X Startup LAUNCH. This provides \$20,000 toward a prototype, \$50,000 in free legal services, and 27-weeks of coaching.

#4. Graduate students also can gain eligibility for a \$50,000 grant from the National Science Foundation.

Graduate students who wish to commercialize their project can win any combination of #2, #3, and #4.

It all begins with a poster session at the Georgia Tech Cyber Security Summit. Student work will be displayed at the Summit from 3:00 – 3:30 on Sept. 27, giving them exposure before 400 industry, government and military attendees. This simple step can lead to fruitful conversations with others who may be able to contribute data, code, or funding for that research.

Students can choose to continue competing after the Summit for other prizes, but all students must begin with a poster session on Sept. 27.

Deadline to register is Sept. 20.



Attached again for convenience are the slides we shared last week.

Please distribute to your TA's and share in class. Let's show the public the best of what Georgia Tech students can do. Thank you, all!

Wenke

**From:** Keromytis, Angelos D<angelos@gatech.edu>  
**Sent on:** Tuesday, January 26, 2021 7:22:23 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Fwd: School of Cybersecurity and Privacy Faculty meeting  
**Attachments:** SCP faculty meeting chat - 1-26- 21-05.txt (1.91 KB), SCP\_Faculty\_meeting\_attendees\_01-26-21.pdf (83.63 KB)

□□□□

Begin forwarded message:

**From:** "Payton, Kenya V" <[kenya.payton@cc.gatech.edu](mailto:kenya.payton@cc.gatech.edu)>  
**Subject:** Re: School of Cybersecurity and Privacy Faculty meeting  
**Date:** January 26, 2021 at 1:30:27 PM EST  
**To:** "Ahamad, Mustaque" <[mustaq@cc.gatech.edu](mailto:mustaq@cc.gatech.edu)>, [REDACTED] <[REDACTED]>, [REDACTED] <[REDACTED]>, "Keromytis, Angelos D" <[angelos@gatech.edu](mailto:angelos@gatech.edu)>, "Anton, Ana I" <[aianton@gatech.edu](mailto:aianton@gatech.edu)>, "Lerner, Lee W" <[lee.lerner@gatech.edu](mailto:lee.lerner@gatech.edu)>, "Mueller, Milton L" <[milton@gatech.edu](mailto:milton@gatech.edu)>, "Doan, Trinh T" <[trinh.doan@iisp.gatech.edu](mailto:trinh.doan@iisp.gatech.edu)>, "Griessman, Gloria" <[Gloria.Griessman@oic.gatech.edu](mailto:Gloria.Griessman@oic.gatech.edu)>, "Preston, Joshua I" <[jpreston@cc.gatech.edu](mailto:jpreston@cc.gatech.edu)>, "Swire, Peter P" <[pswire3@gatech.edu](mailto:pswire3@gatech.edu)>, "Zajic, Alenka" <[alenka.zajic@ece.gatech.edu](mailto:alenka.zajic@ece.gatech.edu)>, "Boldyreva, Alexandra" <[sasha@gatech.edu](mailto:sasha@gatech.edu)>, "Das, Sauvik" <[sauvik@gatech.edu](mailto:sauvik@gatech.edu)>, "Furst, Merrick L" <[merrick@cc.gatech.edu](mailto:merrick@cc.gatech.edu)>, "Jordan, Jennifer E" <[jenna.jordan@inta.gatech.edu](mailto:jenna.jordan@inta.gatech.edu)>, "KOSTYUK, NADIYA" <[nkostyuk3@gatech.edu](mailto:nkostyuk3@gatech.edu)>, "Kim, Taesoo" <[taesoo@gatech.edu](mailto:taesoo@gatech.edu)>, "Klein, Hans K" <[hans@gatech.edu](mailto:hans@gatech.edu)>, Vlad Kolesnikov [REDACTED], "Kosal, Margaret E" <[margaret.kosal@inta.gatech.edu](mailto:margaret.kosal@inta.gatech.edu)>, "Li, Frank" <[frankli@gatech.edu](mailto:frankli@gatech.edu)>, "Pearce, Paul" <[pearce@gatech.edu](mailto:pearce@gatech.edu)>, "Macrakis, Kristie I" <[kristie.macrakis@hsoc.gatech.edu](mailto:kristie.macrakis@hsoc.gatech.edu)>, "Saltaformaggio, Brendan D" <[brendan@ece.gatech.edu](mailto:brendan@ece.gatech.edu)>, "Goodman, Seymour E" <[seymour.goodman@inta.gatech.edu](mailto:seymour.goodman@inta.gatech.edu)>, [REDACTED] <[REDACTED]>, [REDACTED] <[REDACTED]>, [REDACTED] <[REDACTED]>, "Crooks, Courtney L" <[courtney.crooks@gtri.gatech.edu](mailto:courtney.crooks@gtri.gatech.edu)>, "Muchlinski, David A" <[david.muchlinski@inta.gatech.edu](mailto:david.muchlinski@inta.gatech.edu)>, "Kennedy-Mayo, DeBrae C" <[debrae.kennedy-mayo@scheller.gatech.edu](mailto:debrae.kennedy-mayo@scheller.gatech.edu)>, "Mertoguno, Sukarno" <[Sukarno.Mertoguno@gtri.gatech.edu](mailto:Sukarno.Mertoguno@gtri.gatech.edu)>, "Harter, Alexa W" <[alexa.harter@gtri.gatech.edu](mailto:alexa.harter@gtri.gatech.edu)>  
**Cc:** "DeMillo, Richard A" <[rad@gatech.edu](mailto:rad@gatech.edu)>

Dear all,  
Many thanks for attending our first SCP General Faculty meeting today. It was great to see all of you!  
Please save-the-date: 2/23/21 – Faculty Retreat – 1pm to 4pm (I will send a calendar invite as well)  
Here's the link to the meeting slides:[SCP General Faculty meeting slides 1-26-21](#)  
The meeting chat box and attendance list are attached.  
We look forward to meeting again at the SCP Faculty Retreat!  
All the best,  
Kenya

**Kenya Payton**  
Assistant to the Chair  
School of Cybersecurity and Privacy  
T: 404.894.6711  
C: 404.808.4934

---

**From:**[rad@gatech.edu](mailto:rad@gatech.edu)

**When:**10:00 AM - 11:00 AM January 26, 2021

**Subject:**School of Cybersecurity and Privacy Faculty meeting

**Location:**[https://bluejeans.com/411748248?src=join\\_info](https://bluejeans.com/411748248?src=join_info)

Meeting URL

[https://bluejeans.com/411748248?src=join\\_info](https://bluejeans.com/411748248?src=join_info)

Meeting ID

411 748 248

Want to dial in from a phone?

Dial one of the following numbers:

+1.408.419.1715 (United States(San Jose))

+1.408.915.6290 (United States(San Jose))

(see all numbers -<https://www.bluejeans.com/numbers>)

Enter the meeting ID and passcode followed by #

Connecting from a room system?

Dial: bjn.vc or 199.48.152.152 and enter your meeting ID & passcode

---

**From:**Kenya Payton <[kenya.payton@cc.gatech.edu](mailto:kenya.payton@cc.gatech.edu)>

**Date:**Wednesday, January 20, 2021 at 6:15 PM

**To:**"DeMillo, Richard A" <[rad@gatech.edu](mailto:rad@gatech.edu)>

**Subject:**Save the date: School of Cybersecurity and Privacy Faculty meeting

Hi all,

We will hold our 1<sup>st</sup>SCP Faculty meeting Tuesday, January 26<sup>th</sup> at 10am – 11am. A calendar invite will be sent along with Bluejeans link to join.

Hope to see everyone there!

Thanks much,

Kenya

**Kenya Payton**

Assistant to the Chair

School of Cybersecurity and Privacy

T: 404.894.6711

C: 404.808.4934

**From:** Keromytis, Angelos D<angelos@gatech.edu>  
**Sent on:** Tuesday, March 10, 2020 3:09:45 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Fwd: School of Cybersecurity and Privacy task force

Begin forwarded message:

**From:** "Bras, Rafael L" <provost@gatech.edu>  
**Date:** March 10, 2020 at 09:57:14 EDT  
**To:** "Alavi, Maryam" <maryam.alavi@scheller.gatech.edu>, "Baker, Nelson C" <nelson.baker@pe.gatech.edu>, "Lozier, Susan" <susan.lozier@gatech.edu>, "French, Steven P" <steve.french@design.gatech.edu>, "Isbell, Charles L" <isbell@cc.gatech.edu>, "McLaughlin, Steven W" <swm@coe.gatech.edu>, "Murray-Rust, Catherine L" <catherine.murray-rust@library.gatech.edu>, "Tone, John L" <john.tone@iac.gatech.edu>, "Aluru, Srinivas" <aluru@cc.gatech.edu>, "Ammar, Mostafa H" <ammar@cc.gatech.edu>, "Howard, Ayanna M" <ah260@gatech.edu>, "Budd, James G" <jim.budd@design.gatech.edu>, "Castro-Lacouture, Daniel" <daniel.castro@design.gatech.edu>, "Freeman, Jason A" <jason.freeman@gatech.edu>, "Guhathakurta, Subhrajit" <subhro.guha@design.gatech.edu>, "Marble, Scott" <scott.marble@design.gatech.edu>, "Costello, Mark F" <mark.costello@aerospace.gatech.edu>, "Egerstedt, Magnus" <magnus.egerstedt@ece.gatech.edu>, "Graham, Samuel" <sgraham@gatech.edu>, "Margulies, Susan S" <susan.margulies@gatech.edu>, "Romeijn, Edwin" <edwin.romeijn@isye.gatech.edu>, "Sholl, David S" <david.sholl@chbe.gatech.edu>, "Thadhani, Naresh N" <naresh.thadhani@mse.gatech.edu>, "Webster, Donald R" <dwebster@ce.gatech.edu>, "Husbands Fealing, Kaye G" <khf@gatech.edu>, "Schatzberg, Eric" <eric.schatzberg@hsoc.gatech.edu>, "Stenport, Anna W" <aws@gatech.edu>, "Stulberg, Adam N" <adam.stulberg@inta.gatech.edu>, "Taylor, Laura O" <laura.taylor@gatech.edu>, "Utz, Richard J" <richard.utz@lmc.gatech.edu>, "Finn, M.G." <mgfinn@gatech.edu>, "Huey, Lewis G" <greg.huey@eas.gatech.edu>, "Kuske, Rachel A" <rachel@math.gatech.edu>, "Laguna, Pablo" <pablo.laguna@physics.gatech.edu>, "Streelman, Jeffrey T" <todd.streelman@biology.gatech.edu>, "Wheeler, Mark E" <mark.wheeler@psych.gatech.edu>  
**Cc:** "Herazy, Jennifer" <jennifer.herazy@carnegie.gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "Phillips, Loraine" <loraine.phillips@gatech.edu>, "Ross, Kyla T" <kyla.ross@gatech.edu>, "Berthelot, Yves H" <berthelot@gatech.edu>, "Ferri, Bonnie H" <bonnie.ferri@gatech.edu>, "Kohn, Paul R" <paul.kohn@ssc.gatech.edu>, "Potts, Colin" <colin.potts@gatech.edu>, "Anton, Ana I" <aianton@gatech.edu>, "Beyah, Raheem A" <rbeyah@ece.gatech.edu>, "Botchwey, Nisha D" <nisha.botchwey@design.gatech.edu>, "Keromytis, Angelos D" <angelos@gatech.edu>, "Lee, Wenke" <wenke@cc.gatech.edu>, "Lerner, Lee W" <Lee.Lerner@gtri.gatech.edu>, "Mueller, Milton L" <milton@gatech.edu>  
**Subject: School of Cybersecurity and Privacy task force**

Deans & School Chairs -

As you may have heard already, the Institute is convening a task force to discuss the establishment of a new school at Georgia Tech, the School for Cybersecurity and Privacy. **Please feel free to share this**

**message with your faculty as you deem appropriate.**

The new school, which will likely launch this fall, will build on our existing strengths. We already offer a comprehensive curriculum with dozens of courses in cybersecurity and privacy, and those courses enroll thousands of students in multiple undergraduate and graduate degree programs. The School will bring together our existing faculty and resources, and build upon them to offer a multidisciplinary program that benefits students, faculty, industry and government.

The School of Cybersecurity and Privacy will also meet an enormous and growing gap in the labor force. According to a 2019 workforce study, there are half a million unfilled jobs in cybersecurity in the U.S., and that number is growing. In the global economy, the number of empty jobs may be as high as 4 million.

The school will draw in faculty from different colleges: Computing, Engineering, the Ivan Allen College of Liberal Arts, the Scheller College of Business. There are a lot of stakeholders here, and the task force will need feedback from all of you. The task force will host a series of town halls, and we very much encourage you to participate.

The members of the School of Cybersecurity and Privacy task force are:

- Ana Anton, Professor, School of Interactive Computing
- Raheem Beyah, Vice President for Interdisciplinary Research; Motorola Foundation Professor of Electrical and Computer Engineering,
- Nisha Botchwey, Associate Dean for Academic Programs, GTPE; Associate Professor, City & Regional Planning,
- Samuel Graham, Eugene C. Galtway Chair and Professor, George Woodruff School of Mechanical Engineering
- Ayanna Howard, Chair and Linda J. and Mark C. Smith Professor, Interactive Computing
- Angelos Keromytis, John H. Weitnauer Jr. Professor, Electrical and Computer Engineering
- Wenke Lee, John P. Imlay Jr. Professor, Computer Science
- Lee Lerner, Chief Scientist, Georgia Tech Research Institute
- Milton Mueller, Professor, Public Policy

I know that the members of the task force look forward to hearing from you as they work through their recommendations for a vision, a mission and a structure for the new school. This is an exciting opportunity for the Institute to become a global model for multidisciplinary cybersecurity research and education, as we are in so many other vital areas.

Regards,

Rafael

Rafael L. Bras

Provost and Executive Vice President for Academic Affairs

Georgia Institute of Technology

225 North Ave

Atlanta, Ga 30332-0325

email: [rbras@gatech.edu](mailto:rbras@gatech.edu)

Tel: 404-385-2700

**From:** Farrell, Michael<Michael.Farrell@gtri.gatech.edu>  
**Sent on:** Thursday, August 23, 2018 6:12:20 AM  
**To:** Antonakakis, Emmanouil K<manos@gatech.edu>  
**Subject:** Fwd: White Paper on attribution

Begin forwarded message:

**From:** "Mueller, Milton L" <[milton@gatech.edu](mailto:milton@gatech.edu)>  
**Date:** August 22, 2018 at 16:05:45 EDT  
**To:** "Farrell, Michael D" <[Michael.Farrell@gtri.gatech.edu](mailto:Michael.Farrell@gtri.gatech.edu)>  
**Cc:** "Lee, Wenke" <[wenke@cc.gatech.edu](mailto:wenke@cc.gatech.edu)>, "Swire, Peter P" <[Peter.Swire@scheller.gatech.edu](mailto:Peter.Swire@scheller.gatech.edu)>  
>  
**Subject: RE: White Paper on attribution**

Wow, Michael, you are breaking new ground in a lack of collegiality.  
I wonder what's eating you? What exactly about our activities do you find so threatening?  
If you think this kind of stuff is going to silence us, you're wrong.  
I have totally lost respect for you and will not bother to communicate with you anymore. You're a bitter, petty little man and more and more people are beginning to notice that. Eventually, the IISP will find a director who knows how to lead, I am sure.

**From:** Epstein, Jeremy J.<jepstein@NSF.GOV>

**Sent on:** Monday, October 18, 2021 9:53:52 PM

**To:** SATC-ANNOUNCE@LISTSERV.NSF.GOV

**Subject:** FY22 SaTC solicitation still not released; upcoming town hall; and much more!

Dear Colleagues, a lot of information to share with you. Please see in particular the town hall on Oct 27 (item #5 below).

1. The new FY22 SaTC solicitation (to replace 21-500) is not yet released, and there is not an alternative for submissions at this point. We're expecting it to be released soon. We know that you're anxious to submit proposals, but please be patient. Please don't write asking when it will be out; we don't know, and we promise to send an announcement the moment it's online. Please do not submit your proposals to other solicitations, because that causes extra work, and increases the chance that your proposal will get lost. Since there are no deadlines, this should have minimal impact.
2. The AI Institutes solicitation has been released at <https://beta.nsf.gov/funding/opportunities/national-artificial-intelligence-research-institutes> . Theme 1 (Intelligent Agents for Next-Generation Cybersecurity) may be of particular interest to SaTC PIs. Preliminary proposals are due Jan 14 2022, with full proposals due May 13 2022.
3. The Designing Accountable Software Systems (DASS) solicitation has been related at <https://www.nsf.gov/pubs/2022/nsf22512/nsf22512.htm> . Many of the topics are closely related to SaTC. Full proposals are due January 28 2022.
4. REU supplement requests can be submitted any time – you do NOT need to wait for the annual Dear Colleague Letter! So if you're planning for students for summer 2022 (or even during the academic year), please submit your requests whenever you're ready. See <https://www.nsf.gov/pubs/2021/nsf21028/nsf21028.jsp> for guidance, and **\*please\*** make sure the seven items listed in "how to apply" are clearly identified in your proposal, as it makes it much faster to process the requests.
5. The SaTC Town Hall will be Oct 27 @ 12pm-5pm Eastern. \*\*\*To attend, you MUST register at <https://nsf.zoomgov.com/meeting/register/vJlsdu6gqzloH1iemZM9saS9HtYeliphywA> to get your link. Here's the agenda (all times Eastern):
  - 12pm: Welcome
    - o Greetings from Gurdip Singh, Division Director, CISE/CNS; Juan Meza, Division Director, MPS/DMS; Kim Barrett, Division Director, EHR/DGE; Alan Tomkins, Deputy Division Director, SBE/SES
    - o Overview of SaTC
    - o Introduction of program officers
  - 1230-1255pm: Breakouts
    - o Room #1: Hallway track
    - o Room #2: Education (Li Yang, Nigamanth Sridhar, Victor Piotrowski)
    - o Room #3: Cryptography (Nina Amla, Andy Pollington, Phil Regalia)
    - o Room #4: Mobile & IoT security (Murtuza Jadliwala, Univ of Texas San Antonio)
    - o Room #5: AI Institutes & security (Dan Cosley, Sol Greenspan, Jim Donlon, Rebecca Hwa)
  - 100-125pm: Breakouts
    - o Room #1: Hallway track
    - o Room #2: Social/Behavioral/Economic Sciences (Sara Kiesler)
    - o Room #3: Hardware security (Gang Qu & Jeremy Epstein)
    - o Room #4: Convergence Accelerators (Doug Maughan & Mike Pozmantier)
    - o Rom #5: K-12 education (Laurin Buchanan, Secure Decisions)
  - 130pm-155pm: Breakouts

- o Room #1: Hallway track
- o Room #2: Networking (Alex Sprintson)
- o Room #3: Human Centered Design (Dan Cosley)
- o Room #4: Producing and Sharing Research Artifacts (Terry Benzel, USC/ISI; Dave Balenson & Laura Tinnel, SRI International)
- o Room #5: SaTC 2022 PI meeting (Mike Reiter, Duke; Heather Lipford, UNC Charlotte; Will Enck, NCSU)
- 200pm-225pm: Breakouts
  - o Room #1: Hallway track
  - o Room #2: Secure and Trustworthy Internet of Things (Jack Zhang, Univ of Houston)
  - o Room #3: Broadening Participation in Computing (Michelle Rogers)
  - o Room #4: Innovation Corps (I-Corps) (Becky Shearman)
  - o Room #5: Evidence Based Practice (Laurin Buchanan, Secure Decisions)
- 230pm-255pm: Breakouts
  - o Room #1: Hallway track
  - o Room #2: Privacy (James Joshi)
  - o Room #3: Transition to Practice (Rob Beverly)
  - o Room #4: Broadening Participation in Computing (Michelle Rogers)
  - o Room #5: Capturing Experimental Results (Terry Benzel, USC/ISI & Dave Balenson, SRI International)
- 300pm-325pm: Breakouts
  - o Room #1: Hallway track
  - o Room #2: Artificial Intelligence & Machine Learning (Wei-Shinn Ku & Balakrishnan Prabhakaran)
  - o Room #3: International collaborations (Jeremy Epstein)
  - o Room #4: Security research at Minority Serving Institutions (Nigamanth Sridhar)
  - o Room #5: Understanding annual/final reports (Rich Sheehey & Nancy Arce & Pam Shaw)
- 330pm-355pm: Breakouts
  - o Room #1: Hallway track
  - o Room #2: Software & formal methods (Sol Greenspan)
  - o Room #3: Human subjects & IRB (Melanie Hughes) [confirmed]
  - o Room #4: Research at non-R1 institutions (Daniela Oliveira & Adam Aviv, GWU)
  - o Room #5: Artificial Intelligence and Cybersecurity (Sagar Samtani, Indiana Univ)
- 400pm-425pm: Breakouts
  - o Room #1: Hallway track
  - o Room #2: Information Integrity (Nina Amla, Sara Kiesler, Dan Cosley)
  - o Room #3: Education (Li Yang, Nigamanth Sridhar, Victor Piotrowski)
  - o Room #4: Systems (Daniela Oliveira and Jeremy Epstein)
  - o Room #5: Understanding annual/final reports (Rich Sheehey & Nancy Arce & Pam Shaw)
- 430pm-455pm: Breakouts
  - o Room #1: Hallway track
  - o Room #2: Reruns (any session that people want to do again because of conflict)
  - o Room #3: Reruns (any session that people want to do again because of conflict)
  - o Room #4: Reruns (any session that people want to do again because of conflict)
  - o Room #5: Reruns (any session that people want to do again because of conflict)

You're free to share this (or any other message from this mailing list) with colleagues, although we'd prefer you don't put it on public websites to minimize the amount of spam.

Stay healthy and secure!

Jeremy Epstein for the SaTC team:

Nina Amla

Nancy Arce



Rob Beverly  
DanCosley  
Sol Greenspan  
Alex Jones  
James Joshi  
SaraKiesler  
Wei-Shinn Ku  
Rosa ("Ale") Lukaszew  
Daniela Oliveira  
Victor Piotrowski  
AndyPollington  
Balakrishnan Prabhakaran  
Indrajit Ray  
Phil Regalia  
Pam Shaw  
RichSheehey  
Alex Sprintson  
NigamanthSridhar  
Li Yang

To join the SaTC mailing list: Send "subscribe SaTC-announce" to [listserv@listserv.nsf.gov](mailto:listserv@listserv.nsf.gov) and then respond to the confirmation message.

Want to be a SaTC reviewer? Please fill out our survey at <https://www.surveymonkey.com/r/SatcVolunteer2022>

#####

**From:** Greg Aaron<greg@illumintel.com>  
**Sent on:** Tuesday, August 13, 2019 2:52:23 PM  
**To:** 'Antonakakis, Manos'<manos@gatech.edu>  
**Subject:** Georgia Tech faculty member resisting reasonable WHOIS access policy

Dear Manos:

Greetings. Do you know this faculty member at Georgia Tech? <https://spp.gatech.edu/people/person/milton-l-mueller>  
I ask because he has been a vociferous opponent of reasonable access to WHOIS data for security purposes, and is fighting it at ICANN. He's also been misusing data, and equating reasonable anti-abuse and security work with "surveillance". Mueller is currently a representative in the ICANN ePDP Working Group, which is deciding WHOIS access policy in the aftermath of GDPR. (<https://www.icann.org/resources/pages/interim-registration-data-policy-en> )  
At ICANN, a variety of security professionals (including myself, Rod Rasmussen, John Levine, and law enforcement representatives) stated that one reason that WHOIS data is collected is to facilitate the reporting and solving of problems (like hackings, misconfigurations, DDoS attacks, etc.) For that common-sense view, Mueller ascribed malicious motives to anyone who holds that position, and labelled us the "surveillance caucus":

<https://www.internetgovernance.org/2018/09/28/whois-reform-grinds-forward/>

<https://www.internetgovernance.org/2019/03/05/whois-reform-at-last/>

I'm guessing that labels you as well.

Brian Krebs wrote that Mueller's Internet Governance Project site and proteges made "misleading claims and assertions" about WHOIS access and GDPR here: <https://www.internetgovernance.org/2018/04/25/whois-afraid-dark-truth-illusion-lets-know-difference-comes-whois/>

and Krebs felt obligated to debunk them:

<https://krebsonsecurity.com/2018/04/security-trade-offs-in-the-new-eu-privacy-law/comment-page-1/>

Mueller has also used data improperly. In this article he stated that ICANN's new WHOIS policy has not increased spam and phishing volumes. But a correlation either way is not demonstrated and is difficult to establish. I think it was a pretty blatant misuse of Cisco and APWG data.

<https://www.internetgovernance.org/2019/03/05/whois-reform-at-last/>

(Funnily enough, Cisco Talos stats say that spam volume has rocketed since Mueller wrote that article.)

It appears that all students in Georgia Tech's MS in Cybersecurity program must take classes the Mueller teaches.

I am a member of the ICANN ePDP working group as well, as a representative of the ICANN SSAC. I am contacting you about this purely in my personal capacity, though.

Would be happy to talk with you in confidence. It might be useful to make it known that other professionals at Georgia Tech do not have the same views as Mueller does, and that he sometimes has his own facts.

All best,

--Greg Aaron



**From:** Georgia Tech Coronavirus Task Force<publichealth@gatech.edu>

**Sent on:** Tuesday, April 21, 2020 2:15:57 PM

**To:** gt-students<gt-students@office365.gatech.edu>; gt-employees<gt-employees@office365.gatech.edu>

**Subject:** Georgia Tech's Recovery Task Force to Guide Return to Standard Operations

President Ángel Cabrera has appointed a new task force to guide and oversee planning for the eventual resumption of Institute operations.

No timetable yet exists for reopening facilities and laboratories and returning to in-person instruction. The recovery task force will begin by modeling different possible scenarios and will coordinate the actions of different units within federal, state, and University System of Georgia guidelines. The recovery task force is led by Frank Neville, senior vice president for Strategic Initiatives.

"As we're making plans to resume campus operations, our focus is squarely on the safety of our students, faculty, and staff," said Neville. "Because we don't yet know when the Institute will be able to resume previous levels of campus-based activity, the establishment of this task force is a proactive measure. As we develop our plans, we are drawing on the expertise of Georgia Tech faculty in public health and other disciplines to ensure that our decisions are informed by the latest research and insight."

When Georgia Tech transitioned to distance learning and modified operations in March, every unit within the Institute executed a continuity plan unique to its needs, responsibilities, and personnel. These continuity plans coordinated specific responses to alterations in campus operations, such as distance learning, teleworking, incident response teams, and more. The recovery plans will guide units as they prepare for a phased resumption of services and operations.

Since units and their operations may be differently affected by guidelines, the recovery task force will work with individual departments to assess needs and make recommendations. While many administrative offices will be able to plan resumption of operations under similar conditions, some units — athletics, research, or dining, for example — may have additional requirements to consider.

Students, faculty, and staff should continue to check Georgia Tech's [Monitoring Coronavirus](#) site for updates.

### **Recovery Task Force membership:**

- Frank Neville, senior vice president, Strategic Initiatives
- Joi Alexander, director, Health Initiatives
- Robert Connolly, chief of police
- Mark Demyanek, interim senior vice president, Administration
- Dr. Jon Duke, principal research scientist and director, Center for Health Analytics and Informatics
- Kelly Fox, executive vice president, Administration and Finance
- Laura Gustavson, emergency management coordinator, Emergency Management
- Kim Harrington, associate vice president, Human Resources
- [REDACTED] graduate student, Aerospace Engineering
- Kasey Helton, associate vice president, Campus Services
- Jennifer Herazy, chief administrative officer, Academic Affairs and Research
- Dr. Benjamin Holton, senior director, Health Services
- Laurence Jacobs, professor and associate dean, College of Engineering
- Christopher Jones, professor, Chemical and Biomolecular Engineering
- Pinar Keskinocak, professor and director, Center for Health and Humanitarian Systems
- Renee Kopkowski, vice president, Institute Communications
- [REDACTED] undergraduate president, Student Government Association
- Keith McBride, chief of staff, Georgia Tech Research Institute
- James McGarrah, interim vice president, Information Technology
- Ling-Ling Nie, general counsel and vice president, Ethics and Compliance
- Colin Potts, vice provost, Undergraduate Education

- Mark Rountree, deputy director of athletics, Georgia Tech Athletics Association
- William Smith, director, Emergency Management
- John Stein, vice president, Student Life and dean of students
- Michelle Thackray, consultant, Strategic Initiatives
- Nazia Zakir, assistant vice president, Environmental Health and Safety

**From:** IEEE eNotice<sharlenebrown@ieee.org>

**Sent on:** Thursday, April 23, 2020 7:08:18 PM

**To:** manos@gatech.edu

**Subject:** Girls in ICT Day April 23, 2020 Event

If you are having trouble reading this message, [click here](#) for the web version.

The world's largest technical professional organization dedicated  
to advancing technology for the benefit of humanity

---

On April 23, 2020, The IEEE Jamaica Section and their Women in Engineering (WIE) Affinity Group will collaborate with Caribbean Girls Hack and IEEE Puerto Rico and Caribbean Section to host an event to celebrate Girls in ICT Day 2020. Please see event details and agenda below:

You have been invited to join this WebEx meeting.

### **IEEE Jamaica Section WIE Girls in ICT Day Event**

Thursday, April 23, 2020

12:30 pm|S. America Pacific Time (Bogota, GMT-05:00)|2 hrs

[\*\*Join WebEx meeting\*\*](#)

<https://ieeemeetings.webex.com/ieeemeetings/j.php?MTID=me83277a636eeb34ac3af1cc4869755bc>

Meeting number: 591 739 983

Meeting password: JrARzKR8e48

## Join from a video conferencing system or application

Dial [591739983@ieeemeetings.webex.com](mailto:591739983@ieeemeetings.webex.com)

You can also dial 173.243.2.68 and enter your meeting number.

To dial from an IEEE Video Conference System: **\*1 591 739 983**

## Join by phone

[+1-415-655-0002](tel:+14156550002) United States Toll

[1-855-282-6330](tel:18552826330) United States Toll Free

Access code: 591 739 983

[Global call-in numbers](#) | [Toll-free calling restrictions](#)

## AGENDA

### IEEE – Women in Engineering (WIE) Jamaica Section Affinity Group

#### 2020 Girls in ICT Day Event

Thursday April 23, 2020

1:00 Pm – 1:30 Pm (Jamaica Time)

**Moderator: Sharlene Brown, Chair, WIE Jamaica Section**

1. Welcome & Open Remarks - Moderator
2. Greetings: About WIE
  1. **Devon Gayle** – Chair, IEEE Jamaica Section
  2. **Jennifer Castillo** – IEEE WIE (Worldwide) Committee Member & IEEE Puerto Rico and Caribbean Section Chair
- 3.

**Justine Shaw:** Chair, University of the West Indies IEEE Student Branch

4. My Journey as a Computer Science Student

**Tia Thomas** – University of Technology, Jamaica (Utech, Ja),

Huawei's Scholarship Recipient & Member of an Intelligence System Lab with 2019 Utech Ja. Caribbean Hackathon Winners

5. Q& A

6. Adjournment

---

Attachments:

[AGENDA - IEEE-WIE Girls in ICT Day Event](#)

Southeastern USA - Region 3 : <http://ewh.ieee.org/reg/3/>

Manage your IEEE Communication Preferences at the [IEEEPrivacyPortal](#)

**From:** Georgia Tech College of Computing<communications@cc.gatech.edu>  
**Sent on:** Tuesday, September 26, 2017 6:07:52 PM  
**To:** Emmanouil<manos@gatech.edu>  
**Subject:** GT Computing Compiler Quarterly ☐September 2017☐

News for the GT Computing Community  
**SEPTEMBER 2017**







---

3T Computing had the opportunity to share a few [highlights from the past year](#) with President **G.P. 'Bud' Peterson** as he prepared for the [2017 Institute Address](#), which he delivered on Aug. 31. The address included an update on the Institute's 25-year [strategic plan](#), a video on research initiatives, and a look at the Institute's growing innovation neighborhoods.



---

As technology evolves and more online graduate programs become available at a much lower cost, is it time to reconsider traditional higher education? [PBS NewsHour](#) recently explored this question in a feature on Georgia Tech's [online Master of Science in Computer Science](#) program.



---

Developing notable research results is one thing, but creating an approach that inspires others to think in new ways more than a decade later is worth celebrating! A team that includes GT Computing alumni and faculty was recognized for its work with the 10-Year Impact Award at the [ACM International Joint Conference on Pervasive and Ubiquitous Computing](#) (UbiComp 2017). The award underscores the ongoing influence of the team's paper, [The Flick of a Switch: Detecting and Classifying Unique Electrical Events on the Residential Power Line](#).



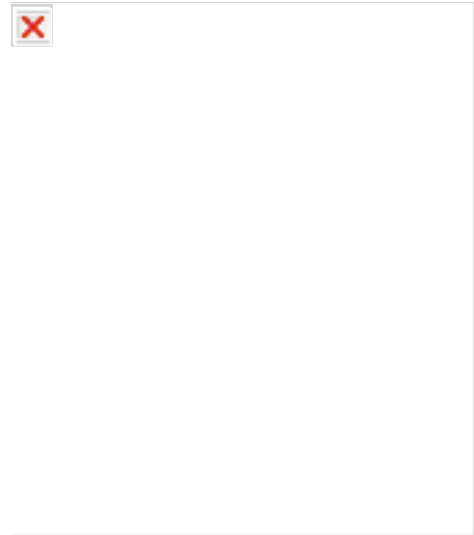
# Alumni in the News



## Terry Nelms, Ph.D. CS 2015

*Windrop*

Unlike email spam, which has led to a multi-billion-dollar anti-spam industry, telephony spam and scams have not received significant attention by the security community. Speaking Sept. 1 during the [Cybersecurity Lecture Series](#), **Terry Nelms** said the low level of security in the telephony channel enables cybercriminals to craft large-scale attacks at low cost, using techniques like spoofing and robocalling.



## Casey Feisler, Ph.D. HCC 2015

*University of Colorado, Boulder*

...ose data is it anyway?" This is an increasingly relevant question as bots scrape data from social media sites for marketing and law enforcement purposes. **Casey Feisler** – who holds a law degree, as well as a Ph.D. in human-computer interaction – recently blogged about the ethics of data mining. Her [Medium post](#) caught the attention of writers at [Fast Company](#) trying to make sense of the murky world of data scraping.



## Anind Dey, Ph.D. CS 2000

University of Washington

Anind Dey has been [named as dean](#) of the University of Washington Information School. Prior to taking the UW iSchool helm this summer, Dey served as the Charles M. Geschke Professor and director of the Human-Computer Interaction Institute at Carnegie Mellon University's School of Computer Science.

## Our College News

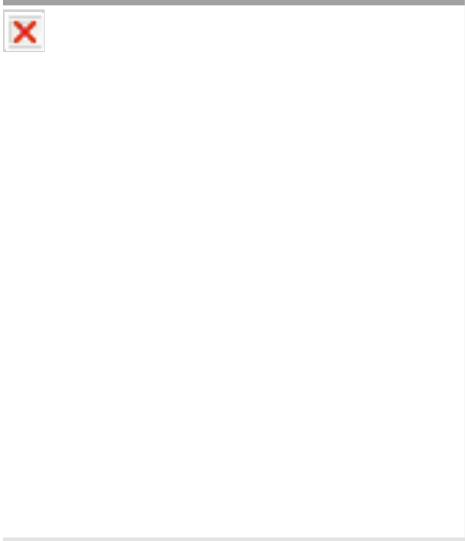


**How IoT Could Save Lives in Disasters like Hurricane Irma**

*Porta Report*

Oct. 12

[Read More](#)



**dy Finds Reddit's Controversial Ban of Its Most Toxic  
reddits Actually Worked**

hCrunch

it. 11

[id More](#)

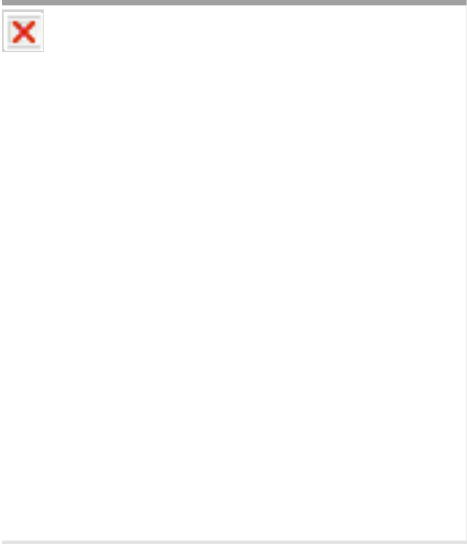


**v to Fix Identity-Theft Issues Posed by the Equifax Hack**

v York Times

it. 11

[id More](#)

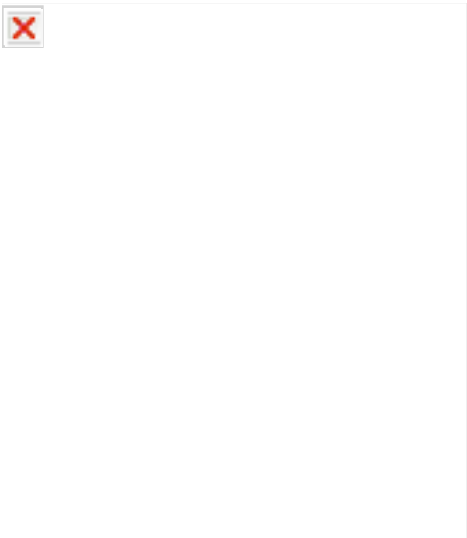


### ***ambient Music Made With Eclipse Data is Out of This World***

100! News

|. 23

[Read More](#)



### ***Energy-Recycling Stairs Could Replace Stairlifts***

100! News

r 14

[Read More](#)



## **The Next Node**

[McKenzie Atwood](#) is a third-year computational media major who is finding her voice on and off campus.






As a placekicker on her high school football team, second-year computer science student [Sabrina Seibel](#) is accustomed to competing in male-dominated arenas.

CS majors **Wenqi Xian**, **Cheng Hann Gan**, and **Sarthak Srinivas** are *Team Oculogx* and they are [taking on the world](#).

## Trivia Question

A new [Machine Learning](#) Ph.D. program began this fall. How many Georgia Tech schools are partnering to offer the new degree?

[See the Answer!](#)

-  Website
-  Facebook
-  Twitter
-  Instagram
-  YouTube

*Copyright © 2017 Georgia Tech College of Computing, All rights reserved.*

You are receiving this email because you have been identified as an alumnus of the College of Computing at Georgia Tech.

**Our mailing address is:**

Georgia Tech College of Computing  
301 Atlantic Drive NW  
Atlanta, GA 30318

[Add us to your address book](#)

[Unsubscribe from this list](#) [update subscription preferences](#)



**From:** Mark, Leo<leo.mark@pe.gatech.edu>  
**Sent on:** Friday, September 1, 2017 7:11:34 PM  
**To:** Mark, Leo<leomark@pe.gatech.edu>; nelson@pe.gatech.edu; Lee, Wenke<wenke@cc.gatech.edu>; Rotoloni, Francis A<Bo.Rotoloni@gtri.gatech.edu>; Ahamad, Mustaque<mustaq@cc.gatech.edu>; Bankoff, Joseph R<joseph.bankoff@inta.gatech.edu>; Husbands Fealing, Kaye G<khf@gatech.edu>; McLaughlin, Steven W<swm@ece.gatech.edu>; Anton, Ana I<aa16@gatech.edu>; Swire, Peter P<Peter.Swire@scheller.gatech.edu>; Farrell, Michael D<Michael.Farrell@gtri.gatech.edu>; Mueller, Milton L<milton@gatech.edu>; Klein, Hans K<hans@gatech.edu>; Hoeting, Mark A<mark.hoeting@oit.gatech.edu>; Goodman, Seymour E<seymour.goodman@inta.gatech.edu>; Gerber, Andrew<Andrew.Gerber@gtri.gatech.edu>; Downing, Christopher C<chris.downing@innovate.gatech.edu>; Bonnett, Jennifer C<jen@atdc.org>; Anton, Ana I<aa16@gatech.edu>; Swire, Peter P<Peter.Swire@scheller.gatech.edu>; Farrell, Michael D<Michael.Farrell@gtri.gatech.edu>; Lummis, Anant J<jimmy.lummis@security.gatech.edu>; Folds, Renita S<Renita.Folds@gtri.gatech.edu>; ██████████; Boldyreva, Alexandra O<sasha@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Mitra, Saby<saby.mitra@scheller.gatech.edu>; taesoo.kim@gatech.edu; calton@gatech.edu; lingliu@gatech.edu; Orso, Alessandro<orso@cc.gatech.edu>; Clark, Russell J<russ.clark@gatech.edu>; Wright, George A<Fred.Wright@gtri.gatech.edu>; McDermott, Thomas A<Tom.McDermott@gtri.gatech.edu>; Ammar, Mostafa H<mostafa.ammar@cc.gatech.edu>; anita.pavadore@gatech.edu; alenka.zajic@gatech.edu; yacin.nadji@gatech.edu; Meliopoulos, A P<sakis.m@gatech.edu>; Beyah, Raheem A<rbeyah@ece.gatech.edu>; Loper, Margaret L<margaret.loper@gtri.gatech.edu>; Chava, Sudheer<sudheer.chava@scheller.gatech.edu>; MacIntyre, Blair<blair@cc.gatech.edu>; Chung, Pak Ho<pchung34@mail.gatech.edu>; Sanders, Stefany L<stefany.sanders@pe.gatech.edu>; La Bouff, Tara<tara.labouff@iisp.gatech.edu>  
**Subject:** GT Cyber Education Inventory  
**Attachments:** CYBER Inventory.xlsx (9.14 KB)

Dear Colleagues,

Knowing that we are all involved in a large and diverse number of Cyber and Privacy related education activities in the schools, centers and labs across campus and beyond, and also knowing that none of us have a complete picture of all these education activities, I would like to volunteer to compile – with your help - an inventory of these diverse activities. I have no intentions of creating a central website with this information or sharing it widely. Instead, I will share the inventory with everyone who helps me compile it. You can use the information in the inventory to reach out to other colleagues when you plan which directions you want to expand your education activities in. The inventory will help me understand who to reach out to in order to respond to external requests, plan GTPE education activities, and plan funding of these.

I have attached a spreadsheet in which I ask you to enter a few pieces of information about the education activities you are involved in and return it to me. It should only take you 5-10 minutes to add your information. You need not coordinate your responses with all the others colleagues you collaborate with. I will combine the input from you, remove duplicates, and clean it up.

I am sending this email to everyone who I know is involved in Cyber related education activities. If I have missed any of your GT colleagues, please feel free to forward my email to them.

Below are a few words of explanation of the columns in the spreadsheet.

I hope this will become a valuable resource for all of us.

Thanks,

Leo

**Spreadsheet columns:**

**Course ID:** applies only to courses, credit or short-course

**Title of course or presentation:** please include lecture series, panel presentations, seminar or conference presentations, or promotional videos you want to include.

**Faculty name(s):** list your name and names of collaborators, if any

**School/center/lab:** your educational activity was representing

**Type of activity:** degree course/short course/talk/panel presentation/other

**Delivery format:** face-to-face/online

**Readily available to be offered again?** Yes; With some modifications; No

**General Areas of expertise/industry (check as many as you like):** law, policy, defense, intelligence gathering, executive/business risk mgt., industrial control, privacy, trust, cyber-physical systems, healthcare, manufacturing, transportation, utilities, government, telecom, media, banking/insurance/finance, IT

**Number of times offered:** just a rough estimate, e.g. every year for 8 years

**Total number of students/attendees over time:** just a rough estimate

**Additional comments:** Things I should have asked, but didn't

**From:** Georgia Tech Daily Digest<dailydigest@gatech.edu>  
**Sent on:** Thursday, February 15, 2018 3:12:59 PM  
**To:** dailydigest@lists.gatech.edu  
**Subject:** Hackathons; Alexa; Weaknesses in the Workplace

Having trouble viewing this email? [View it in your browser.](#)



Thursday, February 15



## Upcoming Events

### Chick-fil-A with SAA

**Today**

10 a.m. – 2 p.m.

Tech Walk, BioTech Quad,  
and Instructional Center Lawn

## We Can Hack That: A Campus Mindset

A recent Moog Hackathon on campus had students build a musical instrument in a weekend. It was just the most recent in a growing trend of Tech students making a name on the hackathon circuit.



### UX Scale and Evolution at Uber

**Today**

11:30 a.m. – 1 p.m.

Technology Square  
Research Building



### Elevating Art and Technology

**Today**

3:30 – 5 p.m.

Institute for People and Technology, Su  
600, Centergy Building

## Alexa Takes Up Residence in Towers

Students in Towers Residence Hall were invited to pick up custom Amazon Dots last week. Residents can install a Georgia Tech module that allows them to ask Alexa Tech-specific questions.

### New Education: Liberal Arts in the 21st Century

**Today**

3:30 – 6 p.m.

Clary Theater, Bill Moore Student Success  
Center



## Disclosing Weaknesses in Workplace Relationships



Georgia Tech researchers recently found that, for higher status individuals, disclosing a weakness negatively affected their relationship and effectiveness with lowerstatus partners.



### Women's Basketball vs. North Carolina

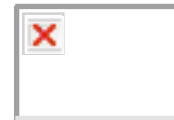
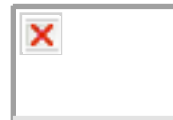
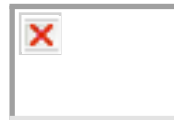
Today  
7 – 9 p.m.  
McCamish Pavilion

### Men's Tennis vs. Clemson

Friday, Feb. 16  
5 p.m.  
Ken Byers Tennis Complex



[Georgia Tech](#)  [News Center](#)  [Archive](#)  [Suggest A Feature](#)



This email was sent to [manos@gatech.edu](mailto:manos@gatech.edu)

To stop receiving these emails, please [use our unsubscribe form](#).  
Make sure to unsubscribe using the email address that this message was sent to ([manos@gatech.edu](mailto:manos@gatech.edu)).

Trouble unsubscribing? [View unsubscribe instructions](#).

Georgia Institute of Technology  
Institute Communications  
177 North Avenue  
Atlanta, GA 30332  
Phone: 404.894.0870  
[comm.gatech.edu](http://comm.gatech.edu)

**From:** Georgia Tech Daily Digest<dailydigest@gatech.edu>  
**Sent on:**Friday, April 6, 2018 3:08:22 PM  
**To:** dailydigest@lists.gatech.edu  
**Subject:**Have a Seat; Tech Parkway; Healthy Campus; Compliance Deadline

Having trouble viewing this email? [View it in your browser.](#)



Friday, April 6



## Upcoming Events

### VIP Poster Competition

**Today**

4 – 5:30 p.m.

Atrium, Klaus Advanced Computing Building

---

### Hack Tech Culture

**Today**

4 – 6 p.m.

Room 2448, Klaus Advanced Computing Building

---

### ACC InVenture Prize Finals

**Today**

8 – 9 p.m.

Ferst Center for the Arts

---

### Tech Beautification Day

**Saturday, April 7**

10 a.m. – 1 p.m.

Georgia Tech Campus

## Have a Seat with Rosa Parks

With 'Continuing the Conversation' now unveiled, the campus community can take a seat with Rosa Parks in Harrison Square.



## Fine-Tuning of Tech Parkway to Take Place Next Week

---

### Women's Tennis vs. Wake

XXXXXX

In order to relieve a traffic pinch point, the stretch of Tech Parkway behind the Campus Recreation Center will see minor modifications beginning April 9.



## Tech Completes Partnership for Healthier Campus Initiative



Georgia Tech is one of only 21 institutions across the country to successfully implement the Partnership for a Healthy America's rigorous Healthier Campus Initiative guidelines.



## Compliance Campaign Ends Today



All employees, including student workers, should complete their compliance campaign steps via TechWorks.



## Forest

**Sunday, April 8**  
Noon  
Ken Byers Tennis Complex

## Baseball vs. Florida State

**Sunday, April 8**  
1 p.m.  
Russ Chandler Stadium

## Let's Talk

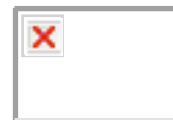
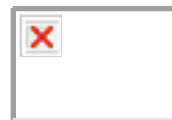
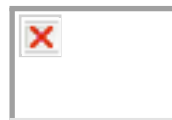
**Monday, April 9**  
10 a.m. – noon  
Room 447B, Clough Commons

## Tech4Good Expo

**Monday, April 9**  
11 a.m. – 3 p.m.  
Student Center Ballroom



Georgia Tech  News Center  Archive  Suggest A Feature



This email was sent to [manos@gatech.edu](mailto:manos@gatech.edu)

To stop receiving these emails, please [use our unsubscribe form](#).

Make sure to unsubscribe using the email address that this message was sent to ([manos@gatech.edu](mailto:manos@gatech.edu)).

Trouble unsubscribing? [View unsubscribe instructions](#).

Georgia Institute of Technology  
Institute Communications  
177 North Avenue  
Atlanta, GA 30332  
Phone: 404.894.0870  
[comm.gatech.edu](http://comm.gatech.edu)

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Sunday, November 14, 2021 5:17:53 PM  
**To:** McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**CC:** Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Heads up  
**Attachments:** 5 False Narratives About The Spygate Indictment Of Michael Sussmann.pdf (534.78 KB)

Gentlemen,

The reporter inline wrote the attached article a couple of months ago and made the claim that my actions were equivalent to criminal conduct. We ignored the first article, as we were not consulted. This time around she asked us for a comment because will be writing a second stronger article possible replaying the same narrative.

Because I (or we?) might file a suit against her for knowingly writing false statements about me (and the work I did at GT), we had to respond with the way you see inline.

At some point we need to stop being quite about my role in all these. Being accused of criminal conduct is where I draw the line in this situation.

Manos

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Sunday, November 14, 2021 at 12:09 PM  
**To:** "Schamel, Mark" <MSchamel@lowenstein.com>, "Jara, Ana" <AJara@lowenstein.com>  
**Subject:** Re: Media Request re Mr. David Dagon

Yes, this makes sense.

Thank you, Mark

---

**From:** "Schamel, Mark" <MSchamel@lowenstein.com>  
**Date:** Sunday, November 14, 2021 at 12:08 PM  
**To:** "Antonakakis, Manos" <manos@gatech.edu>, "Jara, Ana" <AJara@lowenstein.com>  
**Subject:** RE: Media Request re Mr. David Dagon

That was intentional. I wanted to push back hard on her crappy reporting. She is a hack. I think we are going to have to come out publicly at some point and say that. I want to make a record that we told her, clearly, what she was doing. If you ever want to file a suit, actual knowledge makes it much harder for her when we win.

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

T: 202.753.3805  
M: 202.841.3401  
F: 973.597.2400



---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Sunday, November 14, 2021 12:00 PM  
**To:** Schamel, Mark <MSchamel@lowenstein.com>; Jara, Ana <AJara@lowenstein.com>  
**Subject:** Re: Media Request re Mr. David Dagon

No. What I mean is that is borderline rude to her. Effectively telling her that she is not good at what she does. While true, I would never put that in an email.

Manos

---

**From:** "Schamel, Mark" <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>  
**Date:** Sunday, November 14, 2021 at 11:56 AM  
**To:** "Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)>, "Jara, Ana" <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** RE: Media Request re Mr. David Dagon



ReplyForward

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.



**From:** GTK Cyber<info@gtkcyber.com>  
**Sent on:** Tuesday, July 23, 2019 5:41:20 AM  
**To:** manos@gatech.edu  
**Subject:**HITB AI Competition for \$50k (resending - this is not spam - we want your students to participate!)

Learn about the Hack in the Box Cyber AI Challenge

Dear Professor Antonakakis,

Want to raise your school's profile in the cyber security world? Hack-in-the-Box's (HITB's) networking security and hack-in-the-box conferences are well-known in the hacking/cybersecurity world, especially the flagship HITBSecConf going into its 16<sup>th</sup>. HITB's conferences are some of the best networking opportunities for security professionals and now, your students have the opportunity to participate. HITB's AI Challenge lets university teams from around the world compete to win \$50K prize money and a trip to Abu Dhabi to attend Cyber Week and present their winning solution to an international group of potential employers.

With a choice of two competition projects, both emulating real-life scenarios to give students practical industry experience, you will want to encourage your best students to participate.

It's easy for your students to participate. Just:

- Form a team of 3-5 including at least 1 full-time student
- Choose a challenge – ExploAI or MalwAI
- Sign up on the HITB website: <https://aichallenge.cyberweek.ae>

Don't wait — Only 20 teams will compete in each challenge and the deadline to sign-up is July 31st! TIME IS RUNNING OUT!!!

Register now at: <https://aichallenge.cyberweek.ae>

We look forward to seeing you at CyberWeek! A flyer is attached for more information that can be shared with your students.



GTK Cyber LLC | 2833 Smith Avenue, Suite 127, Baltimore, MD 21209 [www.gtkcyber.com](http://www.gtkcyber.com)

[Unsubscribe manos@gatech.edu](mailto:manos@gatech.edu)

[Update Profile](#) | [About Constant Contact](#)

Sent by [info@gtkcyber.com](mailto:info@gtkcyber.com) in collaboration with

**From:** plesitoros.ro<sorincosofret@plesitoros.ro>

**Sent on:** Friday, April 27, 2018 12:16:30 PM

**To:** ENG2130<dd92@gatech.edu>

**Subject:** How making a cup of tea demolishes the entire edifice of modern science

## **HOW MAKING A CUP OF TEA DEMOLISHES THE ENTIRE EDIFICE OF MODERN SCIENCE**

As someone has already observed, although the newsletters present top notch information, the texts are adapted to be understood by children or by common people. Even in these conditions the dark minds of elite scientists seems to have difficulties in understanding the new proposed theory, but this is another story ...

This newsletter demonstrates in a simple manner that both dissociation theory and quantum theory need to be abandoned.

For the history of science these theories have to be considered regrettable and costly errors. It is necessary to implement some mechanisms in order to prevent such stupid large scale experiments for the science of the future.

From historical perspective these theories can be considered mutually complementary in their absurd claims: one predicts the apparition of charged species with a simple fingers snap and the other one assures the extinction of these species without any collateral effect with the same fingers snap trick.

[Unsubscribe](#)

The newsletter wrap up various information from different fields so I suppose it is going to be interesting for a lot of scientists.

Two new postulates are formulated:

***Postulate no.1: The generation of electric charges can be made only in special conditions and normal electrolytes cannot provide such conditions.***

***Postulate no. 2: Chemical effects at electrodes can be decoupled in certain conditions when an electric current pass through an electrolyte.***

There are seven scientific sections and here you have the titles:

*SECTION 1 WATER AUTO-IONIZATION AND QUANTUM MECHANICS*

*SECTION 2 HOW MAKING A CUP OF TEA DEMOLISHES THE ENTIRE EDIFICE OF MODERN SCIENCE*

*SECTION 3 SILENT ELECTROLYSIS EXPERIMENT*

*SECTION 4 ELECTROLYSIS AND QUANTUM MECHANICS*

*SECTION 5 FARADAYS LAWS OF ELECTROLYSIS*

*SECTION 6 ALTERNATE CURRENT AND ELECTROLYSIS*

## SECTION 7 RADIO WAVES AND ELECTROLYSIS

## SECTION 8 THE NECESSITY OF CHANGING SECONDARY SCHOOL MANUALS AROUND THE WORLD

### Unsubscribe

I am going to reproduce only some information from the last section; it contains gossip, plans, decisions and these are becoming important for the near future...

This newsletter and future newsletters are going to demonstrate that introductory school manuals have to be changed because the foundation of modern science is built on absurd concepts; in order to keep the absurdity alive all developed countries pump immense amount of money in a research which provides quite nothing.

For the history of science someone has to complete the picture with traffic of influence, personal or group interests ... and this is all the most advanced society can offer...

Probably the real change is going to come from an underdeveloped country which will choose to spend nothing on research or to change gears toward new proposed theory...

I think it is high time to psychologically prepare the people for a change and go public with some information:

***For the entire period I have intellectual rights, Nobel Foundation or any other foundation are forbidden to prize any topic developed based on this new proposed theory.***

***A research institution cannot get a license to use my theory if they are going to further support such things in a direct or indirect way; in case they do such things after receiving one, the license is going to be suspended immediately without any possibility to be acquired again.***

Personally, I have nothing against these foundation(s), but they have to learn a lesson and understand their place in the history of science.

The story with Nobel Foundation was like that:

Years ago, I asked Nobel foundation for a small support in order to perform some research projects. We were talking of a small amount of money (a few thousands euros) for materials and accommodation; in principle my intention was to perform some experiments in their laboratories (at Karolinska Institute, Stockholm University, Lund University, etc.) in order to convince them that results are real and not fakes.

At that time, they did not bother to answer me at least ....

Toward end of 2014, I started a sustained campaign of advertisement for this new theory and of course in my database there were many people from Swedish universities, research institutes and Academia.

I do not have the possibility to check now the exact date Nobel Foundation sent me an email, because I try to keep archives in various places around Europe and far away from the place I am living. In a democracy the probability to have an „unfortunate event“ is greater than probability to get assassinated in a dictatorship so I try to be cautious. I suppose it was beginning of summer 2015, when I received a short email from Nobel Foundation. In a formal approach they were suggesting me that I cannot be eligible for such a prize if I am not proposed by lead mainstream scientists.

The message was subtle: Stop revolting, enroll yourself into the crowd and the future is going to be pink...

By sure, my answer was a bitter pill for them: I asked them to stand up, back me up, to recognize their past errors and to start a new chapter of history...

Unfortunately they were not so keen to support me in my crusade and of course the answer was negative.

After about half of year I came back to them with another letter asking again for their support. In the meantime more newsletters were distributed and I hoped they changed their minds...

They did not answer to this second proposal so I assume the answer was a negative one again.

***As a matter of principle, there must be no place in the history of science for a foundation which cannot deploy few thousands euro for a scientific cause, but can deploy millions of euro to prize some questionable (for me a proper word would be nonsensical) topics in science.***

There is no place for negotiations about their future and the only thing they can get is an aristocratic death. Maybe in the last minute they will have the courage to stand up and close the boutique by themselves. They know the war is lost, and maybe it would be better to limit at least the losses a mad society think it can afford for nothing.

There is another promise for them, but that must remain away from public eye for the moment.

If we really want to be a progressist society, then it is necessary to reconsider the way we prize the results of people involved in research because they are the driven engine of the society.

The progress of society is not driven by economists who change coins or goods from a pocket to another and think they create value for society; nor is this process driven by footballers who get astronomical revenues for playing a ball.

In short time, there is going to be a clear plan for prizing real achievements in science and not only....

As I wrote in another newsletter the world's total nominal R&D (research and development) spending was approximately one thousand billions dollars for 2010 (wikipedia reference). Each year and for more than two decades, countries all over the world continued to spend such immense amount of money for a dead theory of science, although a new consistent theory has already been proposed.

The first question an organization or a state should answer: ***If this amount of money can be spent for stupidities, what has to be the price for a consistent theory of science?***

In fact things should be analyzed at a larger scale because R&D spending is only a drop in a pound.

All over the world, the entire educational process starting with secondary schools, high schools and universities has to be changed and this means an incredible much amount of money as someone can imagine.

There is a part of logistic because new manuals have to be written but even more difficult, new teachers have to be prepared to present this new information.

The most complicated thing is to face the problem of present students or those who already get a bachelor degree ....

What is the point of continuing doing this fake education, when this is going to have no value in a couple of years....

By myself, I am not in hurry to speed this process of change anymore; later the changes are made, greater my revenue is!

Later the changes are made, deepest the humiliation for mainstream elites of science is!

How shortsighted and opinionated the top mainstream scientists have become!

Maybe someone in the developed countries is going to explain them that by continuing the present way of doing things bankruptcy is inevitable ...

There are some organizations which think they are too big to fail, but this is only their infatuated impression; in reality such organizations are too small to be at least recorded in the future for doing something good for science.

The last newsletter about concept of time was delivered to 380142 people involved into scientific activities ( university teachers, researchers and students). About one third of these delivered emails haven't got their destination because some universities and research institutes are still banning my deliveries. I mention only a few of them: Princeton, Yale, Harvard, Stanford, Berkeley, CERN, University of Illinois Urbana- Champaign, University of Chicago, Northwestern University, Heidelberg University, Duke University, Columbia University, Cornell University, Rutgers University, Rice University, Imperial College London,etc.

From my point of view, the delivery has got the target: 24748 people have already opened at least once the email about time concept.

Here is a short statistic for the top readers of my newsletter.

On the first place remains John Hopkins University with 92% emails opened, i.e. 989 emails have been opened from 1065 delivered.

Georgia Tech has a greater number of opened emails, but a bit lower percentage; 1404 emails opened so far, out of 2061 emails delivered.

MIT came back and not banned my latest newsletter; 393 emails opened so far, out of 1814 delivered.

Other examples:

Bu.edu - 244 opened /751 delivered

Efpl.ch - 283 opened / 1408 delivered

Ethz.ch - 403 opened / 2143 delivered

Caltech.edu - 625 opened / 3395 delivered

Tum.de 325 opened / 3072 delivered

Neu.edu - 108 opened / 597 delivered

The list can continue, but I think it is interesting to present the case of Purdue University: here there is a big drop in emails opened for latest newsletter compared with earlier ones.

The newsletter about time concept was opened by 125 people out of 2104. The previous newsletter about Photoelectric effect and how physicists reinvented chemistry... for the second time had 469 readers out of 2104.

The reason for this „dramatical change“ is a quarrel I had with one of their top leaders there: Mark. F. Masters, Ph.D., Professor and Chair, Department of Physics, Purdue University, Fort Wayne.

After this quarrel, of course he did all he could do to ban my delivery. He is not aware at least that the only people punished by this measure are his colleagues and students.

I could not see any relevant or irrelevant paper with his name on internet so I cannot formulate an opinion about his abilities for doing real science; as consequence I am going to refrain myself only to his artistic abilities as far his personal page presents only some artistic information.

There was a time when even famous scientists were thinking that planets revolve around the Sun pushed by angels. On the personal webpage of Mr. Masters, one can find an artistic representation about time.

Here are my comments and I hope someone from Purdue would pass the message to him.

*Dear Mr. Masters,*

*Your artistic abilities are worse than your scientific ones!*

*One can accept that time flies and wings can help to symbolize this fact.*

*A tail has a complete another function, at least for a bird: it helps to do maneuver in flight.*

*Your clock cannot make maneuver and turn back in the same point of space, so even your symbolism is a fake ....*

*To be a genius and do something wrong is acceptable, but to be a mediocre and do everything wrong is pathetic.*

*Regards,*

*Sorin Cosofret*

Here is the newsletter in pdf format :

<https://www.pleistoros.com/en/newsletters>

Another newsletter about Galileo experiments is in progress .....

Best regards

Sorin Cosofret

[Unsubscribe](#)

**From:** IT Resources Newsletter<itnews@e.sys-con.com>

**Sent on:** Wednesday, August 17, 2016 3:00:00 PM

**To:** dagon@cc.gatech.edu

**Subject:** How to Combat Security Cracks; An Approach to Hybrid Cloud





**Coming in November!  
Cloud Expo**

Santa Clara, CA  
November 1-3, 2016

**Coming in November!  
Internet of  
@ThingsExpo**

Santa Clara, CA  
November 1-3, 2016

**Coming in November!  
DevOps at  
Cloud Expo**

Santa Clara, CA  
November 1-3, 2016

**Coming in November!  
Big Data at  
Cloud Expo**

Santa Clara, CA  
November 1-3, 2016

**Keynotes**

Consensys  
Opening Keynote | Introduction  
Blockchain

Ericsson  
Day 2 Keynote |  
Bringing IoT from  
Industry to Society

7Summits  
Day 3 Keynote |  
Conversational  
Things - How Ambient Devices  
Frictionless Engagement Area  
Transforming Our Lives

**Vendor Presentations**

SoftLayer  
General Session |  
IBM's Approach to  
Hybrid Cloud

Accelerite  
General Session |  
Zero to Cloud in  
60 Minutes

AppNeta  
General Session |  
Slow Is the New Down: Keep Your  
Business in Business by Ensuring  
Successful User Experiences

New Relic  
General Session |

**BROUGHT TO YOU BY:**



**[Continuous Delivery in the Enterprise](#)**

To leverage Continuous Delivery, enterprises must consider impacts that span functional silos, as well as those that touch older, slower moving components. Managing the many dependencies can cause significant challenges. See how to achieve continuous delivery in the enterprise.

[Download Now!](#)

**TODAY'S TOP TEXT LINKS YOU MUST CLICK ON!**

- » [Operationalizing Advanced Analytics on the Cloud for Quick Wins](#)
- » [Exclusive Recurly Research: The Keys to Subscriber Retention and Revenue Growth](#)
- » [Rapid Efficient Mobile App Production Driven by DevOps Practices](#)
- » [Informatica for Cloud Analytics](#)

**[Seven Extreme Employee Journey Digital Principles](#)**

**Enterprises must get digital right internally as well as externally. What does it mean to get the right?**

*By Jason Bloomberg*

(August 17, 2016) - Digital means customer preferences and behavior are driving enterprise technology, but let's not forget our employees. After all, when we say customer, we mean customer writ large: supply chain participants, and yes, those salaried denizens whose daily labor forms the cornerstone of our business.

**[How Microservices Are Transforming Python Development](#)**

**Microservices, an app architecture style that leans mostly on independent, self-contained services, is becoming the new norm**

*By Omed Habib*

(August 17, 2016) - The goal of any tech business worth its salt is to provide the best product or service in the most efficient and cost-effective way possible. This is just as true in the development of software products as it is in product design services.

**BROUGHT TO YOU BY:**

**[Exclusive Recurly Research: The Keys to S](#)**

General Session |  
Static vs  
Dynamic Cloud

Commvault  
General Session |  
Cloud Centric Data Management  
Commvault

BMC  
General Session |  
Reduce the Attack  
Surface and Protect  
Your Organization  
with BMC BladeLogic

HGST  
General Session |  
Cats Herding:  
Why It's Time for a  
Millennial Approach to Storage

### Power Panels

Cloud Power Panel  
Cloud Is Now  
Mainstream: What's a  
C-Level Rock  
Star to Do?

DevOps Summit  
Power Panel  
DevOps Patterns and  
Anti-Patterns: How to Do  
the Right Things in  
the Real World

@ThingsExpo  
Power Panel  
The IoT Is a Mess:  
That's the Good News!

### SPONSORED BY

- » IBM
- » Recurly
- » Informatica

### IOT ONLINE

- » Feature
- » Blogs
- » News

### MAGAZINES

- » Cloud Computing Journal
- » Internet of Things Journal
- » DevOps Journal
- » Big Data Journal
- » Microservices Journal
- » Virtualization Journal
- » Java Developer's Journal



### [Retention and Revenue Growth](#)

Recurly examined a sample set of 25 million transactions for subscription-based businesses. Download key subscription metrics for understanding churn, credit card declines, recovered revenue—and more—for your subscription-based IoT business

[Download Now!](#)

### [An Approach to Payment Data Security](#)

**Making PCI requirements common practice is what will help reduce the risk of sensitive payment data**

*By Jose Diaz*

(August 17, 2016) - The EMV liability shift that began in October 2015 is likely to reduce card payment volume, a double-edged sword for retailers with an online presence and those who accept mobile payments. Retailers are seeking easier routes to ill-gotten gains. Add to this the ongoing data breach environment that has become the norm, and securing payment transactions has never been more significant.

### [Email Hackers: Are You Next?](#)

**Believe it or not, passwords still matter. Authentication also matters**

*By Shelly Palmer*

(August 17, 2016) - Experts are debating whether the Democratic National Committee's (DNC) email breach was caused by the Russian military intelligence service (G.R.U.) or Guccifer 2.0, a lone wolf Romanian hacker. An important question, the answer will not change the results: over 20,000 DNC emails ended up in the hands of hackers.

### BROUGHT TO YOU BY:



### [Cloud Analytics For Dummies](#)

Cloud analytics is dramatically altering business intelligence. Some businesses will capitalize on the new technologies and gain key insights that'll help them gain competitive advantage. And others won't. As a business leader, an IT manager, or an analyst, we want to help you and the people you need to in your copy of "Cloud Analytics For Dummies," the essential guide to this explosive new space for business.

[Download Now!](#)

**EVENTS**

» Cloud Expo  
Santa Clara, CA  
Nov 1-3, 2016

» @ThingExpo  
Santa Clara, CA  
Nov 1-3, 2016

## **Digital - Design Thinking = Status Quo**

### **Importance of design thinking in digital transformation initiatives**

*By Sujoy Sen*

(August 17, 2016) - Today organizations are spending millions on digital transformation initiatives - in analytics, AI and platforms. While this is the best portfolio for them to invest in, they need to periodically evaluate the end objectives.

## **How to Combat Security Cracks Created by Collaboration**

### **The number of cyberattacks will grow as employees increasingly use collaboration tools to increase company's productivity**

*By Ram Vaidyanathan*

(August 17, 2016) - Cybercrime costs the global economy as much as \$450 billion each year. And cybercrime has increased by nearly 200% in the last five years. Meanwhile, collaboration has become successful organizations. But collaboration often comes with a risk.

## **Monitoring Kafka on Docker Cloud**

### **Docker Cloud is the best service for Docker container management and deployment**

*By Stefan Thies*

(August 17, 2016) - Pygmalios helps companies monitor how customers and staff interact in real-time. The platform tracks sales, displays conversions, customer and staff behavior to deliver better service, track check-outs and the optimal amount of staffing for a given time and location.

You are currently subscribed to 8-17-2016-it-newsletter-1 as: dagon@cc.gatech.edu To unsubscribe to this list only, send a blank email to: leave-712228-51695994N  
To stop receiving special offers from our partners, but to keep receiving your digital edition and newsletter subscriptions, [click here](#). To unsubscribe from all SYS-CON Media, including special offers and your digital edition and newsletter subscriptions, [click here](#).

**SYS-CON Media**

577 Chestnut Ridge Road  
Woodcliff Lake NJ 07677  
201-802-3020

**From:** Reid, Recha R<recha.reid@gatech.edu>  
**Sent on:** Friday, January 21, 2022 8:29:37 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Human Subjects Research 101: an IRB presentation on Tuesday, January 25 at 11:00 AM

Hi Manos

We would like to invite your student(s) to the upcoming **Human Subjects Research 101: an IRB presentation on Tuesday, January 25, from 11:00 AM - 12:00 PM**. Planning to conduct research with human subjects? Want to find out more about how to successfully submit an IRB proposal? Don't miss this virtual event.

Register at <https://bit.ly/IRBpresentation>.

Let me know if you have any questions.

Sincerely

Recha

*(Pronounced as Reesha)*

[\[She/Her/Hers\]](#)

---

Recha Reid

Assistant Director

**Student Innovation&Undergraduate Research**

Office of Undergraduate Education

Georgia Institute of Technology

[recha.reid@gatech.edu](mailto:recha.reid@gatech.edu)

[innovation.gatech.edu](http://innovation.gatech.edu) | [urop.gatech.edu](http://urop.gatech.edu)

404.385.5379 (o) | 404.348.8313 (c)

[Connect with me on LinkedIn](#)

[Join the GTInnovation Slack channel](#)

**Appointments:**

[link to set up a virtual or in-person meeting with me](#)

Advisor to student groups [Startup Exchange](#), [HackGT](#), [Black Market](#), [CaribSA](#), [the Tower](#), and [URA](#). Let me know if you wish to connect and support any of these organizations.

Georgia Tech's representative on the [Georgia University Entrepreneurship Initiative](#).

Ask me about GT's [VIP VoterTech course](#).

**Make testing part of your weekly routine. Register at [mytest.gatech.edu](http://mytest.gatech.edu) #JacketsProtectJackets**

**From:** Texplained<newsletter@texplained.com>  
**Sent on:**Friday, September 6, 2019 1:50:25 PM  
**To:** manos@cc.gatech.edu  
**Subject:**IC Reverse Engineering Live at hardware.io



MEET US IN EUROPE & UAE!  
SEPTEMBER 26-27  
OCTOBER 13-15

Since its creation and for the 5th time,  
Texplained will participate to Hardwear.io in The Hague

*Training + Booth*

=

*Enter the IC Reverse Engineering and data extraction world*

**See a live Demo of ChipJuice!**  
**And discover how Reverse Engineering an IC can be smooth and efficient**

# IC REVERSE ENGINEERING & CODE DUMP

2 SESSIONS:

Follow our 3-days training held at

[Hardwear.io - The Netherlands - 23-25 September 2019](#)

[& Hack in The Box - Abu Dhabi - 13-15 October 2019](#)



[Register for European Session](#)





[Register for UAE Session](#)

By following Olivier's course, you will know more about how to:

- Recover ICs internal architectures

- Recover ICs internal architectures
- Evaluate the efficiency of existing countermeasures
- Extract NVMs contents (ROM & Flash), in order to analyze and evaluate the security of the embedded firmware, and extract secret information

[Download Training Program](#)

## ASK FOR A LICENCE OF CHIPJUICE

You are a:

- LEA/ Governmental Organization
- Chip Maker
- IC Buyer& Integrator
- Evaluation laboratory
- Pen tester
- Researcher in Hw / Sw Security

=> ChipJuice is the tailored solution for you for **Hardware and Firmware Data extraction** from any IC

[Contact us for further information on ChipJuice Licensing](#)

ChipJuice is made for you if you are involved in:

- Digital ForensicsActivities
- Backdoorresearch – Supply Chain Assessment
- HardwareArchitectureAnalyses
- SecurityAssessments
- Technology intelligence
- DigitalIP infringementinvestigations
- Pirate devicesAnalysis
- Obsolete devicesRecovery
- Educationon semiconductors
- ...

[Download ChipJuice Updated Presentation](#)

## LAB SETUP SERVICES

Texplained advises & supports you  
To build your own Sample Preparation **Facilities**  
& Ramp up in Depackaging, Delayering and Imagery **Expertise**

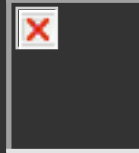
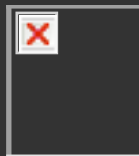
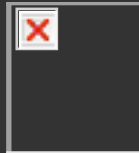


Ask for our tailored services to become autonomous in  
Preparing chips for their Reverse Engineering

**Ask For a Tailored Quotation For Your Own Lab Setup**

# Happy to help!

If you have any question, feel free to answer this email  
or call us +33 489 688 320.



*Copyright © 2019 Texplained, All rights reserved.*

As a technology lover, we believed that you might want to stay tuned to our news feed!

**Our mailing address is:**

Texplained  
1 traverse des Brucs  
Valbonne 06560  
France

[Add us to your address book](#)

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#).

**From:** IEEE Member Benefits Bulletin<ieee@deliver.ieee.org>

**Sent on:** Thursday, August 27, 2020 12:10:13 PM

**To:** manos@gatech.edu

**Subject:** IEEE Awards, More Contests, Entrepreneurship Office Hours and More!

To view this email as a web page, [click here](#)

# IEEE MEMBER BENEFITS BULLETIN

17 August 2020

As an IEEE Member, you have access to an exclusive library of educational and technical resources at your fingertips. Each week, we compile the most popular content from around IEEE to help you stay on top of your career and connect with the best technology professionals around the world.

Here are some of the highlights for this week:

- Meet the [IEEE Awards Recipients on IEEE.tv](#)
- Enter the [IEEE Into Focus Photo Contest](#)
- Access our [Entrepreneurship Office Hours Program](#)

You can [access previous editions of this newsletter](#) on *IEEE Spectrum*.

## SHARE YOUR MEMBER EXPERIENCE

What does being an engineer mean to you?

TELL US

## IEEE.tv Awards Channel Hosts Recipient Videos

Watch videos about IEEE's highest award recipients and learn more about their accomplishments on the Awards Channel.

[Watch the videos](#)

### Ralph Hogan: Using “Quiet Persuasion” to Further Public Understanding about Engineering



Senior Life Member Ralph Hogan is the recipient of this year's IEEE-USA Award for Distinguished Contributions. In this article, writer Helen Horwitz finds out about Mr. Hogan's impressive achievements including spearheading a rewarding partnership between the Phoenix IEEE Section and a local station.

[READ MORE](#)

**July Winner for IEEE Into Focus Photo Contest**



Sai Sahaas became a part of the IEEE family about two years ago.

"It has definitely taken me to places which I hadn't imagined. Be it attending international conferences, building my network or having the pleasure of conducting events at college to help people gain knowledge. This picture reflects how motivating it can be for a person in his 3rd year of engineering, receiving accolades from a person working at a prestigious organization like the Indian Space Organization (ISRO). It's not always about the accolades, but they always help in motivating a person to a higher level. I will forever be in debt to what IEEE has given me."

— Sai Saahas, Student Member

## Enter the IEEE Into Focus Photo Contest

Send us photos of what you think represents your experience as a member. We want to know what IEEE means to you. Not only is there a chance you could see your photos in future IEEE communications, but you also have the chance to win a US\$50 Amazon gift card.

[Enter the contest](#)

**Free e-Book: Boosting Team Creativity**



In a highly-competitive economy, creativity is rocket fuel. It can change your business, give it a new perspective, and re-envision its path. In this e-Book (free for IEEE members), author Harry T. Roman gives suggestions to help cultivate creative energy in your team and keep your business going strong.

---

[DOWNLOAD](#)



## FEATURED FROM IEEE SPECTRUM

### Rapid, Affordable, High Quality COVID-19 Tests Still Scant

Independent evaluations of 41 rapid COVID-19 tests shows only one passes muster.

### Artificial Antibodies Bolster Hope for Inhaled Coronavirus Treatment

Could the next big coronavirus treatment breakthrough come in the form of an inhaler or a nasal spray instead of a shot or a pill?



## FREE UPCOMING WEB EVENTS

**From Contact to Credibility: A Conversation about Trusted Autonomous and Intelligent Systems Certification for COVID-19 and beyond**

11am (EST)

**STEM Outreach: TryEngineering Lesson Plan Toolkit**

12pm (EST)



## CAREER AND EDUCATION RESOURCES

### Win Cash Prizes with the Free Data Competition

The IEEE Computational Intelligence Society (IEEE-CIS) presents its [second technical challenge on IEEE DataPort](#). Winners will be invited to present their solution at the [2020 IEEE Symposium Series on Computational Intelligence \(SSCI\)](#) in Canberra, Australia.

[Enter the contest](#)

### Market Your Business During a Pandemic in Five Ways

Every organization, no matter how big or small, is facing new and unprecedented challenges and uncertainty this year. Guest contributor Andrea Mueller offers some helpful and timely tips for how to adapt and market your business in the midst of this new normal.

[Find out how to market your business](#)

### IEEE Entrepreneurship's Founder Office Hours Program

Are you a startup or struggling to get to the next level? Do you have a business idea that needs just a little push? Connect with a mentor via IEEE Entrepreneurship's Founder Office Hours Program, a free resource available to IEEE Members!

[Apply now](#)

**Browse More of Your IEEE Member Benefits!**



---

**We would like to express our concern and support for all the members of the IEEE community and others affected by this crisis.**

**Thank you for being an IEEE member.**



[Website](#) | [Privacy Policy](#) | [Contact](#) | [Unsubscribe](#)

© Copyright 2020 IEEE All rights reserved.

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.



**From:** IEEE<deliver@ieee.org>  
**Sent on:** Thursday, July 11, 2019 7:12:46 PM  
**To:** manos@gatech.edu  
**Subject:** IEEE Member Benefits Bulletin: July 2019

To view this email as a web page, [click here](#)

IEEE

# MEMBER BENEFITS BULLETIN



July 2019

---

Get more out of your IEEE membership by visiting the [IEEE Benefits Finder](#). Your custom results page will render a list of key IEEE member benefits that can help you accelerate your career plans and grow as a technology professional.

Have a question? [Ask an IEEE staff member](#) a question about your member benefits.

## □ CAREER RESOURCES

### Manage Your Research Data

IEEE is proud to introduce you to **IEEE DataPort™**, a valuable, easily accessible data platform that can significantly enhance your research efforts. Upload and store standard or open-access datasets for free with the option to link your paper submission.

Further benefits include:

- 2TB of storage for datasets, scripts, visualizations, related documentation
- Provides Digital Object Identifier (DOI)
- Can support and facilitate Data Challenges
- And more

As a valued IEEE member, you are currently entitled to a FREE automatic subscription to IEEE DataPort, which provides access to all IEEE DataPort datasets. Log in using your IEEE Account and start realizing the benefits of IEEE DataPort.

[> Try IEEE DataPort](#)

## Claim Your IEEE.org Email Alias

Did you know that you can set up your own **@ieee.org email address**? After you create and claim your alias, activate your IEEE-branded Gmail account or set up mail forwarding services. In addition, you will have access to GoogleDrive, advertisement-free Gmail, 30 gigabytes of shared storage, and a 99.9% up-time guaranteed by Google.

[> Claim your alias](#)

## Tips for Successful Online Networking

Networking, it's all about who you know. The IEEE Member Directory, accessed through IEEE Collabratec®, puts you in touch with more than 300,000 IEEE members around the world.

An exclusive member benefit, the **IEEE Member Directory** is visible to active IEEE members. To build your professional network:

- Have an idea of the types of people you want to have in your network
- Share or comment on a topic you know
- Become a thought leader in your industry, share your expertise

[> Build your network](#)

*Sponsor*

Thank you to the charter sponsor of IEEE Collabratec.



## Become a Mentor Today

Tasks that seem simple to you now may be a complete mystery to someone who is just starting out their career. Mentoring relationships are a shared opportunity to learn and grow. Many

---

mentors say that the rewards they gain are as substantial as those for their mentees.

As a mentor you have the opportunity to help shape a career and assist a mentee with:

- Setting career goals and creating a path to achieve them
- Guidance on building a professional network
- Resources on finding a job, interviewing, and building a professional CV/resume

[> Sign up to mentor](#)

## Free Audio Book

**Rewarding Your Employees in Tight Economic Times-**

**Vol. 2: Some Additional Techniques**

July's free audio book for members exams the age-old dilemma every manager faces; how to reward key employees on a tight budget. In this second volume, **Rewarding Your Employees in Tight Salary Times—Volume 2: Some Additional Techniques**, author Harry T. Roman offers strategies, tips and techniques for rewarding key people.

[> Download the Free Audio Book](#)

## ❏ DISCOUNTS

### Exclusive, Time Sensitive Discounts

**Member Discounts Marketplace**, a new feature of IEEE Member Discounts, offers exclusive, time-sensitive discounts on products and services. You won't see these deals advertised anywhere else. Look for "Marketplace" banners when you login to IEEE Collabratec or [IEEE.org/discounts](http://IEEE.org/discounts). Check back often, for new offers.

[> Access your discounts](#)



# Discover What IEEE Member Discounts Can Offer You

IEEE members can access more savings in more places for home and office, including; group discounts on insurance, travel, home/office and technology needs. You focus on your career, we will take care of saving you money. See vendor details for terms, conditions and availability.

[> Your IEEE Member discounts](#)

## 35% Discount on All Wiley Books

Receive a 35% discount on All Wiley Books! The Wiley book collection, which includes all titles from Wiley-IEEE Press, spans numerous content areas, including bioengineering, power and energy, and communication technologies, among other growing areas of research. Sign in using your IEEE member account and the discount code will appear on the next page. The code does not expire and has unlimited use.

[> Get the discount code](#)

## □ TECHNICAL CONTENT

### Get Access to IEEE Content

The **IEEE Member Digital Library** brings IEEE members exclusive, instant access to IEEE journals, magazines, transactions, letters, and conference proceedings through a monthly subscription. Access the information you need from the full range of IEEE publications with a monthly subscription to the IEEE Member Digital Library including more than:

- 4.5 million technology articles
- 192 journals, magazines, transactions, and letters
- 1,700 conference proceeding titles

[> Learn more](#)

## Expand Your Knowledge Base

IEEE invites you to explore society Resource Centers and utilize valuable content that is provided such as tutorials, conference videos and slides. All material is consolidated in one location and made available to Society members for FREE.

Material is organized by content type and is user friendly, making it very easy to locate. Now you can go to your **IEEE Society Resource Centers** to find and view content that will help you expand your knowledge base.

[> Learn more](#)

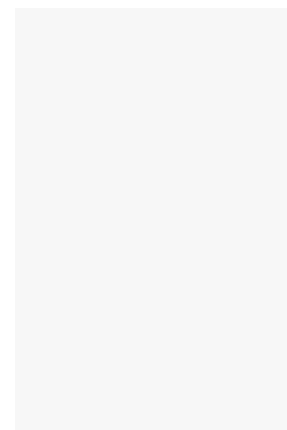
## Download eBook Classics

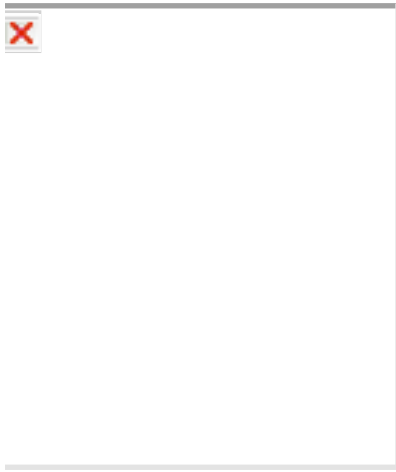
You can access more than 350 eBook Classic titles, available from the IEEE Press collection through IEEE *Xplore*, at no additional cost. The eBook collection spans a number of today's technologies across 15 different content areas, and includes; Practical handbooks, introductory and advanced texts, reference works, and professional books.

1. Sign in to IEEE *Xplore* using your IEEE Account.
2. Under the "Browse" heading in the left-hand navigation, click on "Books."
3. Select the "Classics" tab from the top of the page. Under this tab you will find a listing of all the free titles.

[> Sign in to IEEE \*Xplore\*](#)

## Your Recommended Videos





Kurt Petersen: 2019 IEEE Medal of Honor Recipient

[Watch the video](#)



Ted Tours: Brooklyn 5G Summit 2019

[Watch the video](#)



Self-Driving Buses: Mini Project

[Watch the video](#)

## MEMBER RECOGNITION

### Print Your Membership Certificate

Display your membership proudly, with your own IEEE Membership certificate. Every active member has access to this for the current membership year. The link is located in IEEE Collabratec. After signing in, and clicking on your profile image in the upper right hand corner, you will find the Member Certificate link. A color certificate, that features your name, grade and year, will automatically be generated and ready to print.

[> Print certificate](#)

### IEEE Members in the News

[12 Red Flags Someone Is Spying on Your Phone](#) (Reader's Digest)

*12 May 2019* - "IEEE Member **Kayne McGladrey** discusses the top signs that a consumer's phone might have been hacked and the steps that can be taken to secure personal information if a hack is suspected."

## [IoT sensors unlocking hyper-local environmental insights](#) (ZDNet)

*17 May 2019* - "IEEE Member **Todd Richmond** discusses the Hyper-Local Air Quality project, which is being conducted in partnership with Pardee RAND, and what the rise of IoT-based sensors and big data might mean for the future of environmental monitoring."

## IEEE Members Make History

IEEE members have shaped the course of technical evolution. On this 10th anniversary of **IEEE Day**, we want to recognize and honor all of the major technical achievements that revolutionized the world as we know it today.

Let's celebrate past milestones and look forward to future milestones by letting the world know that IEEE members make history. The winning videos from each Region will be featured on the IEEE.org home page and social media on IEEE Day.

[> Learn more about the contest](#)

## FOOTSTEPS: IEEE's Commemoration of Human Space Travel

The **IEEE History Center** is leading "FOOTSTEPS: IEEE's Commemoration of Human Space Travel." This July will be the 50th anniversary of humans landing on the moon. Many technologies within IEEE's fields of interest were crucial to space travel. IEEE will celebrate and publicize contributions made by members to these achievements.

The History Center is collecting the first-hand accounts of IEEE members involved in space technology. Space-related IEEE Milestones include:

- Project Diana, 1946
- LURE Lunar Ranging Experiment, 1969
- Parkes Radiotelescope, 1969

[> Find out how to participate](#)

From: Mr. Philippe Le Houérou <[REDACTED]>  
Sent on: Sunday, January 30, 2022 9:28:31 AM  
To: <undisclosed-recipients;>  
Subject: IFC Relief Funds Approved.

--  
Congratulations!

We are pleased to announce that your EMAIL ADDRESS has been selected to receive \$ 1,500,000 under the IFC Global Development Funding Program. It was agreed and signed by the management team of the International Finance Corporation (IFC) and the Board of Directors of the World Bank Group and UBA Group. The reference number of your file is (IFC-060290\_EC).

All beneficiaries were selected through the IFC Global Random Integrated System, which has received more than 27 million e-mail addresses on the Internet. The lucky beneficiaries do not need to buy a ticket to participate in this IFC Global Development Funding program. Include your full details, such as your name and phone number: Age: Gender: Address and your file reference for processing and disbursing your IFC Global Development Fund. You are to receive your funding through a certified VISA ATM Card. With this VISA Card you can withdraw money from any part of the World without being disturbed or delay. Contact Mrs. Onari Duke with your code: IFC-060290\_EC for more information.

Card Issuing Bank: UBA Group  
Contact Name: Mrs. Onari Duke  
Email: [REDACTED]

We hope to hear from you as soon as you receive payment for the IFC Global Development Fund.

Greetings,  
Mr. Philippe Le Houérou (Chairman of IFC)

\*\*\*\*\*  
NOTE: If you have received this message in your SPAM / BULK folder because your ISP has introduced restrictions, we (IFC Team) kindly ask you to handle it.  
\*\*\*\*\*  
\*\*\*\*\*

**From:** Lee, Wenke<wenke@cc.gatech.edu>

**Sent on:** Monday, November 27, 2017 6:56:53 PM

**To:** Boldyreva, Alexandra O<sasha@gatech.edu>; Kim, Taesoo<taesoo@gatech.edu>; Ahamad, Mustaque<mustaq@cc.gatech.edu>; Orso, Alessandro<orso@cc.gatech.edu>; Liu, Ling<ling.liu@cc.gatech.edu>; Chau, Duen Horng<polo@gatech.edu>; Song, Le<lsong@cc.gatech.edu>; Prvulovic, Milos<milos@cc.gatech.edu>; Zajic, Alenka<alenka.zajic@ece.gatech.edu>; Beyah, Raheem A<rbeyah@ece.gatech.edu>; Saltaformaggio, Brendan D<brendan@ece.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Grijalva, Santiago C<sgrijalva@ece.gatech.edu>; Meliopoulos, A P<sakis.m@gatech.edu>; Swire, Peter P<Peter.Swire@scheller.gatech.edu>; Chava, Sudheer<sudheer.chava@scheller.gatech.edu>; Mooney, Vincent J<mooney@ece.gatech.edu>; Anton, Ana I<aa16@gatech.edu>; Mueller, Milton L<milton@gatech.edu>; Klein, Hans K<hans@gatech.edu>

**CC:** Doan, Trinh T<trinh.doan@iisp.gatech.edu>; La Bouff, Tara<tara.labouff@iisp.gatech.edu>

**Subject:** IISP Fellowship (application due 11/30) - opportunity for your Ph.D. students

Hello all,

Ph.D. students in your area with a strong interest in cybersecurity are eligible to apply for the IISP Cybersecurity Fellowship award. This program provides financial grants on a per-semester basis to students with unfunded or under-funded research ideas.

The application for Spring '18 awards is this **Thursday, Nov. 30**.

<http://www.iisp.gatech.edu/cybersecurity-fellowship-program>

We sent notice to approximately 225 Ph.D. students earlier this month, but we encourage you to also make them aware of the opportunity. A successful award can help you and your student pursue additional projects or expand the scope of current research beyond what is possible today.

We hope you'll consider this opportunity for your students. Please direct any additional questions to Trinh Doan or I.

Thank you,

Wenke

From: Wenke Lee [REDACTED]

Sent on: Wednesday, September 13, 2017 9:26:43 PM

To: Gregory D Abowd <abowd@gatech.edu>; Manos Antonakakis <manos@gatech.edu>; Annie I. Anton Ph.D. <aa16@gatech.edu> (aa16@gatech.edu) <aa16@gatech.edu>; Mostafa Ammar <ammar@cc.gatech.edu>; Raheem A. Beyah <rbeyah@ece.gatech.edu>; Bader, David <bader@cc.gatech.edu>; Alexandra Boldyreva <sasha@gatech.edu>; Polo Chau <polo@gatech.edu>; Chava, Sudheer <sudheer.chava@scheller.gatech.edu>; Constantine Dvrolis <constantine@gatech.edu>; seymour goodman <seymour.goodman@inta.gatech.edu>; Harris, William R <wharris@gatech.edu>; Taesoo Kim <taesoo@gatech.edu>; Hans Klein <hans@gatech.edu>; Ling Liu <ling.liu@cc.gatech.edu>; Meliopoulos, A P <sakis.m@gatech.edu>; Vincent Mooney <mooney@ece.gatech.edu>; Mueller, Milton L <milton@gatech.edu>; Niculescu, Marius <Marius.Niculescu@scheller.gatech.edu>; Alex Orso <orso@cc.gatech.edu>; Pande, Santosh <santosh.pande@cc.gatech.edu>; milos <milos@cc.gatech.edu>; Brendan Saltaformaggio <brendan@ece.gatech.edu>; Peter Swire <Peter.Swire@scheller.gatech.edu>; Zajic, Alenka <alenka.zajic@ece.gatech.edu>; Russ Clark <russ.clark@gatech.edu>; Lummis, Jimmy <jimmy.lummis@security.gatech.edu>; Mustaque Ahamad <mustaq@cc.gatech.edu>; ejc@gatech.edu; Husbands Fealing, Kaye G <khf@gatech.edu>; joe.bankoff@inta.gatech.edu BANKOFF <joe.bankoff@inta.gatech.edu>; Lance Fortnow (fortnow@cc.gatech.edu) <fortnow@cc.gatech.edu>  
CC: La Bouff, Tara <tara.labouff@iisp.gatech.edu>  
Subject: IISP Welcome Back

Folks,

Please join me this Thursday at 12:30 for a Welcome Back reception with cybersecurity students and faculty from CoC, ECE, PUBP, INTA, and Scheller. As cybersecurity expands across campus, we encourage those who are active to meet and connect with other disciplines.

Additionally, Chris Klaus and Musheer Ahmed – two entrepreneurial successes from Georgia Tech's computer science program – will be with us to share their motivational stories with students. Your students are encouraged to meet Chris and Musheer, who each successfully commercialized a research idea. They will be on site to encourage today's students to pursue a similar path. This year, Georgia Tech graduate students can win prizes worth \$125,000 under the IISP Cybersecurity Demo Day – thanks in part to Chris and Create-X as well as the NSF. (Please see my email from Sept. 7 or visit <http://cyber.gatech.edu/cyber-demo-day> )

We hope to see you and your students there, Thursday at 12:30. RSVP here.

Thank you,

Wenke

**From:** Cognella Academic Publishing<adopt@cognella.com>  
**Sent on:** Friday, November 13, 2020 2:45:42 AM  
**To:** manos@gatech.edu  
**Subject:** Innovative leadership textbook for engineering students

If you are unable to see the message below, [click here to view](#).



Professor Antonakakis,

As the world grapples with the realities of COVID-19, the concepts of work and the workplace are changing before our very eyes. The processes involved in securing a job, continuing one's education, and working with colleagues toward a common goal continue to become more complex and increasingly dependent upon collaboration.

In order for engineering students to meet these unique challenges, they must adopt a leadership methodology that allows them to build trusting relationships, refine their people skills, and harness their intellect and energy to solve workplace and global challenges.



***Leadership's 4th Evolution: Collaboration for the 21st Century*** written by Dr. Edward Marshall, a professor of leadership at Duke University's Pratt School of Engineering, details why collaborative leadership is the new standard for leadership success in the workplace. At the individual level, the book grounds them in their core values and principles through a collaborative leadership journey and provides them with the people skills they need to be resilient and effective in the face of dramatic change.

As future team members and leaders, this book provides students with a template for creating and sustaining collaborative teams. At the organizational level, it offers them a roadmap for implementing successful change by fully engaging the workforce. Also, recognizing students will be working in a globally connected world, the book provides



them with a framework for how to become a global leader who addresses the critical issues we all face.

Learn more about *Leadership's 4th Evolution* and its unique value proposition for students of engineering:

<https://cognella.com/titles/leaderships-4th-evolution-engineering-students>

To preview the book, request a digital review copy, review available format options, and learn about teaching resources available to instructors who use the book in their courses, and more, visit:

<https://titles.cognella.com/leadership-s-4th-evolution-9781516598465>

## ABOUT COGNELLA

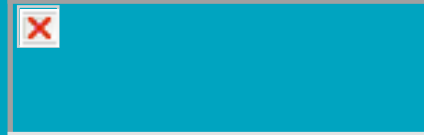
We're committed to publishing relevant learning materials by partnering with instructors and professionals to transform their ideas into innovative educational resources.

Learn more at [www.cognella.com](http://www.cognella.com)

3970 Sorrento Valley Blvd., Suite 500

San Diego, CA 92121

858-552-1120



An imprint of Cognella  
© 2020 | All Rights Reserved

If you'd rather not receive future emails from Cognella, [please unsubscribe](#).

From: Schneck, Christopher J <cjschn3@cybercom.mil>

Sent on: Tuesday, June 15, 2021 2:32:19 AM

To: 'Antonakakis, Manos' <manos@gatech.edu>; Kline, Allison <allison.kline@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

CC: Beyah, Raheem A <rbeyah@coe.gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>

Subject: RE: [Non-DoD Source] Final EA PI meeting at GT + GEN Stanton Keynote Opportunity

Ok, I'll talk to Allison and confirm. It looks like our target should be 30/31 Aug.

-----Original Message-----

From: Antonakakis, Manos <manos@gatech.edu>

Sent: Monday, June 14, 2021 9:11 PM

To: Kline, Allison <allison.kline@darpa.mil>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

Cc: Beyah, Raheem A <rbeyah@coe.gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>

Subject: [Non-DoD Source] Final EA PI meeting at GT + GEN Stanton Keynote Opportunity

Hey Allison and Chris,

Per your request I have been able to secure the permission to host the EA PI meeting in GT at the end of August from the GT leadership CCed. Dr. Beyah (Dean of CoE) and Dr. Abdallah (EVP of Research of GT) should be able to link Chris and the DARPA stuff with the right people in GT to find the exact location (regarding size) and handle any special audio/visual requests you might have for the UNCLASSIFIED space necessary.

Finally, and per our discussion with Chris I was to investigate the possibility of having GEN Stanton give the opening keynote for this last PI meeting. I just got a message from him (through Ed) and his message was:

#####

Sure, but schedule getting tight:

- 16-20 Aug is Technet Augusta, for which I will have significant responsibilities.
- 25-26 Aug is the Senior Leader Readiness Forum, which may require travel to NCR.

I want to know when asap.

#####

So, if we want him to give us the keynote we need to do two things:

- Pick a day outside the 16-20 Aug and 25-26 Aug.
- Communicate that date to him asap.

Chaouki/Raheem, can we please link our people with DARPA so we can converge on a date for this last EA PI event and communicate this to GEN Stanton asap?

Thanks,

-

Manos Antonakakis, Ph.D. | manos@gatech.edu College of Engineering Dean's Professorship Chair and Associate Professor Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS) School of Electrical and Computer Engineering | Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>>  
>> Tim Fuhrman, Investigator, Department of Justice  
>> 202-616-1470 (Office)  
>> 202-307-2388 (Alternate Office)  
>> 202-532-3557 (Cell)

>>  
>>  
>> From: Fuhrman, Timothy J. (MO) (FBI) <TJFUHRMAN@fbi.gov>  
>> Sent: Monday, June 29, 2020 12:49 PM  
>> To: [REDACTED]  
>> Subject: Possible Interview

>> Mr. Dagon- as you may recall, I contacted you several months ago on behalf of the US Department of Justice (DOJ). At that time you indicated that you did not believe either Georgia Tech or the Department of Defense (DOD) entity funding your research would authorize you to be interviewed about the matters that are of interest to us. After numerous discussions with the DOD entity and Georgia Tech's Office of General Counsel, we have been advised that neither organization objects to an interview of you as part of our work.

>> As I mentioned to you previously, our investigation has found that you have knowledge relevant to it. To that end, we believe that you are a witness who can provide valuable information to advance our investigation.

>> I would ask that you kindly contact me at 202-532-3557 (Cell); 202-6161470 (DC Office); or 251-415-3298 (Temporary office in Mobile, AL) so that we can schedule an interview with you. Thank you in advance for your cooperation. Timothy Fuhrman, Investigator, DOJ

>>  
>>  
>> ----- End forwarded message -----

>>  
>> --  
>> David Dagon  
>> [REDACTED]  
>> D970 6D9E E500 E877 B1E3 D3F8 5937 48DC 0FDC E717

>

From: dagon [REDACTED]  
Sent on: Monday, July 6, 2020 8:18:01 PM  
To: Wasch, Kate <kate.wasch@legal.gatech.edu>  
CC: Antonakakis, Manos <manos@gatech.edu>; Nie, Ling-Ling <linglingnie@gatech.edu>; Connolly, Robert <robert.connolly@police.gatech.edu>  
Subject: Re: [Tim.Fuhrman@usdoj.gov: FW: Possible Interview]

On Mon, Jul 06, 2020 at 07:11:20PM +0000, Wasch, Kate wrote:

> Of course. I'm happy to have a conversation.

Thanks everyone. Kate, is there a time I might call?

--

David Dagon

[REDACTED]  
D970 6D9E E500 E877 B1E3 D3F8 5937 48DC 0FDC E717

**From:** "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
**Sent on:** Tuesday, June 29, 2021 9:09:29 PM  
**To:** Cabrera, Angel <angel.cabrera@gatech.edu>  
**CC:** Beyah, Raheem A <rbeyah@coe.gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>; Lever, Charles C <chazlever@gatech.edu>  
**Subject:** Re: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

Dear Angel,  
This is a case where

---

**From:** Lever, Charles C <chazlever@gatech.edu>  
**Date:** Tuesday, June 29, 2021 at 4:05 PM  
**To:** Sibble, Dan <Dan.Sibble@osp.gatech.edu>  
**Cc:** Antonakakis, Manos <manos@gatech.edu>, Lever, Charles C <chazlever@gatech.edu>, Garrison, William R <wgarrison7@gatech.edu>, Mitchell, Michael F <michael.mitchell@ece.gatech.edu>, Beyah, Raheem A <rbeyah@coe.gatech.edu>, Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Subject:** Re: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

Hi Dan,  
Is there an ETA on when this will get done? We really need to get this out the door no later than tomorrow morning or money will start disappearing.

On Jun 29, 2021, at 3:37 PM, Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)> wrote:

Good Afternoon,

As a function of the compliance matters included in the terms (DFARs 252.204-7012, Safeguarding Covered Defense Information & Cyber Incident Reporting as well as 252.204-7000, Disclosure of Information) the SSP and TCP (per institute policy) must be in place before institute signoff can occur. I am currently working to establish the status of two compliance requirements needed for OSP sign-off. The first item is the SSP. I have Leon confirming from the Cyber Security Compliance Team's perspective that this program can be appropriately covered under the subject lab-wide plan cited earlier. I have asked Leon to advise as soon as possible. The second compliance item pending is the Technology Control Plan (TCP). I spoke with OSP Leadership earlier this afternoon to apprise them of the status of the award and the pending items needed to obtain institute signoff.

As soon as I have confirmation on the completion of the (2) institute compliance requirements above I will promptly advise and seek OSP signoff of the subject award document.

V/r,

Dan

**Dan Sibble**

**Contracting Officer**

Office of Sponsored Programs

Georgia Institute of Technology

926 Dalney Street, N.W.

Atlanta, GA 30318

Ph: 404-987-6809

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Sent:** Tuesday, June 29, 2021 2:51 PM

**To:** Lever, Charles C <[chazlever@gatech.edu](mailto:chazlever@gatech.edu)>; Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>

**Cc:** Garrison, William R <[wgarrison7@gatech.edu](mailto:wgarrison7@gatech.edu)>; Mitchell, Michael F <

[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Beyah, Raheem A <[rbeyah@coe.gatech.edu](mailto:rbeyah@coe.gatech.edu)>; Abdallah, Chaouki T <[ctabdallah@gatech.edu](mailto:ctabdallah@gatech.edu)>

**Subject:** Re: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029  
Can we please finalize this?

Thanks, Manos

---

**From:**Lever, Charles C <[chazlever@gatech.edu](mailto:chazlever@gatech.edu)>  
**Date:**Tuesday, June 29, 2021 at 1:59 PM  
**To:**Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>  
**Cc:**Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>, Garrison, William R <[wgarrison7@gatech.edu](mailto:wgarrison7@gatech.edu)>, Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>  
**Subject:**Re: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

Hey Dan,  
Any updates?

On Jun 29, 2021, at 9:18 AM, Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)> wrote:

Excellent. Thanks Manos!

Dan

**Dan Sibble**

**Contracting Officer**

Office of Sponsored Programs

Georgia Institute of Technology

926 Dalney Street, N.W.

Atlanta, GA 30318

Office: 404-894-6947

Mobile: 404-987-6809

---

**From:**Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Sent:**Tuesday, June 29, 2021 8:53 AM

**To:**Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>; Lever, Charles C <

[chazlever@gatech.edu](mailto:chazlever@gatech.edu)>; Garrison, William R <[wgarrison7@gatech.edu](mailto:wgarrison7@gatech.edu)>

**Cc:**Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>

**Subject:**Re: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

We do.

William can provide you the SSP plan if necessary. It is the same we sent OSP for HACCS, 5G and EA.

---

**From:**Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>

**Sent:**Tuesday, June 29, 2021 08:19

**To:**Lever, Charles C

**Cc:**Mitchell, Michael F; Antonakakis, Manos

**Subject:**RE: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

As a follow up, can you confirm whether or not your lab is under a Lab-wide System Security Plan (SSP)?

Best,

Dan

Dan Sibble

Contracting Officer

Office of Sponsored Programs

Georgia Institute of Technology

926 Dalney Street, N.W.

Atlanta, GA 30318

Office: 404-894-6947  
Mobile: 404-987-6809

-----Original Message-----

From: Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>  
Sent: Tuesday, June 29, 2021 8:11 AM  
To: 'Lever, Charles C' <[chazlever@gatech.edu](mailto:chazlever@gatech.edu)>  
Cc: Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
Subject: RE: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

Good Morning,

I received the current contract draft at the end of last week. I am working it through our internal routing chain and I hope to have it clear for return shortly.

I will provide another status update this afternoon.

Best,

Dan

Dan Sibble  
Contracting Officer  
Office of Sponsored Programs  
Georgia Institute of Technology  
926 Dalney Street, N.W.  
Atlanta, GA 30318  
Office: 404-894-6947  
Mobile: 404-987-6809

-----Original Message-----

From: Lever, Charles C <[chazlever@gatech.edu](mailto:chazlever@gatech.edu)>  
Sent: Monday, June 28, 2021 4:38 PM  
To: Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>  
Cc: Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
Subject: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

Hi Dan,

I reached out to DARPA and got word from the PM that DARPA is still waiting on forms to be signed and sent back by GT. We had some points of clarification in April that were addressed by Michael and myself. What's the current hold up? The PM really needs these forms back by tomorrow, or it's likely we will start losing money due to changes in DARPA budgets. What do we need to do to make this happen?

--

Dr. Charles (Chaz) Lever  
Research Faculty @ Georgia Institute of Technology [www.chazlever.com](http://www.chazlever.com)  
[chazlever@gatech.edu](mailto:chazlever@gatech.edu)

**From:** "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

**Sent on:** Tuesday, June 29, 2021 9:08:21 PM

**To:** Lever, Charles C <chazlever@gatech.edu>; Sibble, Dan <Dan.Sibble@osp.gatech.edu>

**CC:** Lever, Charles C <chazlever@gatech.edu>; Garrison, William R <wgarrison7@gatech.edu>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Beyah, Raheem A <rbeyah@coe.gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>

**Subject:** Re: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

Let's get things right here, gentlemen.

---

**From:** Lever, Charles C <chazlever@gatech.edu>

**Date:** Tuesday, June 29, 2021 at 4:05 PM

**To:** Sibble, Dan <Dan.Sibble@osp.gatech.edu>

**Cc:** Antonakakis, Manos <manos@gatech.edu>, Lever, Charles C <chazlever@gatech.edu>, Garrison, William R <wgarrison7@gatech.edu>, Mitchell, Michael F <michael.mitchell@ece.gatech.edu>, Beyah, Raheem A <rbeyah@coe.gatech.edu>, Abdallah, Chaouki T <ctabdallah@gatech.edu>

**Subject:** Re: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

Hi Dan,

Is there an ETA on when this will get done? We really need to get this out the door no later than tomorrow morning or money will start disappearing.

On Jun 29, 2021, at 3:37 PM, Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)> wrote:

Good Afternoon,

As a function of the compliance matters included in the terms (DFARs 252.204-7012, Safeguarding Covered Defense Information & Cyber Incident Reporting as well as 252.204-7000, Disclosure of Information) the SSP and TCP (per institute policy) must be in place before institute signoff can occur. I am currently working to establish the status of two compliance requirements needed for OSP sign-off. The first item is the SSP. I have Leon confirming from the Cyber Security Compliance Team's perspective that this program can be appropriately covered under the subject lab-wide plan cited earlier. I have asked Leon to advise as soon as possible. The second compliance item pending is the Technology Control Plan (TCP). I spoke with OSP Leadership earlier this afternoon to apprise them of the status of the award and the pending items needed to obtain institute signoff.

As soon as I have confirmation on the completion of the (2) institute compliance requirements above I will promptly advise and seek OSP signoff of the subject award document.

V/r,

Dan

**Dan Sibble**

**Contracting Officer**

Office of Sponsored Programs

Georgia Institute of Technology

926 Dalney Street, N.W.

Atlanta, GA 30318

Ph: 404-987-6809

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Sent:** Tuesday, June 29, 2021 2:51 PM

**To:** Lever, Charles C <[chazlever@gatech.edu](mailto:chazlever@gatech.edu)>; Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>

**Cc:** Garrison, William R <[wgarrison7@gatech.edu](mailto:wgarrison7@gatech.edu)>; Mitchell, Michael F <

[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Beyah, Raheem A <[rbeyah@coe.gatech.edu](mailto:rbeyah@coe.gatech.edu)>; Abdallah, Chaouki T <[ctabdallah@gatech.edu](mailto:ctabdallah@gatech.edu)>

**Subject:** Re: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029  
Can we please finalize this?



**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Wednesday, June 30, 2021 8:59:27 PM  
**To:** Sibble, Dan<Dan.Sibble@osp.gatech.edu>; Lever, Charles C<chazlever@gatech.edu>  
**CC:** Lever, Charles C<chazlever@gatech.edu>; Garrison, William R<wgarrison7@gatech.edu>; Mitchell, Michael F<michael.mitchell@ece.gatech.edu>; Beyah, Raheem A<rbeyah@coe.gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Subject:** Re: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

I will call you in two minutes from my cell: [REDACTED]

The DARPA program manager is with me right now.

**From:** Sibble, Dan <Dan.Sibble@osp.gatech.edu>  
**Sent:** Wednesday, June 30, 2021 3:42:12 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>; Lever, Charles C <chazlever@gatech.edu>  
**Cc:** Lever, Charles C <chazlever@gatech.edu>; Garrison, William R <wgarrison7@gatech.edu>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Beyah, Raheem A <rbeyah@coe.gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Subject:** RE: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

Manos,

I am not physically on campus today. I am working a 4PM DARPA proposal deadline but I will be available by phone after that time if you would like to reach me.

Dan

**Dan Sibble**

**Contracting Officer**

Office of Sponsored Programs  
Georgia Institute of Technology

**926 Dalney Street, N.W.**

**Atlanta, GA 30318**

**Office: 404-894-6947**

**Mobile: 404-987-6809**

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Wednesday, June 30, 2021 3:31 PM  
**To:** Lever, Charles C <chazlever@gatech.edu>; Sibble, Dan <Dan.Sibble@osp.gatech.edu>  
**Cc:** Lever, Charles C <chazlever@gatech.edu>; Garrison, William R <wgarrison7@gatech.edu>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Beyah, Raheem A <rbeyah@coe.gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Subject:** Re: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

Dan, I am at GT with the DARPA program manager responsible for this contract. Can you tell me where your office is located? He would like to have a talk with you.

Thanks, Manos

---

**From:** Lever, Charles C <[chazlever@gatech.edu](mailto:chazlever@gatech.edu)>  
**Sent:** Tuesday, June 29, 2021 4:05:39 PM  
**To:** Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>  
**Cc:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>; Lever, Charles C <[chazlever@gatech.edu](mailto:chazlever@gatech.edu)>; Garrison, William R <[wgarrison7@gatech.edu](mailto:wgarrison7@gatech.edu)>; Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Beyah, Raheem A <[rbeyah@coe.gatech.edu](mailto:rbeyah@coe.gatech.edu)>; Abdallah, Chaouki T <[ctabdallah@gatech.edu](mailto:ctabdallah@gatech.edu)>  
**Subject:** Re: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

Hi Dan,

Is there an ETA on when this will get done? We really need to get this out the door no later than tomorrow morning or money will start disappearing.

On Jun 29, 2021, at 3:37 PM, Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)> wrote:

Good Afternoon,

As a function of the compliance matters included in the terms (DFARs 252.204-7012, Safeguarding Covered Defense Information & Cyber Incident Reporting as well as 252.204-7000, Disclosure of Information) the SSP and TCP (per institute policy) must be in place before institute signoff can occur. I am currently working to establish the status of two compliance requirements needed for OSP sign-off. The first item is the SSP. I have Leon confirming from the Cyber Security Compliance Team's perspective that this program can be appropriately covered under the subject lab-wide plan cited earlier. I have asked Leon to advise as soon as possible. The second compliance item pending is the Technology Control Plan (TCP). I spoke with OSP Leadership earlier this afternoon to apprise them of the status of the award and the pending items needed to obtain institute signoff.

As soon as I have confirmation on the completion of the (2) institute compliance requirements above I will promptly advise and seek OSP signoff of the subject award document.

V/r,

Dan

**Dan Sibble**

**Contracting Officer**

Office of Sponsored Programs

Georgia Institute of Technology

926 Dalney Street, N.W.

Atlanta, GA 30318

Ph: 404-987-6809

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Sent:** Tuesday, June 29, 2021 2:51 PM

**To:** Lever, Charles C <[chazlever@gatech.edu](mailto:chazlever@gatech.edu)>; Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>

**Cc:** Garrison, William R <[wgarrison7@gatech.edu](mailto:wgarrison7@gatech.edu)>; Mitchell, Michael F <

[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Beyah, Raheem A <[rbeyah@coe.gatech.edu](mailto:rbeyah@coe.gatech.edu)>; Abdallah, Chaouki T <[ctabdallah@gatech.edu](mailto:ctabdallah@gatech.edu)>

**Subject:** Re: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029  
Can we please finalize this?

Thanks, Manos

---

**From:** Lever, Charles C <[chazlever@gatech.edu](mailto:chazlever@gatech.edu)>

**Date:** Tuesday, June 29, 2021 at 1:59 PM

**To:** Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>

**Cc:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>, Garrison, William R <[wgarrison7@gatech.edu](mailto:wgarrison7@gatech.edu)>, Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>

**Subject:** Re: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

Hey Dan,

Any updates?

On Jun 29, 2021, at 9:18 AM, Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)> wrote:

Excellent. Thanks Manos!

Dan

**Dan Sibble**

**Contracting Officer**

Office of Sponsored Programs

Georgia Institute of Technology

926 Dalney Street, N.W.

Atlanta, GA 30318  
Office: 404-894-6947  
Mobile: 404-987-6809

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Sent:** Tuesday, June 29, 2021 8:53 AM  
**To:** Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>; Lever, Charles C <[chazlever@gatech.edu](mailto:chazlever@gatech.edu)>; Garrison, William R <[wgarrison7@gatech.edu](mailto:wgarrison7@gatech.edu)>  
**Cc:** Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>  
**Subject:** Re: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

We do.

William can provide you the SSP plan if necessary. It is the same we sent OSP for HACCS, 5G and EA.

---

**From:** Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>  
**Sent:** Tuesday, June 29, 2021 08:19  
**To:** Lever, Charles C  
**Cc:** Mitchell, Michael F; Antonakakis, Manos  
**Subject:** RE: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

As a follow up, can you confirm whether or not your lab is under a Lab-wide System Security Plan (SSP)?

Best,

Dan

Dan Sibble  
Contracting Officer  
Office of Sponsored Programs  
Georgia Institute of Technology  
926 Dalney Street, N.W.  
Atlanta, GA 30318  
Office: 404-894-6947  
Mobile: 404-987-6809

-----Original Message-----

**From:** Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>  
**Sent:** Tuesday, June 29, 2021 8:11 AM  
**To:** 'Lever, Charles C' <[chazlever@gatech.edu](mailto:chazlever@gatech.edu)>  
**Cc:** Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Subject:** RE: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

Good Morning,

I received the current contract draft at the end of last week. I am working it through our internal routing chain and I hope to have it clear for return shortly.

I will provide another status update this afternoon.

Best,

Dan

Dan Sibble  
Contracting Officer  
Office of Sponsored Programs  
Georgia Institute of Technology  
926 Dalney Street, N.W.  
Atlanta, GA 30318  
Office: 404-894-6947  
Mobile: 404-987-6809

-----Original Message-----

From: Lever, Charles C <[chazlever@gatech.edu](mailto:chazlever@gatech.edu)>  
Sent: Monday, June 28, 2021 4:38 PM  
To: Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>  
Cc: Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
Subject: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

Hi Dan,

I reached out to DARPA and got word from the PM that DARPA is still waiting on forms to be signed and sent back by GT. We had some points of clarification in April that were addressed by Michael and myself. What's the current hold up? The PM really needs these forms back by tomorrow, or it's likely we will start losing money due to changes in DARPA budgets. What do we need to do to make this happen?

--

Dr. Charles (Chaz) Lever  
Research Faculty @ Georgia Institute of Technology [www.chazlever.com](http://www.chazlever.com)  
[chazlever@gatech.edu](mailto:chazlever@gatech.edu)

**From:** Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Sent on:** Wednesday, July 14, 2021 1:29:04 PM  
**To:** Nie, Ling-Ling<linglingnie@gatech.edu>  
**CC:** Antonakakis, Manos<manos@gatech.edu>; Kington, John<john.kington@legal.gatech.edu>  
**Subject:** Re: ACTION: Request for POC information by COB 15 July

Thank you Ling-Ling & John....

Sent from Chaouki's iPhone

On Jul 14, 2021, at 8:28 AM, Nie, Ling-Ling <linglingnie@gatech.edu> wrote:

Hi Manos: Good morning! I'm looping in Jay Kington from my team to assist you—he is from our Transactions practice group and is an IP attorney.

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Date:** Tuesday, July 13, 2021 at 8:20 PM  
**To:** Nie, Ling-Ling <linglingnie@gatech.edu>  
**Cc:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Subject:** Fwd: ACTION: Request for POC information by COB 15 July

Ling-Ling, there is an unusual IP discussion for one of programs I run and as you can see from the inline message there needs to be a person from Legal involved.

Any ideas who that might be? Do we have someone in your team or should I talk with OSP?

This is a very unusual request as IP issues are negotiated before the contracts are signed and not a year after the program has started.

Thanks, Manos

---

**From:** Reyes, Kristine D CIV USN NIWC PACIFIC CA (USA) <kristine.d.reyes.civ@us.navy.mil>  
**Sent:** Tuesday, July 13, 2021 19:57  
**To:** astavrou@kryptowire.com; carolyn.talcott@sri.com; dshur@perspectalabs.com; Antonakakis, Manos; kline@isi.edu; rinard@csail.mit.edu; p.krishnan@caci.com; sbeitzel@perspectalabs.com  
**Cc:** Evans, Douglass C CIV USN NIWC PACIFIC CA (USA); neil.hoff@navy.mil; ryan.r.mcallister1; kymberlee.boisvert@navy.mil; andy.leidy  
**Subject:** ACTION: Request for POC information by COB 15 July

Good afternoon TA Performers,

Our goal is to schedule a forum with your respective Legal Counsels where OPS-5G Performers can discuss Intellectual Property issues related to their LF involvement. We are targeting a tentative date of either 28 or 29 July. Request each Performer provide their Legal Counsel POC by COB Thursday 15 July so we can coordinate a meeting invite.

Very respectfully,

Kristine Reyes

NIWC PAC Code 55331

Mobile: (619) 850-4220

[Kristine.d.reyes.civ@us.navy.mil](mailto:kristine.d.reyes.civ@us.navy.mil)

\*This email is not authored by a Contracting Officer. A Contracting Officer is the only Government representative with the authority to enter into an agreement or contract with the contractor or vendor or make changes, modifications, amendments, revisions or other alterations to the existing terms of a contract. If you have questions about the authority of any Government representative you should immediately bring such questions to the Contracting Officer and should not take any actions

prior to having your questions fully resolved. Acting on unauthorized or improperly authorized changes, modifications, amendments, revisions or other alterations may result in delayed or denied payment relating to contract performance. The authority for actions by a Contracting Officers and Contracting Officer's Representative (COR) can be found under Federal Acquisition Regulations 1.602, 1.603 and 1-604.

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Wednesday, July 14, 2021 1:40:37 PM  
**To:** Nie, Ling-Ling<linglingnie@gatech.edu>; Kington, John<john.kington@legal.gatech.edu>  
**CC:** Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Subject:** Re: ACTION: Request for POC information by COB 15 July

Much obliged, Ling-Ling! I will talk with John.

Thanks, Manos

**From:** Nie, Ling-Ling <linglingnie@gatech.edu>  
**Sent:** Wednesday, July 14, 2021 8:28:14 AM  
**To:** Antonakakis, Manos <manos@gatech.edu>; Kington, John <john.kington@legal.gatech.edu>  
**Cc:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Subject:** Re: ACTION: Request for POC information by COB 15 July  
Hi Manos: Good morning! I'm looping in Jay Kington from my team to assist you—he is from our Transactions practice group and is an IP attorney.

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Date:** Tuesday, July 13, 2021 at 8:20 PM  
**To:** Nie, Ling-Ling <linglingnie@gatech.edu>  
**Cc:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Subject:** Fwd: ACTION: Request for POC information by COB 15 July

Ling-Ling, there is an unusual IP discussion for one of programs I run and as you can see from the inline message there needs to be a person from Legal involved.

Any ideas who that might be? Do we have someone in your team or should I talk with OSP?

This is a very unusual request as IP issues are negotiated before the contracts are signed and not a year after the program has started.

Thanks, Manos

---

**From:** Reyes, Kristine D CIV USN NIWC PACIFIC CA (USA) <kristine.d.reyes.civ@us.navy.mil>  
**Sent:** Tuesday, July 13, 2021 19:57  
**To:** astavrou@kryptowire.com; carolyn.talcott@sri.com; dshur@perspectalabs.com; Antonakakis, Manos; kline@isi.edu; rinard@csail.mit.edu; p.krishnan@caci.com; sbeitzel@perspectalabs.com  
**Cc:** Evans, Douglass C CIV USN NIWC PACIFIC CA (USA); neil.hoff@navy.mil; ryan.r.mcallister1; kymerlee.boisvert@navy.mil; andy.leidy  
**Subject:** ACTION: Request for POC information by COB 15 July

Good afternoon TA Performers,

Our goal is to schedule a forum with your respective Legal Counsels where OPS-5G Performers can discuss Intellectual Property issues related to their LF involvement. We are targeting a tentative date of either 28 or 29 July. Request each Performer provide their Legal Counsel POC by COB Thursday 15 July so we can coordinate a meeting invite.

Very respectfully,

Kristine Reyes

NIWC PAC Code 55331

Mobile: (619) 850-4220

[Kristine.d.reyes.civ@us.navy.mil](mailto:Kristine.d.reyes.civ@us.navy.mil)

\*This email is not authored by a Contracting Officer. A Contracting Officer is the only Government representative with the authority to enter into an agreement or contract with the contractor or vendor or make changes, modifications, amendments, revisions or other alterations to the existing terms of a contract. If you have questions about the authority of any Government representative you should immediately bring such questions to the Contracting Officer and should not take any actions prior to having your questions fully resolved. Acting on unauthorized or improperly authorized changes, modifications, amendments, revisions or other alterations may result in delayed or denied payment relating to contract performance. The authority for actions by a Contracting Officers and Contracting Officer's Representative (COR) can be found under Federal Acquisition Regulations 1.602, 1.603 and 1-604.

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Tuesday, September 8, 2020 3:50:27 PM  
**To:** Nie, Ling-Ling<linglingnie@gatech.edu>  
**CC:** Keromytis, Angelos D<angelos@gatech.edu>; McLaughlin, Steven W<swm@coe.gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>; Wasch, Kate<kate.wasch@legal.gatech.edu>; Egerstedt, Magnus<magnus.egerstedt@ece.gatech.edu>  
**Subject:** Re: Active DNS Project / election cyberattacks  
**Attachments:** signature.asc (201 Bytes)

Ling-Ling, I just got off the call with DARPA. Please give me a call for a brief update.

Thanks, Manos

On Sep 8, 2020, at 11:28 AM, Nie, Ling-Ling <[linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)> wrote:

If someone would like to call me so I can understand the concern, I can be reached at 404-386-6254.

Ling-Ling Nie

General Counsel &

Vice President for Ethics & Compliance

<image001.png>

---

**From:**"Keromytis, Angelos D" <[angelos@gatech.edu](mailto:angelos@gatech.edu)>

**Date:**Tuesday, September 8, 2020 at 11:26 AM

**To:**"Nie, Ling-Ling" <[linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)>

**Cc:**"Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)>, "McLaughlin, Steven W" <[swm@coe.gatech.edu](mailto:swm@coe.gatech.edu)>, "Abdallah, Chaouki T" <[ctabdallah@gatech.edu](mailto:ctabdallah@gatech.edu)>, "Wasch, Kate" <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>, "Egerstedt, Magnus" <[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>

**Subject:**Re: Active DNS Project / election cyberattacks

No, please do not do that.

On Sep 8, 2020, at 11:15, Nie, Ling-Ling <[linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)> wrote:

Hi all—Good morning! If I may, I'd like to loop in Communications for their awareness and ask them to reach out to this reporter first to gather more background to share with us before proceeding so we can fully understand the context and timing. Please standby.

Thanks,

Ling-Ling

---

**From:**"Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Date:**Tuesday, September 8, 2020 at 10:53 AM

**To:**"McLaughlin, Steven W" <[swm@coe.gatech.edu](mailto:swm@coe.gatech.edu)>

**Cc:**"Abdallah, Chaouki T" <[ctabdallah@gatech.edu](mailto:ctabdallah@gatech.edu)>, "Keromytis, Angelos D" <[angelos@gatech.edu](mailto:angelos@gatech.edu)>, "Nie, Ling-Ling" <[linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)>, "Wasch, Kate" <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>, "Egerstedt, Magnus" <[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>

**Subject:**Fwd: Active DNS Project / election cyberattacks

Hey Steve,

This just came in. Perhaps we should get on a call with legal and discuss this request from the press?

Thanks, Manos



Begin forwarded message:

**From:** Eric Geller <[egeller@politico.com](mailto:egeller@politico.com)>

**Subject:** Active DNS Project / election cyberattacks

**Date:** September 8, 2020 at 10:29:27 AM EDT

**To:** "[manos@gatech.edu](mailto:manos@gatech.edu)" <[manos@gatech.edu](mailto:manos@gatech.edu)>

Dear Professor Antonakakis,

My name is Eric Geller and I am a cybersecurity reporter at Politico. I've heard that the Active DNS Project has really extensive capabilities for tracking malicious behavior and that you've seen some interesting activity on/against election infrastructure. Would you be willing to talk to me off the record (meaning it would stay between us) about what you're seeing in this election cycle?

—

Eric Geller

Cybersecurity Reporter

**POLITICO**

Cell: (301) 547-6954

Desk: (703) 647-8571

Twitter: @ericgeller

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Tuesday, September 8, 2020 8:04:26 PM  
**To:** Eric Geller<egeller@politico.com>  
**CC:** Meeks, William B<wmeeks7@gatech.edu>  
**Subject:** Re: Active DNS Project / election cyberattacks  
**Attachments:** signature.asc (201 Bytes)

Mr. Geller,

Thank you for your interest in our community project! It appears,

however, that your understanding of Active DNS project is not exactly accurate. If I may, Active DNS is a community project that helps researchers around the world standardize on a DNS dataset that can be used for independent validation of scientific results.

Since this dataset is composed of publicly available information, we systematically share it with more than 70 research groups around the world. I'm afraid, however, that Active DNS does not offer any detection capabilities that could help defenders protect their networks. It is merely a dataset.

If you have any other questions for me, please reach out to our

great external communication people that handle all press inquiries. I have CCed Mr. Blair Meeks, who is the Assistant Vice President -- External Communications for Georgia Tech. I suspect he will be able to point you to the right direction.

Many thanks, Manos

--

Manos Antonakakis, Ph.D. | [manos@gatech.edu](mailto:manos@gatech.edu)  
College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B595120 5E89 BE1B 3668

On Sep 8, 2020, at 10:29 AM, Eric Geller <[egeller@politico.com](mailto:egeller@politico.com)> wrote:

Dear Professor Antonakakis,

My name is Eric Geller and I am a cybersecurity reporter at Politico. I've heard that the Active DNS Project has really extensive capabilities for tracking malicious behavior and that you've seen some interesting activity on/against election infrastructure. Would you be willing to talk to me off the record (meaning it would stay between us) about what you're seeing in this election cycle?

—

Eric Geller  
Cybersecurity Reporter  
**POLITICO**  
Cell: (301) 547-6954  
Desk: (703) 647-8571  
Twitter: @ericgeller

**From:** Keromytis, Angelos D<angelos@gatech.edu>  
**Sent on:** Tuesday, September 8, 2020 4:31:50 PM  
**To:** Nie, Ling-Ling<linglingnie@gatech.edu>  
**CC:** Antonakakis, Manos<manos@gatech.edu>; McLaughlin, Steven W<swm@coe.gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>; Wasch, Kate<kate.wasch@legal.gatech.edu>; Egerstedt, Magnus<magnus.egerstedt@ece.gatech.edu>  
**Subject:** Re: Active DNS Project / election cyberattacks  
**Attachments:** image001.png (54.13 KB)

Calling.

On Sep 8, 2020, at 11:28, Nie, Ling-Ling <linglingnie@gatech.edu> wrote:

If someone would like to call me so I can understand the concern, I can be reached at 404-386-6254.  
Ling-Ling Nie  
General Counsel &  
Vice President for Ethics & Compliance  
<image001.png>

---

**From:** "Keromytis, Angelos D" <angelos@gatech.edu>  
**Date:** Tuesday, September 8, 2020 at 11:26 AM  
**To:** "Nie, Ling-Ling" <linglingnie@gatech.edu>  
**Cc:** "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@coe.gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "Wasch, Kate" <kate.wasch@legal.gatech.edu>, "Egerstedt, Magnus" <magnus.egerstedt@ece.gatech.edu>  
**Subject:** Re: Active DNS Project / election cyberattacks  
No, please do not do that.

On Sep 8, 2020, at 11:15, Nie, Ling-Ling <linglingnie@gatech.edu> wrote:

Hi all—Good morning! If I may, I'd like to loop in Communications for their awareness and ask them to reach out to this reporter first to gather more background to share with us before proceeding so we can fully understand the context and timing. Please standby.  
Thanks,  
Ling-Ling

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Tuesday, September 8, 2020 at 10:53 AM  
**To:** "McLaughlin, Steven W" <swm@coe.gatech.edu>  
**Cc:** "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "Keromytis, Angelos D" <angelos@gatech.edu>, "Nie, Ling-Ling" <linglingnie@gatech.edu>, "Wasch, Kate" <kate.wasch@legal.gatech.edu>, "Egerstedt, Magnus" <magnus.egerstedt@ece.gatech.edu>  
**Subject:** Fwd: Active DNS Project / election cyberattacks  
Hey Steve,  
This just came in. Perhaps we should get on a call with legal and discuss this request

from the press?  
Thanks, Manos

Begin forwarded message:

**From:** Eric Geller <[egeller@politico.com](mailto:egeller@politico.com)>

**Subject:** Active DNS Project / election cyberattacks

**Date:** September 8, 2020 at 10:29:27 AM EDT

**To:** "[manos@gatech.edu](mailto:manos@gatech.edu)" <[manos@gatech.edu](mailto:manos@gatech.edu)>

Dear Professor Antonakakis,

My name is Eric Geller and I am a cybersecurity reporter at Politico. I've heard that the Active DNS Project has really extensive capabilities for tracking malicious behavior and that you've seen some interesting activity on/against election infrastructure. Would you be willing to talk to me off the record (meaning it would stay between us) about what you're seeing in this election cycle?

—

Eric Geller

Cybersecurity Reporter

**POLITICO**

Cell: (301) 547-6954

Desk: (703) 647-8571

Twitter: @ericgeller

**From:** Cabrera, Angel<angel.cabrera@gatech.edu>  
**Sent on:** Sunday, November 7, 2021 11:50:14 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>; Connolly, Robert<robert.connolly@police.gatech.edu>; Fox, Kelly<kelly.fox@gatech.edu>; Shannon, Michael P<michael.shannon@gatech.edu>; Neville, Frank E<frank.neville@gatech.edu>  
**Subject:** Re: Appreciation Letter for Chief Connolly

Thank you, Manos, for this very kind note. I know it made Chief Connolly's day as it did mine. I have followed your situation closely through Steve and Chaouki and I'm sorry you had to go through it. Your work is very important but isn't easy as this situation showed. We appreciate what you do for Georgia Tech and our country and I am glad things are better on the family front. —Ángel

Sent from my iPad

On Nov 7, 2021, at 10:48 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

Dear Angel,

With this note, I would like to recognize and appreciate Chief Connolly for the assistance he provided to my family over the last couple of months. Due to some (hard to explain by logic) events, I have to take extra percussion measures for my family's physical security because of some research work I conducted in Georgia Tech as part of my job.

Chief Connolly has been an unbelievable pillar of support for my family as I had to relocate us in a gated community.

From day one, Chief Connolly made himself available to questions, issues and threats I had at a 24/7 basis. People in his great team were looking online for any information that could signal an imminent threat to me or my family. At the peak of the heat, Chief Connolly spent most of that dreadful Sunday in my house (and away from his family) physically looking at the security perimeter of my house and how we could boost it up. At the same time, he sat down with my pregnant wife and explained to her that he (and his team) has the situation under control and that she has nothing to worry about. And to deter any potential threats, he brought a GTPD car and parked it outside my house for almost two weeks.

As I write this message from the safety of my new house, I realize that I cannot find all the proper words to thank Chief Connolly for the help he provided to my family. Unfortunately, it is also almost certain that I will never be able to pay Chief Connolly back for all the great things he did for my family over the last two months. After writing and deleting this message several times, I realized the only thing that really matters is to make sure of the following: Angel; please know that you have people like Chief Connolly in your staff that represent all the great values that our Institute should be proud of.

Chief Connolly reflects exactly what is great about Georgia Tech.

Best Regards,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu

College of Engineering Dean's Professorship Chair and Associate Professor

Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)

School of Electrical and Computer Engineering | Georgia Institute of Technology

From: Antonakakis, Manos <manos@gatech.edu>

Sent on: Monday, January 10, 2022 5:58:07 PM

To: Patel, Tejas <tejas.patel@darpa.mil>; Perdisci, Roberto <perdisci@gatech.edu>; Ma, Zane <zanema@gatech.edu>

CC: Keromytis, Angelos D <angelos@gatech.edu>

Subject: Re: CHASE and OPS-5G PIs

Hey Tejas, yes, the rumors are true. Unfortunately, I cannot pay west coast industry rates at GT.

For OPS-5G the answer is very simple, Zane will take his place. Now, for CHASE the answer will likely be Roberto. We are working with GT OSP to finalize it, so please give us some time. In the meantime, I suggest we set up a call between me, you and Roberto to discuss what needs to be done with CHASE moving forward.

Thanks, Manos

---

From: Patel, Tejas <tejas.patel@darpa.mil>

Sent: Monday, January 10, 2022 12:50 PM

To: Antonakakis, Manos; Keromytis, Angelos D

Subject: CHASE and OPS-5G PIs

Manos, Angelos,

I heard a rumour that Chaz is no longer at GT? Is this true? If so, do you have a POC for the new PI?

Regards,

Tejas Patel

Program Manager

Defense Advanced Research Projects Agency

Information Innovation Office

email: tejas.patel@darpa.mil

work: +1 (703) 526-2047

mobile: +1 (571) 421-3629

fax: +1 (703) 248-8040

**From:** "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
**Sent on:** Thursday, June 24, 2021 5:16:27 PM  
**To:** Clement, Crystal D <crystal.clement@pe.gatech.edu>  
**CC:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Subject:** Re: Conference

Crystal, please do not communicate with the DARPA PM team without consulting with me first. As the PI of this project, I am often aware what should be communicated to them, when and how.

Thanks, Manos

**From:** Clement, Crystal D <crystal.clement@pe.gatech.edu>  
**Sent:** Thursday, June 24, 2021 12:13:44 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Kline, Allison <allison.kline@darpa.mil>  
**Cc:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Subject:** RE: Conference

Hi!

We would love to host the meeting. Can I be included and I can send you pricing? Let me know.

Thanks!

Crystal Clement  
Sales Manager  
Georgia Institute of Technology  
84 5th Street NW, Atlanta, GA 30308-1031  
404-385-1690 | crystal.clement@pe.gatech.edu  
gatechcenter.com  
Keep up with GTPE  
2018 Impact Report | LinkedIn | Facebook

-----Original Message-----

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Tuesday, June 22, 2021 3:49 PM  
**To:** Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Kline, Allison <allison.kline@darpa.mil>  
**Cc:** Abdallah, Chaouki T <ctabdallah@gatech.edu>; Clement, Crystal D <crystal.clement@pe.gatech.edu>  
**Subject:** Re: Conference

Hey Chris and Allison,

Let me apologize here for the confusion. Apparently GT will need DARPA to pay for this event, and this was something I failed to clarify when I asked permission from the upper management to hold this final EA PI meeting at GT.

I suspect that you will have to make other plans and host this final PI meeting at another performer or at DARPA's facilities in DC.

Thanks and my apologies for the confusion. Totally my fault for failing to clarify this point before I communicate back to you what is possible.

—

Manos Antonakakis, Ph.D. | manos@gatech.edu College of Engineering Dean's Professorship Chair and Associate Professor Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS) School of Electrical and Computer Engineering | Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Clement, Crystal D <crystal.clement@pe.gatech.edu>  
Sent: Tuesday, June 22, 2021 11:41 AM  
To: Schneck, Christopher (contr-i2o); Antonakakis, Manos  
Cc: Kline, Allison  
Subject: RE: Conference

Hi Chris,  
Good to hear from you. Let me know who will be signing the contract so we will know if you will be working with Tim or myself.

Thanks!  
Crystal Clement  
Sales Manager  
Georgia Institute of Technology  
84 5th Street NW, Atlanta, GA 30308-1031  
404-385-1690 | crystal.clement@pe.gatech.edu <mailto:crystal.clement@pe.gatech.edu>  
gatechcenter.com <<http://www.gatechcenter.com/>>  
Keep up with GTPE  
2018 Impact Report <<https://pe.gatech.edu/2018-impact-report>> | LinkedIn | Facebook

From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Sent: Monday, June 21, 2021 5:07 PM  
To: Antonakakis, Manos <manos@gatech.edu>; Gargis, Timothy A <tim.gargis@pe.gatech.edu>; Clement, Crystal D <crystal.clement@pe.gatech.edu>  
Cc: Kline, Allison <allison.kline@darpa.mil>  
Subject: RE: Conference

Crystal and Tim,

Nice to meet you, I look forward to working with you all to set up this event.

We are looking to hold a conference to conduct live demonstrations over 2 days from 30-31 Aug. Ideally, we will want a large conference room with a few smaller rooms to conduct breakout sessions if needed. I do not have a good count yet, but previous conferences had about 80 people. I suspect due to Covid, these numbers will be smaller. The break out rooms should hold 10/15 people max. The conference room should also be set up for Video Tele-Conferencing. I would prefer to use ZoomGov if that is possible. I have an account that can initiate the meeting, you will need a way to view and present a live camera feed and audio either through the desktop application, web browser, phone, or combination thereof.

Daily schedule will be:

0830-0900: arrival, breakfast/coffee  
0900-1200: presentations  
1200-1300 lunch  
1300-1700: presentations



What did I miss, what other questions do I need to answer for logistics/event management?

V/r,

Chris Schneck  
DARPA I2O SETA  
571-218-4429 (office)  
571-524-3821 (cell)  
918-6691

From: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>  
Sent: Tuesday, June 15, 2021 9:15 AM  
To: Gargis, Timothy A <tim.gargis@pe.gatech.edu<mailto:tim.gargis@pe.gatech.edu>>; Clement, Crystal D <crystal.clement@pe.gatech.edu<mailto:crystal.clement@pe.gatech.edu>>  
Cc: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil<mailto:christopher.schneck.ctr@darpa.mil>>; Kline, Allison <allison.kline@darpa.mil<mailto:allison.kline@darpa.mil>>  
Subject: Re: Conference

Chaouki and Raheem, many thanks I am moving you to BCC.

Crystal and Tim, very pleased to meet you! Allow me to introduce you to the DARPA team. I suspect that Chris will reach out to discuss the details about this PI meeting/conference with you.

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu<<mailto:manos@gatech.edu>>  
College of Engineering Dean's Professorship Chair and Associate Professor Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS) School of Electrical and Computer Engineering | Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Abdallah, Chaouki T <ctabdallah@gatech.edu<mailto:ctabdallah@gatech.edu>>  
Date: Tuesday, June 15, 2021 at 7:43 AM  
To: Gargis, Timothy A <tim.gargis@pe.gatech.edu<mailto:tim.gargis@pe.gatech.edu>>, Clement, Crystal D <crystal.clement@pe.gatech.edu<mailto:crystal.clement@pe.gatech.edu>>, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>, Beyah, Raheem A <rbeyah@coe.gatech.edu<mailto:rbeyah@coe.gatech.edu>>  
Subject: FW: Conference  
Crystal & Tim,

Professor Manos Antonakakis would like to host a high-level conference at Georgia tech. Via this email, I am putting you in touch with him in order to assist.

Chaouki T Abdallah

Professor of Electrical & Computer Engineering Executive Vice President for Research Georgia Institute of Technology  
225 North Avenue, Carnegie Building  
Atlanta, Georgia 30332-0325

From: Fox, Kelly <kelly.fox@gatech.edu<mailto:kelly.fox@gatech.edu>>  
Date: Tuesday, June 15, 2021 at 7:38 AM

To: Abdallah, Chaouki T <ctabdallah@gatech.edu<mailto:ctabdallah@gatech.edu>>, McLaughlin, Steven W <swm@gatech.edu<mailto:swm@gatech.edu>>

Subject: RE: Conference

Please work with Crystal Clement – crystal.clement@pe.gatech.edu<mailto:crystal.clement@pe.gatech.edu> or Tim Gargis at tim.gargis@pe.gatech.edu<mailto:tim.gargis@pe.gatech.edu>.

Thanks – Kelly

From: Abdallah, Chaouki T <ctabdallah@gatech.edu<mailto:ctabdallah@gatech.edu>>

Sent: Monday, June 14, 2021 8:13 PM

To: Fox, Kelly <kelly.fox@gatech.edu<mailto:kelly.fox@gatech.edu>>; McLaughlin, Steven W <swm@gatech.edu<mailto:swm@gatech.edu>>

Subject: Conference

Kelly,

This is about the DARPA conference I mentioned during last week's ELT. Can you please put him in touch with the appropriate folks who can help in conference management/arrangement?

Chaouki T. Abdallah

Professor of Electrical & Computer Engineering Executive Vice President for Research Georgia Institute of Technology

225 North Avenue

Atlanta, GA 30332-0325

From: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>

Date: Monday, June 14, 2021 at 7:18 PM

To: Beyah, Raheem A <ab207@gatech.edu<mailto:ab207@gatech.edu>>

Cc: Abdallah, Chaouki T <ctabdallah@gatech.edu<mailto:ctabdallah@gatech.edu>>, McLaughlin, Steven W <swm@gatech.edu<mailto:swm@gatech.edu>>

Subject: Re:

Much obliged, Raheem!

On other news, I think I was able to convince GEN Stanton (<https://www.arcyber.army.mil/Leaders/Leaders-Article-View-Page/Article/2463463/brig-gen-paul-t-stanton/>) to show up at GT for the final EA PI meeting. He will be giving the keynote for the event. It would be nice if one of you could introduce him to the audience and welcome him at GT.

The rumor has it that he will be the next head of NSA and USCC. It would be nice to think as GT being a friendly place for him.

Chaouki/Raheem, I will be CCing in an email with DARPA EA PM so we can finalize the date for the event. Chaouki, we are still good to go after your discussion with Angel about hosting this event, correct?

Many thanks, Manos

---

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Thursday, June 24, 2021 5:25:38 PM  
**To:** Clement, Crystal D<crystal.clement@pe.gatech.edu>  
**CC:** Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Subject:** Re: Conference

Hey Crystal. You might want to consult with me before communicating things to the DARPA PM. As the PI of the project, I might be able to advise you on what can and cannot be done.

Thanks, Manos

**From:** Clement, Crystal D <crystal.clement@pe.gatech.edu>  
**Sent:** Thursday, June 24, 2021 12:13:44 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Kline, Allison <allison.kline@darpa.mil>  
**Cc:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Subject:** RE: Conference

Hi!

We would love to host the meeting. Can I be included and I can send you pricing? Let me know.

Thanks!

Crystal Clement  
Sales Manager  
Georgia Institute of Technology  
84 5th Street NW, Atlanta, GA 30308-1031  
404-385-1690 | crystal.clement@pe.gatech.edu  
gatechcenter.com  
Keep up with GTPE  
2018 Impact Report | LinkedIn | Facebook

-----Original Message-----

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Tuesday, June 22, 2021 3:49 PM  
**To:** Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Kline, Allison <allison.kline@darpa.mil>  
**Cc:** Abdallah, Chaouki T <ctabdallah@gatech.edu>; Clement, Crystal D <crystal.clement@pe.gatech.edu>  
**Subject:** Re: Conference

Hey Chris and Allison,

Let me apologize here for the confusion. Apparently GT will need DARPA to pay for this event, and this was something I failed to clarify when I asked permission from the upper management to hold this final EA PI meeting at GT.

I suspect that you will have to make other plans and host this final PI meeting at another performer or at DARPA's facilities in DC.

Thanks and my apologies for the confusion. Totally my fault for failing to clarify this point before I communicate back to you what is possible.

—

Manos Antonakakis, Ph.D. | manos@gatech.edu College of Engineering Dean's Professorship Chair and Associate Professor Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)

---

From: Clement, Crystal D <crystal.clement@pe.gatech.edu>  
Sent: Tuesday, June 22, 2021 11:41 AM  
To: Schneck, Christopher (contr-i2o); Antonakakis, Manos  
Cc: Kline, Allison  
Subject: RE: Conference

Hi Chris,

Good to hear from you. Let me know who will be signing the contract so we will know if you will be working with Tim or myself.

Thanks!

Crystal Clement  
Sales Manager

Georgia Institute of Technology

84 5th Street NW, Atlanta, GA 30308-1031

404-385-1690 | crystal.clement@pe.gatech.edu <mailto:crystal.clement@pe.gatech.edu>

gatechcenter.com <<http://www.gatechcenter.com/>>

Keep up with GTPE

2018 Impact Report <<https://pe.gatech.edu/2018-impact-report>> | LinkedIn | Facebook

From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Sent: Monday, June 21, 2021 5:07 PM  
To: Antonakakis, Manos <manos@gatech.edu>; Gargis, Timothy A <tim.gargis@pe.gatech.edu>; Clement, Crystal D <crystal.clement@pe.gatech.edu>  
Cc: Kline, Allison <allison.kline@darpa.mil>  
Subject: RE: Conference

Crystal and Tim,

Nice to meet you, I look forward to working with you all to set up this event.

We are looking to hold a conference to conduct live demonstrations over 2 days from 30-31 Aug. Ideally, we will want a large conference room with a few smaller rooms to conduct breakout sessions if needed. I do not have a good count yet, but previous conferences had about 80 people. I suspect due to Covid, these numbers will be smaller. The break out rooms should hold 10/15 people max. The conference room should also be set up for Video Tele-Conferencing. I would prefer to use ZoomGov if that is possible. I have an account that can initiate the meeting, you will need a way to view and present a live camera feed and audio either through the desktop application, web browser, phone, or combination thereof.

Daily schedule will be:

0830-0900: arrival, breakfast/coffee

0900-1200: presentations

1200-1300 lunch

1300-1700: presentations

What did I miss, what other questions do I need to answer for logistics/event management?

V/r,

Chris Schneck  
DARPA I2O SETA  
571-218-4429 (office)  
571-524-3821 (cell)  
918-6691

From: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>  
Sent: Tuesday, June 15, 2021 9:15 AM  
To: Gargis, Timothy A <tim.gargis@pe.gatech.edu<mailto:tim.gargis@pe.gatech.edu>>; Clement, Crystal D <crystal.clement@pe.gatech.edu<mailto:crystal.clement@pe.gatech.edu>>  
Cc: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil<mailto:christopher.schneck.ctr@darpa.mil>>; Kline, Allison <allison.kline@darpa.mil<mailto:allison.kline@darpa.mil>>  
Subject: Re: Conference

Chaouki and Raheem, many thanks I am moving you to BCC.

Crystal and Tim, very pleased to meet you! Allow me to introduce you to the DARPA team. I suspect that Chris will reach out to discuss the details about this PI meeting/conference with you.

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu<<mailto:manos@gatech.edu>>  
College of Engineering Dean's Professorship Chair and Associate Professor Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS) School of Electrical and Computer Engineering | Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: Abdallah, Chaouki T <ctabdallah@gatech.edu<mailto:ctabdallah@gatech.edu>>  
Date: Tuesday, June 15, 2021 at 7:43 AM  
To: Gargis, Timothy A <tim.gargis@pe.gatech.edu<mailto:tim.gargis@pe.gatech.edu>>, Clement, Crystal D <crystal.clement@pe.gatech.edu<mailto:crystal.clement@pe.gatech.edu>>, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>, Beyah, Raheem A <rbeyah@coe.gatech.edu<mailto:rbeyah@coe.gatech.edu>>  
Subject: FW: Conference  
Crystal & Tim,

Professor Manos Antonakakis would like to host a high-level conference at Georgia tech. Via this email, I am putting you in touch with him in order to assist.

Chaouki T Abdallah

Professor of Electrical & Computer Engineering Executive Vice President for Research Georgia Institute of Technology  
225 North Avenue, Carnegie Building  
Atlanta, Georgia 30332-0325

From: Fox, Kelly <kelly.fox@gatech.edu<mailto:kelly.fox@gatech.edu>>  
Date: Tuesday, June 15, 2021 at 7:38 AM  
To: Abdallah, Chaouki T <ctabdallah@gatech.edu<mailto:ctabdallah@gatech.edu>>, McLaughlin, Steven W <swm@gatech.edu<mailto:swm@gatech.edu>>

Subject: RE: Conference

Please work with Crystal Clement – crystal.clement@pe.gatech.edu <mailto:crystal.clement@pe.gatech.edu> or Tim Gargis at tim.gargis@pe.gatech.edu <mailto:tim.gargis@pe.gatech.edu>.

Thanks – Kelly

From: Abdallah, Chaouki T <ctabdallah@gatech.edu<mailto:ctabdallah@gatech.edu>>

Sent: Monday, June 14, 2021 8:13 PM

To: Fox, Kelly <kelly.fox@gatech.edu<mailto:kelly.fox@gatech.edu>>; McLaughlin, Steven W <swm@gatech.edu<mailto:swm@gatech.edu>>

Subject: Conference

Kelly,

This is about the DARPA conference I mentioned during last week's ELT. Can you please put him in touch with the appropriate folks who can help in conference management/arrangement?

Chaouki T. Abdallah

Professor of Electrical & Computer Engineering Executive Vice President for Research Georgia Institute of Technology

225 North Avenue

Atlanta, GA 30332-0325

From: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>

Date: Monday, June 14, 2021 at 7:18 PM

To: Beyah, Raheem A <ab207@gatech.edu<mailto:ab207@gatech.edu>>

Cc: Abdallah, Chaouki T <ctabdallah@gatech.edu<mailto:ctabdallah@gatech.edu>>, McLaughlin, Steven W <swm@gatech.edu<mailto:swm@gatech.edu>>

Subject: Re:

Much obliged, Raheem!

On other news, I think I was able to convince GEN Stanton (<https://www.arcyber.army.mil/Leaders/Leaders-Article-View-Page/Article/2463463/brig-gen-paul-t-stanton/>) to show up at GT for the final EA PI meeting. He will be giving the keynote for the event. It would be nice if one of you could introduce him to the audience and welcome him at GT.

The rumor has it that he will be the next head of NSA and USCC. It would be nice to think as GT being a friendly place for him.

Chaouki/Raheem, I will be CCing in an email with DARPA EA PM so we can finalize the date for the event. Chaouki, we are still good to go after your discussion with Angel about hosting this event, correct?

Many thanks, Manos

---

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Tuesday, June 22, 2021 8:21:47 PM  
To: Abdallah, Chaouki T <ctabdallah@gatech.edu>  
Subject: Re: Conference

Hey Chaouki,

I do understand very well the cost that is associated with a typical ACM/IEEE conference. This is not it, however. In this case DARPA is looking at a performer to host an event for the program and the other teams that performing in EA. This has already been done 3-4 times at GT between EA and HACCS (albeit in smaller scale), and DARPA has never paid a thing. The same has been done at UMD, ASU and USC, and again nobody paid a thing.

In any event, DARPA already called me perplexed about the contract request. I will just relay to them that we cannot do it at GT and they should look at hosting it somewhere else.

Thanks, Manos

---

From: Abdallah, Chaouki T <ctabdallah@gatech.edu>  
Sent: Tuesday, June 22, 2021 2:52 PM  
To: Antonakakis, Manos  
Subject: Re: Conference

Manos,

That was not my assumption! Sorry if I have misled you but a conference costs tens of thousands of dollars, and my assumption was that either the sponsor will pay or that the attendees will pay, just like an IEEE conference....

Sent from Chaouki's iPhone

> On Jun 22, 2021, at 8:52 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Hey Crystal,

>

> When I asked Chaouki about the possibility of hosting this event, the answer I received was yes, we can do this.

Historically, when the sponsor of the project wants to do an event at GT, they do not pay for anything. This would be the first time where a sponsor has to pay for a room to hold an event for a program in which GT is a performer.

>

> Chaouki, what am I missing here?

>

> Thanks,

> —

> Manos Antonakakis, Ph.D. | manos@gatech.edu

> College of Engineering Dean's Professorship Chair and Associate Professor

> Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)

> School of Electrical and Computer Engineering | Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_

> From: Clement, Crystal D <crystal.clement@pe.gatech.edu>

> Sent: Tuesday, June 22, 2021 11:47 AM

> To: Antonakakis, Manos

> Cc: Abdallah, Chaouki T; Gargis, Timothy A

> Subject: RE: Conference  
>  
> Hi Manos,  
> Can you tell me who told you there would be no fee? I do not know anything about an event with no fee.  
>  
> Thanks!

>  
> Crystal Clement  
> Sales Manager  
> Georgia Institute of Technology  
> 84 5th Street NW, Atlanta, GA 30308-1031  
> 404-385-1690 | crystal.clement@pe.gatech.edu  
> gatechcenter.com  
> Keep up with GTPE  
> 2018 Impact Report | LinkedIn | Facebook

> -----Original Message-----

> From: Antonakakis, Manos <manos@gatech.edu>  
> Sent: Tuesday, June 22, 2021 11:45 AM  
> To: Clement, Crystal D <crystal.clement@pe.gatech.edu>  
> Cc: Abdallah, Chaouki T <ctabdallah@gatech.edu>  
> Subject: Re: Conference

>  
> Crystal, can you please explain to me what this contract is about? I was under the impression that there will be no fee associated with this because DARPA is honoring us by moving the PI meeting in Atlanta.

>  
> Thanks,

> —

> Manos Antonakakis, Ph.D. | manos@gatech.edu College of Engineering Dean's Professorship Chair and Associate Professor Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS) School of Electrical and Computer Engineering | Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> \_\_\_\_\_  
> From: Clement, Crystal D <crystal.clement@pe.gatech.edu>  
> Sent: Tuesday, June 22, 2021 11:41 AM  
> To: Schneck, Christopher (contr-i2o); Antonakakis, Manos  
> Cc: Kline, Allison  
> Subject: RE: Conference

>  
> Hi Chris,  
> Good to hear from you. Let me know who will be signing the contract so we will know if you will be working with Tim or myself.

>  
> Thanks!

> Crystal Clement  
> Sales Manager  
> Georgia Institute of Technology  
> 84 5th Street NW, Atlanta, GA 30308-1031  
> 404-385-1690 | crystal.clement@pe.gatech.edu<mailto:crystal.clement@pe.gatech.edu>  
> gatechcenter.com<<http://www.gatechcenter.com/>>  
> Keep up with GTPE  
> 2018 Impact Report<<https://pe.gatech.edu/2018-impact-report>> | LinkedIn | Facebook

>  
> From: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
> Sent: Monday, June 21, 2021 5:07 PM  
> To: Antonakakis, Manos <manos@gatech.edu>; Gargis, Timothy A <tim.gargis@pe.gatech.edu>; Clement, Crystal D



<crystal.clement@pe.gatech.edu>

> Cc: Kline, Allison <allison.kline@darpa.mil>

> Subject: RE: Conference

>  
> Crystal and Tim,  
>  
> Nice to meet you, I look forward to working with you all to set up this event.

>  
> We are looking to hold a conference to conduct live demonstrations over 2 days from 30-31 Aug. Ideally, we will want a large conference room with a few smaller rooms to conduct breakout sessions if needed. I do not have a good count yet, but previous conferences had about 80 people. I suspect due to Covid, these numbers will be smaller. The break out rooms should hold 10/15 people max. The conference room should also be set up for Video Tele-Conferencing. I would prefer to use ZoomGov if that is possible. I have an account that can initiate the meeting, you will need a way to view and present a live camera feed and audio either through the desktop application, web browser, phone, or combination thereof.

>  
> Daily schedule will be:

>  
> 0830-0900: arrival, breakfast/coffee  
> 0900-1200: presentations  
> 1200-1300 lunch  
> 1300-1700: presentations

>  
> What did I miss, what other questions do I need to answer for logistics/event management?

>  
> V/r,

>  
> Chris Schneck  
> DARPA I2O SETA  
> 571-218-4429 (office)  
> 571-524-3821 (cell)  
> 918-6691

>  
> From: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>

> Sent: Tuesday, June 15, 2021 9:15 AM

> To: Gargis, Timothy A <tim.gargis@pe.gatech.edu<mailto:tim.gargis@pe.gatech.edu>>; Clement, Crystal D <crystal.clement@pe.gatech.edu<mailto:crystal.clement@pe.gatech.edu>>

> Cc: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil<mailto:christopher.schneck.ctr@darpa.mil>>; Kline, Allison <allison.kline@darpa.mil<mailto:allison.kline@darpa.mil>>

> Subject: Re: Conference

>  
> Chaouki and Raheem, many thanks I am moving you to BCC.

>  
> Crystal and Tim, very pleased to meet you! Allow me to introduce you to the DARPA team. I suspect that Chris will reach out to discuss the details about this PI meeting/conference with you.

>  
> Thanks,

> —  
> Manos Antonakakis, Ph.D. | manos@gatech.edu <<mailto:manos@gatech.edu>>

> College of Engineering Dean's Professorship Chair and Associate Professor Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS) School of Electrical and Computer Engineering | Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>  
>  
> From: Abdallah, Chaouki T <ctabdallah@gatech.edu<mailto:ctabdallah@gatech.edu>>

> Date: Tuesday, June 15, 2021 at 7:43 AM

> To: Gargis, Timothy A <tim.gargis@pe.gatech.edu<mailto:tim.gargis@pe.gatech.edu>>, Clement, Crystal D

<crystal.clement@pe.gatech.edu<mailto:crystal.clement@pe.gatech.edu>>, Antonakakis, Manos  
<manos@gatech.edu<mailto:manos@gatech.edu>>, Beyah, Raheem A  
<rbeyah@coe.gatech.edu<mailto:rbeyah@coe.gatech.edu>>  
> Subject: FW: Conference  
> Crystal & Tim,  
>  
> Professor Manos Antonakakis would like to host a high-level conference at Georgia tech. Via this email, I am putting you in touch with him in order to assist.  
>  
> Chaouki T Abdallah  
>  
> Professor of Electrical & Computer Engineering Executive Vice President for Research Georgia Institute of Technology  
> 225 North Avenue, Carnegie Building  
> Atlanta, Georgia 30332-0325  
>  
> From: Fox, Kelly <kelly.fox@gatech.edu<mailto:kelly.fox@gatech.edu>>  
> Date: Tuesday, June 15, 2021 at 7:38 AM  
> To: Abdallah, Chaouki T <ctabdallah@gatech.edu<mailto:ctabdallah@gatech.edu>>, McLaughlin, Steven W  
<swm@gatech.edu<mailto:swm@gatech.edu>>  
> Subject: RE: Conference  
> Please work with Crystal Clement – crystal.clement@pe.gatech.edu<mailto:crystal.clement@pe.gatech.edu> or Tim Gargis at tim.gargis@pe.gatech.edu<mailto:tim.gargis@pe.gatech.edu>.  
>  
> Thanks – Kelly  
>  
> From: Abdallah, Chaouki T <ctabdallah@gatech.edu<mailto:ctabdallah@gatech.edu>>  
> Sent: Monday, June 14, 2021 8:13 PM  
> To: Fox, Kelly <kelly.fox@gatech.edu<mailto:kelly.fox@gatech.edu>>; McLaughlin, Steven W  
<swm@gatech.edu<mailto:swm@gatech.edu>>  
> Subject: Conference  
>  
> Kelly,  
> This is about the DARPA conference I mentioned during last week's ELT. Can you please put him in touch with the appropriate folks who can help in conference management/arrangement?  
>  
>  
> Chaouki T. Abdallah  
> Professor of Electrical & Computer Engineering Executive Vice President for Research Georgia Institute of Technology  
> 225 North Avenue  
> Atlanta, GA 30332-0325  
>  
>  
>  
> From: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>  
> Date: Monday, June 14, 2021 at 7:18 PM  
> To: Beyah, Raheem A <ab207@gatech.edu<mailto:ab207@gatech.edu>>  
> Cc: Abdallah, Chaouki T <ctabdallah@gatech.edu<mailto:ctabdallah@gatech.edu>>, McLaughlin, Steven W  
<swm@gatech.edu<mailto:swm@gatech.edu>>  
> Subject: Re:  
> Much obliged, Raheem!  
>  
> On other news, I think I was able to convince GEN Stanton (<https://www.arcyber.army.mil/Leaders/Leaders-Article-View-Page/Article/2463463/brig-gen-paul-t-stanton/>) to show up at GT for the final EA PI meeting. He will be giving the keynote for the event. It would be nice if one of you could introduce him to the audience and welcome him at GT.  
>  
> The rumor has it that he will be the next head of NSA and USCC. It would be nice to think as GT being a friendly place for him.

>

> Chaouki/Raheem, I will be CCing in an email with DARPA EA PM so we can finalize the date for the event. Chaouki, we are still good to go after your discussion with Angel about hosting this event, correct?

>

> Many thanks, Manos

>

>

>

> \_\_\_\_\_

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Wednesday, March 17, 2021 1:32:08 PM  
**To:** McLaughlin, Steven W<swm@gatech.edu>  
**Subject:** Re: Confirming

□□

**From:** McLaughlin, Steven W <swm@gatech.edu>  
**Sent:** Wednesday, March 17, 2021 8:31:39 AM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: Confirming

No allergies, just light snacks would be great  
Thx again!

\*\*\*\*\*


Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs  
Georgia Institute of Technology

\*\*\*\*\*

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Wednesday, March 17, 2021 at 8:30 AM  
**To:** "McLaughlin, Steven W" <swm@gatech.edu>  
**Subject:** Re: Confirming

I sure can.

  
I might create a few snacks. Any allergies?

---

**From:** McLaughlin, Steven W <swm@gatech.edu>  
**Sent:** Wednesday, March 17, 2021 8:28:33 AM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: Confirming  
Cool – will probably come shortly after that – can you send me your address again?  
\*\*\*\*\*

Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs  
Georgia Institute of Technology

\*\*\*\*\*

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Wednesday, March 17, 2021 at 8:27 AM  
**To:** "McLaughlin, Steven W" <swm@gatech.edu>  
**Subject:** Re: Confirming

Steve, I have blocked everything after 14.00 for this catch up. You are welcome anytime you want to come over.  
Still have my address?  
Thanks, Manos

---

**From:** McLaughlin, Steven W <swm@gatech.edu>  
**Sent:** Wednesday, March 17, 2021 5:36:38 AM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Confirming

Hi Manos

Just confirming - Fri afternoon still works for me – hopefully for you too. I have blocked the entire afternoon both to get some things done and take a much needed break – so I can come over anytime after 1pm – let me know the best time for you.

Looking forward to catching up.

Best

Steve

\*\*\*\*\*

Steve McLaughlin

Provost and Executive Vice President for Academic Affairs

Georgia Institute of Technology

Atlanta, GA 30332

\*\*\*\*\*

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Saturday, July 10, 2021 3:32:35 AM  
**To:** Beyah, Raheem A<rbeyah@coe.gatech.edu>  
**CC:** Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Subject:** Re: DARPA incubator at GT - update

Absolutely, gentlemen. Anytime you want.

I wish I could share what we did for DoD today. I will try to get someone high up to send you a "thank you" note.

Thanks, Manos

**From:** Beyah, Raheem A <rbeyah@coe.gatech.edu>  
**Sent:** Thursday, July 8, 2021 3:52:18 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Cc:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Subject:** Re: DARPA incubator at GT - update  
Got it. Thx for the update.

Traveling now. Let's grab drinks in a week or so to catch up. Will ping you. Thx.

> On Jul 7, 2021, at 11:11 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Gentlemen, one additional financial information I just found out from them.

>

> When the RFI comes in and if we decide to respond, they would expect our response to be between \$12M-\$15M per year. That should include cost for data, infrastructure, research and personnel. These are the budget levels they have right now, so they are much lower the \$30M per year we were talking about initially.

>

> I suspect that if this effort is successful after the first year, they will likely grow it bigger. Unclear how big this can get at the end.

>

> Thanks, Manos

>

>

---

> From: Antonakakis, Manos  
> Sent: Tuesday, July 6, 2021 7:12 PM  
> To: Abdallah, Chaouki T; Beyah, Raheem A  
> Subject: DARPA incubator at GT - update

>

> Folks,

>

> I just got off the phone with DARPA. The idea we have been floating around having GT become an innovation center around data analytics and machine learning looks like is getting traction with their leadership. They start asking questions about policy around data handling, and access to the data and computing infrastructure for future performers and transition partners of DARPA projects. Obviously, I was not able to give them any concrete answers, because I suspect GT legal and Chaouki's team will have to be deeply involved before any statements can be made on behalf of GT.

>

> Instead, I told them that theoretically everything is possible but in order for us to provide solid answers to DARPA I would like to see a formal RFI email from DARPA. Then we will know that this is as serious as it looks and we can justify the discussion with legal and Chaouki's team.

>

> Even after this RFI arrives, my advice is to have a meeting where we discuss our options. Certainly, there are many pros (funding, impact, prestige, etc.) but also cons (especially around risk of data loss) that we should seriously consider before replying to DARPA.

>

> While DARPA would prefer me leading this, I promise you that I will support and help anyone you want me to for the GT PI role.

>

> This is a heads up for an upcoming DARPA RFI.

>

> Thanks, Manos

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Thursday, April 15, 2021 3:09:40 PM  
**To:** Beyah, Raheem A<rbeyah@coe.gatech.edu>; Egerstedt, Magnus<magnus.egerstedt@ece.gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>  
**CC:** Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Re: Fabian Monroe would like to move to GT-ECE

Gentlemen, hope you are doing great!

Since this email, Raheem and Magnus have touched base with Fabian and my understanding is that there is interest in getting him at GT. Fabian and his wife visited me last weekend and they stated how excited they are to move down at GT. Actually, Fabian told me that he will be willing to move as fast as we want him to.

May I ask what is our game plan from this point on? If my understanding is correct, someone should be inviting him over for a talk a set of meeting, right? Is that someone me, or Angelos or someone else?

Many thanks, Manos

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Date:** Thursday, January 14, 2021 at 8:47 PM  
**To:** Beyah, Raheem A <rbeyah@ece.gatech.edu>, Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>, McLaughlin, Steven W <swm@gatech.edu>  
**Cc:** Keromytis, Angelos D <angelos@gatech.edu>  
**Subject:** Fabian Monroe would like to move to GT-ECE

Gentlemen, happy new year!

Just finished an hour long call with Fabian (<https://cs.unc.edu/people/fabian-monrose/>). He told me that he is ready to talk with us about moving down to Georgia. The main reasons for this move are:

- He has been working very closely with Angelos and me over the last 5 years. He wants to join a group where with his last career move, he can great research things done.
- He has seen what we have done at ECE when it comes to the new Center and he wants to be part of that so he can help us grow it.
- His daughter is in discussion with Emory for her undergrad. Him and his wife would really like the idea to be close to her if she accepts Emory.
- He is considering moving his startup in Atlanta as a way to further grow it.

He is planing to reach out to me and Angelos next week so we can start talking about if/how this can be done. Before Angelos and I (who are *very* close friends with him) get into these discussions, I would like to get a sense if their is interest from CoE/ECE in hiring such a rock star in Security or we do not have the capacity/appetite for another rock start in Computer Security after hiring Angelos?

Many thanks, Manos



**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Monday, January 25, 2021 10:38:25 PM  
**To:** Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Subject:** Re: Feedback on Capitol Buzz

Hey Chaouki,

I would recommend that you report this to the Supervisory Special Agent, Chad Hunt, who works at the local FBI here in Atlanta ([chunt@fbi.gov](mailto:chunt@fbi.gov)). This email appears to fall under Title 18, US Code 2261A, paragraphs 1(A) and B regarding issues around stocking and death threats. I suspect that Chad will need at least three type of information from you.

First, he will need the inline email unredacted. Second, he will need the \*header information\* from one of the original recipients of this email. I would suggest that you work with IT to extract these from the original email you received from the protonmail account. Third, I would ask someone from legal to help you draft the actual note you will email Chad, articulating clearly the emotional distress and actual fear for physical harm and even death that this email caused to the recipients.

What I suspect that Chad will do is pass this note, alongside the evidence, to the GA District Attorney office, where the actual determination will take place if a case will have to be opened for this incident. History taught me that the better job you do in crafting this note to Chad, the more chances we have to get an actual investigation opened by the GA DA office.

Feel free to drop my name or even CC me if you need someone technical liaison between the School and the local FBI office for this incident. Chad and I have been working together for many years.

Many thanks, Manos

---

**From:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Date:** Monday, January 25, 2021 at 2:51 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** FW: Feedback on Capitol Buzz

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
**Georgia Institute of Technology**  
**225 North Avenue**  
**Atlanta, GA 30332-0325**

---

**From:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Date:** Tuesday, January 19, 2021 at 12:10 PM  
**To:** Fox, Kelly <kelly.fox@gatech.edu>, Kopkowski, Renee <renee.kopkowski@gatech.edu>, Cabrera, Angel <angel.cabrera@gatech.edu>, Neville, Frank E <frank.neville@gatech.edu>, McLaughlin, Steven W <swm@gatech.edu>  
**Subject:** Re: Feedback on Capitol Buzz

We have experts on attribution if we ever decide to check on the true origin of the message...

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
**Georgia Institute of Technology**  
**225 North Avenue**  
**Atlanta, GA 30332-0325**

---

**From:** Fox, Kelly <kelly.fox@gatech.edu>  
**Date:** Tuesday, January 19, 2021 at 12:10 PM  
**To:** Kopkowski, Renee <renee.kopkowski@gatech.edu>, Abdallah, Chaouki T <ctabdallah@gatech.edu>, Cabrera, Angel <angel.cabrera@gatech.edu>, Neville, Frank E <frank.neville@gatech.edu>, McLaughlin, Steven W <swm@gatech.edu>

**Subject:** RE: Feedback on Capitol Buzz

Thanks. I sent to chief. – Kelly

**From:** Kopkowski, Renee

**Sent:** Tuesday, January 19, 2021 11:34 AM

**To:** Abdallah, Chaouki T <ctabdallah@gatech.edu>; Cabrera, Angel <angel.cabrera@gatech.edu>; Neville, Frank E <frank.neville@gatech.edu>; Fox, Kelly <kelly.fox@gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>

**Subject:** Re: Feedback on Capitol Buzz

Yep. This one ranks up there with the email calling us all Nazis for changing doubles to singles in housing to slow the spread. We live in such happy times.

Renee Kopkowski

Vice President

Institute Communications

Georgia Institute of Technology

Phone: 404-894-0852; Cell: 404-376-2470

[www.gatech.edu](http://www.gatech.edu)

**Make testing part of your weekly routine. Register at [mytest.gatech.edu](https://mytest.gatech.edu)#JacketsProtectJackets**

**From:** "Abdallah, Chaouki T" <ctabdallah@gatech.edu>

**Date:** Tuesday, January 19, 2021 at 11:31 AM

**To:** "Cabrera, Angel" <angel.cabrera@gatech.edu>, "Neville, Frank E" <frank.neville@gatech.edu>, "Fox, Kelly" <kelly.fox@gatech.edu>, "Kopkowski, Renee" <renee.kopkowski@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>

**Subject:** Fwd: Feedback on Capitol Buzz

What a sweet message. Should we send to the chief of police?

Chaouki T. Abdallah

Professor of Electrical & Computer Engineering

Executive Vice President for Research

Georgia Institute of Technology

Begin forwarded message:

**From:** Georgia Tech Covid Response <[Gatech\\_covid@protonmail.com](mailto:Gatech_covid@protonmail.com)>

**Date:** January 19, 2021 at 11:29:08 EST

**To:** GT GCR <[gcr@gatech.edu](mailto:gcr@gatech.edu)>

**Cc:** "Cabrera, Angel" <angel.cabrera@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, Provost Steve McLaughlin <[provost@gatech.edu](mailto:provost@gatech.edu)>, "Fox, Kelly" <[kelly.fox@gatech.edu](mailto:kelly.fox@gatech.edu)>

**Subject:** Feedback on Capitol Buzz

**Reply-To:** Georgia Tech Covid Response <[Gatech\\_covid@protonmail.com](mailto:Gatech_covid@protonmail.com)>

Georgia Tech Communists,

First of all, fuck your covid nonsense. Do you have an IQ above 70? Covid-19 is nothing more than social engineering designed to ease the way into the so-called "great reset" and communism. That should be obvious to everybody by now. Look around and objectively see what is happening to the USA. Your insipid communications are aiding the enemy.

And you mention Brian Kemp? He is a traitor to the USA. If you're promoting Brian Kemp, you need to slit your own throats right now. Kemp was instrumental in the voter fraud that consumed the state of Georgia. You now have zero credibility name-dropping that criminal.

Why is the \$5 million program to keep juniors and seniors in school focused on MINORITY STUDENTS? Why not \*all\* students, assholes? Your motherfuckers are really asking for it. Keep pushing all this crap. The war is coming to YOU.

GaTech Covid Truthforce

---

Last week, the Georgia General Assembly's 236 state legislators convened for the start of 2021 Legislative Session. Of particular note this session are the policies and procedures enacted by the House and Senate to protect members, staff, and the general public from the coronavirus for the duration of the 40 day session. Beyond requiring social distancing and masks during meetings and votes, the House and Senate are also requiring all members and staff be tested twice per week as part of a Georgia Tech-sponsored COVID-19 surveillance testing program similar to the one implemented on campus. Through this unique opportunity, Georgia Tech is providing nearly 1400 tests per week on site at the Capitol building in order to prevent the asymptomatic spread of the coronavirus. We are grateful not only for the General Assembly entrusting us with this incredible opportunity to serve our state but also for our partners here on campus as well as at Northeast Georgia Health System who are assisting us in keeping our state's leaders safe.

On Thursday, Governor Brian Kemp delivered his State of the State Address and released his budget recommendations for Adjusted Fiscal Year (AFY) 2021 and Fiscal Year 2022. To briefly recap the State of the State Address, Governor Kemp emphasized his continued focus on the state's response to the pandemic and protecting both the lives and livelihoods of all Georgians. The Governor announced that, as of earlier this week, 283,000 Georgians had been vaccinated, 5.7 million tests have been performed, and the state has secured enough PPE supplies to last 80 days. Furthermore, the Governor noted Georgia's ranking as the "#1 State for Business" for the 8<sup>th</sup> consecutive year as well as several notable legislative priorities including the expansion of a PPE tax credit and the reform of the state's outdated citizen's arrest law.

Regarding the Governor's budget recommendations, we are pleased to announce that no budget reductions, tax increases, or widespread state employee layoffs are expected this year in light of Georgia's economic resiliency in the face of the pandemic. While Georgia Tech is not seeking a bond-funded project this year, we will be working hard to support the University System and our sister institutions in advocating for \$61.475 million in new formula funds for system-wide enrollment increases as well as \$70 million in bond funding for major repair and rehabilitations to aging USG facilities. Below, you will find several notable items included within the Governor's budget recommendation:

- \$20 million for this fiscal year and \$10 million per year moving forward to boost access to rural broadband grants to quickly improve internet access for the people of rural Georgia
- Nearly \$40 million for the OneGeorgia Authority to establish a Rural Innovation Fund to provide a readily available pool of resources that empowers rural Georgia businesses and entrepreneurs to get create, expand, and thrive
- \$647 million in the AFY 21 budget to restore funding to K-12 school systems across the state, fully fund enrollment growth, and hold schools harmless for enrollment reductions – with \$573 million allocated to continue those efforts in the FY 22 budget

- \$5 million for a pilot program through the USG to keep up to 10,000 juniors and seniors with unmet financial obligations enrolled in college – this program will focus on institutions serving minority students

We will continue to work over the next few weeks with House and Senate leadership to protect our budget priorities. The Chancellor will present the University System's budget today to the Joint House and Senate Appropriations Committee.

Office of Institute Relations  
Georgia Institute of Technology  
404.894.1238

**From:** "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

**Sent on:** Saturday, July 3, 2021 8:09:34 PM

**To:** Nie, Ling-Ling <linglingnie@gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Lunon, Darryl <dl91@gatech.edu>

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hey Ling-Ling,

Dave's lawyer would like to talk to me. I am not sure about what,

---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Date:** Friday, July 2, 2021 at 8:01 PM

**To:** Nie, Ling-Ling <linglingnie@gatech.edu>, McLaughlin, Steven W <swm@gatech.edu>, Abdallah, Chaouki T <ctabdallah@gatech.edu>, Wasch, Kate <kate.wasch@legal.gatech.edu>, Lunon, Darryl <dl91@gatech.edu>

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Much obliged, Ling-Ling.

Thanks, Manos

---

**From:** Nie, Ling-Ling <linglingnie@gatech.edu>

**Sent:** Friday, July 2, 2021 19:50

**To:** Antonakakis, Manos; McLaughlin, Steven W; Abdallah, Chaouki T; Wasch, Kate; Lunon, Darryl

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thanks for forwarding. I'm copying Kate's correct email address and adding Darryl. We will confer internally and come back to you early next week as there are some people who are out of the office for the holiday weekend that we will need to loop in.

---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Friday, July 2, 2021 2:39 PM

**To:** McLaughlin, Steven W; Abdallah, Chaouki T; kate.wesch@legal.gatech.edu; Nie, Ling-Ling

**Subject:** Fw: FGJ Subpoena for Manos Antonakakis

Hey Steve/Chaouki/Kate/Ling-Ling,

Hope you are doing great! Evidently I need to appear in front of a Grand Jury on July 15th. Any idea if I should talk with GT counsel before or if anyone from GT should be with me in this testimony?

This is a first for me so I am not sure what to do next.

Thanks, Manos

---

**From:** Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>

**Sent:** Friday, July 2, 2021 4:28 PM

**To:** Antonakakis, Manos

**Cc:** kate.wesch@legal.gatech.edu; Fuhrman, Tim (JMD)

**Subject:** FGJ Subpoena for Manos Antonakakis

Dear Mr. Antonakakis - This is Jack Eckenrode, an Investigator with the US Justice Department. Together with my colleague Tim Fuhrman, copied here, with whom you may have had previous contact, we are attaching a federal grand jury subpoena seeking your testimony in Washington, DC on July 15, 2021 at 1:00pm. You should feel free to contact either one of us in the event that you have any questions related to the subpoena or your appearance.

Also copied for her awareness is Kate Wasch, legal counsel from Georgia Tech.

**From:** McLaughlin, Steven W <sm140@gatech.edu>  
**Sent on:** Sunday, July 25, 2021 2:23:25 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Will do - thx

\*\*\*\*\*

Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs  
Georgia Institute of Technology  
\*\*\*\*\*

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Sunday, July 25, 2021 at 9:19 AM  
**To:** "McLaughlin, Steven W" <sm140@gatech.edu>  
**Subject:** Re: FGJ Subpoena for Manos Antonakakis  
Absolutely, Steve. You can call me anytime you want.  
Thanks, Manos

---

**From:** McLaughlin, Steven W <sm140@gatech.edu>  
**Sent:** Sunday, July 25, 2021 8:51:00 AM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** FW: FGJ Subpoena for Manos Antonakakis  
Hi Manos

Can we catch up at 10am tomorrow morning? Did not get an update from them so just want to catch up.

Thx

Steve

\*\*\*\*\*

Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs  
Georgia Institute of Technology  
\*\*\*\*\*

---

**From:** "Nie, Ling-Ling" <linglingnie@gatech.edu>  
**Date:** Saturday, July 24, 2021 at 11:32 AM  
**To:** "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>  
**Subject:** Re: FGJ Subpoena for Manos Antonakakis  
Hi Manos: Thank you for your thoughtful email. I know these last few weeks have been a whirlwind. I will ask my assistant to reach out on Monday to schedule time for all of us to talk further.  
Ling-Ling

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Saturday, July 24, 2021 10:50 AM  
**To:** McLaughlin, Steven W; Abdallah, Chaouki T; Nie, Ling-Ling  
**Subject:** Re: FGJ Subpoena for Manos Antonakakis  
Hey Steve, Chaouki and Ling-Ling,  
Hope you are doing great.

I have not been bothering you about this because I have been told by Christian (who is an absolute Rock star!) that Ling-Ling (or someone in her team) has been communicating to you what is going on with this situation.

This email is not about me explaining to you that I have done nothing wrong. I suspect that now that Christian has all the information he needs he can independently arrive at that conclusion and communicate what needs to be communicated to you.

This email is about the key question, "And now what?"

From where I stand, and for the first time in my life I felt that I am being investigated by law enforcement because of my

ideas and the work I have done for the USG/DoD. For the first time since the moment I landed in Dulles international airport on October 1st of 2004, I had a serious discussion with my wife about moving back to Greece. Most importantly, however, I brought unnecessary attention from the DoJ in my working environment. This besides potentially hurting my reputation within GT (even if it is from an optics point of view) it also personally disappoints me greatly, because as a GT PhD student (2006-2012) and now as a faculty (2014-now) I always had as a goal to bring good news, recognition and success to GT --- and certainly not the attention of a special council.

If I make an attempt to come in your shoes, it would be absolutely reasonable for all of you to have questions about the risk that my research (and perhaps even myself) could bring to the Institute in the future. Therefore, when the dust settles I would like to have a discussion with all of you about the following two key open questions:

1. First and foremost, how do you feel about my actions now that GT legal has a plethora of my emails and after I spent countless hours explaining to everyone why I did what I did at the time I did it? If you think I did something unethical (not necessarily illegal) I will work with GT to smoothly (see running projects, students, SOW deliverables, etc.) or otherwise transition out. You have my word on this.
2. Big data analysis and machine learning for attack attribution is the future. After all these events with this politically driven inquisition, I need to see if there is a place where I can keep working on this research space that I invented over the last 5 years through my work in EA. What I would like to know is how GT upper management and legal feels about my line of research after all these events? Is GT a place that would welcome more innovation in this space, or this is simply not your (read is as GT's) cup of tea anymore?

Finally, I will leave you with an anecdote and a thought. During one of my interviews with the Special Counsel prosecutor, I was asked point blank by Mr. DeFilippis, "Do you believe that DARPA should be instructing you to investigate the origins of a hacker (Guccifer\_2.0) that hacked a political entity (DNC)?" Let that sync for a moment, folks. Someone hacked a political party (DNC, in this case), in the middle of an election year (2016), and the lead investigator of DoJ's special council would question whether US researchers working for DARPA should conduct investigations in this matter is "acceptable"! While I was tempted to say back to him "What if this hacker hacked GOP? Would you want me to investigate him then?", I kept my cool and I told him that this is a question for DARPA's director, and not for me to answer.

Steve, Chaouki and Ling-Ling; please, try to imagine a "United States of America" where investigations and prosecutions are determined by ideas and political believes. This has been tried before in human history and the results of it was forced labor and Gulags.

Folks, I strongly believe we will need this type of research and much more innovation in this space to preserve our democracy. This is factually true for a single yet fundamental reason: data driven scientific attribution is unbiased politically. Data belongs to no political party. Our nation's adversaries will keep attacking our country --- I am certain of this because their attacks simply work and are tremendously impactful to our society.

Thank you and have a great weekend.

PS. I am writing this email on a weekend because this is my first downtime since July 2<sup>nd</sup> when I received the subpoena. Thanks, Manos

---

**From:** "Nie, Ling-Ling" <linglingnie@gatech.edu>

**Date:** Friday, July 2, 2021 at 7:50 PM

**To:** "Antonakakis, Manos" <manos@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "Wasch, Kate" <kate.wasch@legal.gatech.edu>, "Lunon, Darryl" <dl91@gatech.edu>

**Subject:** Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thanks for forwarding. I'm copying Kate's correct email address and adding Darryl. We will confer internally and come back to you early next week as there are some people who are out of the office for the holiday weekend that we will need to loop in.

---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Friday, July 2, 2021 2:39 PM

**To:** McLaughlin, Steven W; Abdallah, Chaouki T; kate.wesch@legal.gatech.edu; Nie, Ling-Ling

**Subject:** Fw: FGJ Subpoena for Manos Antonakakis

Hey Steve/Chaouki/Kate/Ling-Ling,

Hope you are doing great! Evidently I need to appear in front of a Grand Jury on July 15th. Any idea if I should talk with GT counsel before or if anyone from GT should be with me in this testimony?

This is a first for me so I am not sure what to do next.



Thanks, Manos

---

From: Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>  
Sent: Friday, July 2, 2021 4:28 PM  
To: Antonakakis, Manos  
Cc: kate.wesch@legal.gatech.edu; Fuhrman, Tim (JMD)  
Subject: FGJ Subpoena for Manos Antonakakis

Dear Mr. Antonakakis - This is Jack Eckenrode, an Investigator with the US Justice Department. Together with my colleague Tim Fuhrman, copied here, with whom you may have had previous contact, we are attaching a federal grand jury subpoena seeking your testimony in Washington, DC on July 15, 2021 at 1:00pm. You should feel free to contact either one of us in the event that you have any questions related to the subpoena or your appearance.

Also copied for her awareness is Kate Wasch, legal counsel from Georgia Tech.

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Tuesday, June 16, 2020 1:24:04 PM  
To: McLaughlin, Steven W <swm@coe.gatech.edu>  
Subject: Re: Follow up from DOJ

Absolutely, Steve. I will make 5.30 work.

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu  
College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: McLaughlin, Steven W <swm@coe.gatech.edu>  
Sent: Tuesday, June 16, 2020 8:14 AM  
To: Antonakakis, Manos  
Cc: McLaughlin, Steven W  
Subject: Re: Follow up from DOJ

Hi Manos

Thanks - would be good to have a quick chat later today? Any chance 5:30p works for you?

Thx

Steve

\*\*\*\*\*

Steve McLaughlin

Dean and Southern Company Chair

College of Engineering

Georgia Institute of Technology

Atlanta, GA 30332

---

From: Antonakakis, Manos <manos@gatech.edu>  
Sent: Monday, June 15, 2020 1:46 PM  
To: Wasch, Kate <kate.wasch@legal.gatech.edu>  
Cc: McLaughlin, Steven W <swm@coe.gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>  
Subject: Re: Follow up from DOJ

Hey Kate, thank you for your note.

I am very busy with EA for at least until the end of July. I was planning to take some time off after these major EA milestones ahead of us, and then I will be starting a new research project on 5G security with DARPA as the PI. This means I will have to handle contractual and other management issues around bootstrapping this new large DARPA research project. All these means that I will not be able to do potentially meaningful work (and this depends on what the actual ask from DoJ really is) until September for this investigator.

Now, neither member of my team nor me will talk to anyone \*until\* I get explicit direction from the Dean of COE and/or EVPR that GT wants my team to get involved in this investigation. Assuming we end up as GT helping out DoJ in this investigation, I would like to understand how GT (Steve and Chaouki) plans to protect me and my researchers when our attribution analysis become public and we have extreme people from either the far right (i.e., KKK) or the far left (i.e., Antifa) --- that do not like our findings for whatever reason --- come visiting us in our homes.

When I get answers to all these, then we can schedule a call with the DoJ investigator about what explicitly they want us to do. For that call, I would like someone from GT legal to be on the call, just in case the discussion goes down a path that could be potentially damaging for GT's reputation (i.e., the DoJ is borderline unethical or even illegal). It would not be fair for just me to be responsible for that.

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu  
College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Wasch, Kate <kate.wasch@legal.gatech.edu>  
Sent: Monday, June 15, 2020 1:13 PM  
To: Dagon, David S; Antonakakis, Manos  
Subject: Follow up from DOJ

Good afternoon, gentlemen. DARPA confirmed in a telephone call with us that you may speak to the DOJ and their investigator. Please let me know if you are willing to do so.

Kate Wasch  
Chief Counsel  
Employment & Litigation  
Office of Legal Affairs  
Georgia Institute of Technology  
Atlanta, GA 30332-0495  
(404)894-4812

Most communications to or from Georgia Tech employees are a public record and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response may be subject to public disclosure.

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Friday, June 19, 2020 10:19:01 PM  
To: Wasch, Kate <kate.wasch@legal.gatech.edu>  
CC: McLaughlin, Steven W <swm@coe.gatech.edu>; Dagon, David S <dd92@gatech.edu>  
Subject: Re: Follow up from DOJ

Kate, many thanks for the update. I will let you know if anyone reaches out to me or a member of my research team about this topic.

Have a great weekend!

---

Manos Antonakakis, Ph.D. | manos@gatech.edu  
College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Wasch, Kate <kate.wasch@legal.gatech.edu>  
Sent: Friday, June 19, 2020 3:50 PM  
To: Antonakakis, Manos  
Cc: McLaughlin, Steven W; Dagon, David S  
Subject: RE: Follow up from DOJ

Thanks for your response, Manos. I have informed the US Attorney that you and David are not willing to speak with him at this time, and that Georgia Tech will not require you to do so, since we have not received a subpoena or formal request.

Please let me now if you have questions, or if anything further develops.

Kate

-----Original Message-----

From: Antonakakis, Manos <manos@gatech.edu>  
Sent: Monday, June 15, 2020 1:47 PM  
To: Wasch, Kate <kate.wasch@legal.gatech.edu>  
Cc: McLaughlin, Steven W <swm@coe.gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>  
Subject: Re: Follow up from DOJ

Hey Kate, thank you for your note.

I am very busy with EA for at least until the end of July. I was planning to take some time off after these major EA milestones ahead of us, and then I will be starting a new research project on 5G security with DARPA as the PI. This means I will have to handle contractual and other management issues around bootstrapping this new large DARPA research project. All these means that I will not be able to do potentially meaningful work (and this depends on what the actual ask from DoJ really is) until September for this investigator.

Now, neither member of my team nor me will talk to anyone \*until\* I get explicit direction from the Dean of COE and/or EVPR that GT wants my team to get involved in this investigation. Assuming we end up as GT helping out DoJ in this investigation, I would like to understand how GT (Steve and Chaouki) plans to protect me and my researchers when our attribution analysis become public and we have extreme people from either the far right (i.e., KKK) or the far left (i.e., Antifa) --- that do not like our findings for whatever reason --- come visiting us in our homes.

When I get answers to all these, then we can schedule a call with the DoJ investigator about what explicitly they want us

to do. For that call, I would like someone from GT legal to be on the call, just in case the discussion goes down a path that could be potentially damaging for GT's reputation (i.e., the DOJ is borderline unethical or even illegal). It would not be fair for just me to be responsible for that.

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu College of Engineering Dean's Professorship Chair and Associate Professor Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS) School of Electrical and Computer Engineering | Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Wasch, Kate <kate.wasch@legal.gatech.edu>

Sent: Monday, June 15, 2020 1:13 PM

To: Dagon, David S; Antonakakis, Manos

Subject: Follow up from DOJ

Good afternoon, gentlemen. DARPA confirmed in a telephone call with us that you may speak to the DOJ and their investigator. Please let me know if you are willing to do so.

Kate Wasch  
Chief Counsel  
Employment & Litigation  
Office of Legal Affairs  
Georgia Institute of Technology  
Atlanta, GA 30332-0495  
(404)894-4812

Most communications to or from Georgia Tech employees are a public record and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response may be subject to public disclosure.

From: Wasch, Kate <kate.wasch@legal.gatech.edu>  
Sent on: Thursday, May 21, 2020 7:26:59 PM  
To: Antonakakis, Manos <manos@gatech.edu>; [REDACTED]  
CC: Connolly, Robert <robert.connolly@police.gatech.edu>  
Subject: RE: Follow up to conversation

Thanks, Manos. That's a very helpful explanation. I will let you know what we learn tomorrow.

-----Original Message-----

From: Antonakakis, Manos <manos@gatech.edu>  
Sent: Thursday, May 21, 2020 11:51 AM  
To: Wasch, Kate <kate.wasch@legal.gatech.edu>; [REDACTED]  
Cc: Connolly, Robert <robert.connolly@police.gatech.edu>  
Subject: Re: Follow up to conversation

Kate, there are many issues here.

First and foremost for me is that I am not exactly sure what the US Attorney is looking for. If they told you that "they were interested in factual information (e.g., identifying people who discovered the back channel communications)", that is something that is outside the scope of our research program with DARPA and what I am willing to do as academic. Me and my team at GT are here to advance the science of attack attribution, not to find particular individuals. That is simply not what we do.

Now, as far as I am concerned, I need (as Primary investigator) to deliver the DARPA project to the USG in under a year. That means, I need to make sure that GT delivers the Statement of Work (SOW) for which we are liable for. If the US Attorney, DoJ or any other part of the USG wants me and my team to help them with a problem on the 11th hour of my DARPA project, at the very least the following three things needs to happen:

- DARPA not only needs to be OK with this, but they will have to send us something in writing where we are not under the gun to deliver the current SOW on time, and
- I would like to get paid (as a research lab in GT) for my effort, and
- The GT leadership will have to be OK with me doing something for the US Attorney, DoJ or any other part of the USG. I clearly cannot make that call.

So, the attitude "OK, just do this for us", from where I sit makes no sense at all. I cannot just do stuff for people. And actually, when it comes to the DARPA project I cannot say anything to anyone without DARPA's approval. More importantly, when I do something that would result in a presentation or a paper that would reach the public domain, GT has contractual obligations to go through the DISTAR inspection system where DARPA could flat out block or alter what I am about to say or publish.

Therefore, what the US Attorney is asking us to do with the current contractual obligations looks to me to be illegal. That is, if I (or my team) do or say anything about this issue (without DARPA's approval \_at the very least\_) we would be in clear violation of our DARPA contract.

Chief, you are CCed just as an FYI-

Thanks,

—

Manos Antonakakis | Associate Professor | manos@gatech.edu School of Electrical and Computer Engineering Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Wasch, Kate <kate.wasch@legal.gatech.edu>  
Sent: Thursday, May 21, 2020 11:17 AM  
To: Antonakakis, Manos; Dagon, David S

Subject: Follow up to conversation

David, thanks for making yourself available for a conversation earlier this week. From our conversation, I understand that the work the US Attorney is interested in is work GT is performing for DARPA, and the research is ongoing. Is that correct? I further understand that you are concerned primarily about the research you are doing being shared publicly. If I am wrong about that, please let me know as soon as possible.

I understood from the US Attorney that they were interested in factual information (e.g., identifying people who discovered the back channel communications) rather than the technical research you are performing. From your previous discussions with them, is that correct? I have another call with the US Attorney tomorrow afternoon.

Kate Wasch  
Chief Counsel  
Employment & Litigation  
Office of Legal Affairs  
Georgia Institute of Technology  
Atlanta, GA 30332-0495  
(404)894-4812

Most communications to or from Georgia Tech employees are a public record and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response may be subject to public disclosure.

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Thursday, January 14, 2021 6:08:43 PM  
**To:** Demar, Erica<erica.demar@gatech.edu>; steven.pilcher@osp.gatech.edu; Custodio, Victoria<victoria.custodio@osp.gatech.edu>; Sibble, Dan<Dan.Sibble@osp.gatech.edu>; Beyah, Raheem A<rbeyah@ece.gatech.edu>; Egerstedt, Magnus<magnus.egerstedt@ece.gatech.edu>  
**CC:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>; Sotiris Ioannidis<sotiris@ece.tuc.gr>; Paterakis Michalis<pateraki@telecom.tuc.gr>; Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Subject:** Re: For Your Consideration: Sub Award AWD-001829-S2 Draft Agreement & Supporting Documentation ; Georgia Tech & Technical University of Crete

Let's try the "add Chairs and Deans to the list" strategy. Perhaps now we can get some answers. Chaouki, days like this I wonder why I am still trying to bring more money in GT. Simply, baffling.  
Manos

---

**From:** Demar, Erica <erica.demar@gatech.edu>  
**Date:** Thursday, January 14, 2021 at 12:59 PM  
**To:** steven.pilcher@osp.gatech.edu <steven.pilcher@osp.gatech.edu>, Custodio, Victoria <victoria.custodio@osp.gatech.edu>, Sibble, Dan <Dan.Sibble@osp.gatech.edu>  
**Cc:** Mitchell, Michael F <michael.mitchell@ece.gatech.edu>, Antonakakis, Manos <manos@gatech.edu>, Sotiris Ioannidis <sotiris@ece.tuc.gr>, Paterakis Michalis <pateraki@telecom.tuc.gr>  
**Subject:** FW: For Your Consideration: Sub Award AWD-001829-S2 Draft Agreement & Supporting Documentation ; Georgia Tech & Technical University of Crete

All,  
I received this email on Monday. Dr. Ioannidis contacted me this morning and has not been contacted with his questions to get this sub-contract completed. We are trying very hard to keep these vendors happy and willing to work with us, but we can't keep that up indefinitely. The frustration on this from all parties involved is INCREDIBLE, as well as completely justified.

Erica Demar  
COEUS Research Program Manager  
Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology  
678-882-4133 | edemar6@gatech.edu

-----Original Message-----

**From:** Sotiris Ioannidis <sotiris@ece.tuc.gr>  
**Sent:** Monday, January 11, 2021 12:09 PM  
**To:** Custodio, Victoria <victoria.custodio@osp.gatech.edu>  
**Cc:** Michael Paterakis <pateraki@telecom.tuc.gr>; Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Demar, Erica <edemar6@gatech.edu>; steven.pilcher@osp.gatech.edu  
**Subject:** Re: For Your Consideration: Sub Award AWD-001829-S2 Draft Agreement & Supporting Documentation ; Georgia Tech & Technical University of Crete

Dear Victoria,

We registered as Georgia Tech suppliers (see attached file). We also filled in the W8 form (attached here), but we did not upload it with the registration. There was an issue that we would like to bring up. When we were about to sign, the online form said that we confirm we are US citizens. We had no option to change this.

Now, about the rest of the paperwork, can we schedule a conference call to get some guidance?

Regards,  
&si



On 8/1/21 7:58 PM, Sotiris Ioannidis wrote:

> Dear Victoria,

>

> We have been going all the documents and we are a bit lost. Are all  
> these necessary for our case? We are not a company, we are a research  
> center. Also we are not sure we can actually get some of these. E.g.  
> A-133 certification, accounting system certification.

>

> Maybe we can schedule a conference call and do a walkthrough of what  
> is necessary. Would that work?

>

> And one other (minor) correction. The name of the Organization is  
> Telecommunication Systems Institute not Technical University of Crete.  
> We are part of the Technical University of Crete, but operate  
> independently (e.g. we have our own tax id).

>

> Regards,

> &si

>

>> Θέμα: For Your Consideration: Sub Award AWD-001829-S2 Draft Agreement &  
>> Supporting Documentation ; Georgia Tech & Technical University of Crete  
>> Ημερομηνία: Mon, 28 Dec 2020 17:04:55 +0000  
>> Από: Custodio, Victoria <victoria.custodio@osp.gatech.edu>  
>> Προς: 'Sotiris Ioannidis' <sotiris@ece.tuc.gr>,  
>> 'pateraki@telecom.tuc.gr' <pateraki@telecom.tuc.gr>  
>> Κοινοποίηση: 'Mitchell, Michael F' <michael.mitchell@ece.gatech.edu>,  
>> 'Demar, Erica' <edemar6@gatech.edu>

>>

>>

>>

>> Good morning,

>>

>>

>>

>> Attached for your consideration is a draft agreement and applicable  
>> exhibits. If acceptable, please return a signed copy to my attention.

>>

>>

>>

>> Also, find attached a series of documents. These documents will be  
>> required to complete the sub award package.

>>

>>

>>

>> · Please register as a Georgia Tech supplier at the following

>> link. Registration facilitates payment:

>> <https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwd5>

>> .myworkdaysite.com%2Fsupplier%2Fgatech%2FSUPPLIER\_REGISTRATION\_PROD&a

>> mp;data=04%7C01%7Cedemar6%40gatech.edu%7Cfa8c25fc736a43b72af008d8b653

>> 9181%7C482198bbae7b4b258b7a6d7f32faa083%7C0%7C0%7C637459817674388905%

>> 7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLjBtIi6i

>> k1haWwiLCJXVCi6Mn0%3D%7C1000&amp;sdata=GHHirHRuVyssv9DIfQRivw44UmMe9f

>> PVtE0yh4bM9Lk%3D&amp;reserved=0

>> <<https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwd5>

>> 5.myworkdaysite.com%2Fsupplier%2Fgatech%2FSUPPLIER\_REGISTRATION\_PROD&

>> amp;data=04%7C01%7Cedemar6%40gatech.edu%7Cfa8c25fc736a43b72af008d8b65

>> 39181%7C482198bbae7b4b258b7a6d7f32faa083%7C0%7C0%7C637459817674388905  
>> %7CUnknown%7CTWFpbGZsb3d8eyJWljoimC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6  
>> Ik1haWwiLCJXVCI6Mn0%3D%7C1000&amp;sdata=GHHirHRuVyssv9DIfQRivw44UmMe9  
>> fPVtE0yh4bM9Lk%3D&amp;reserved=0>

>> Please monitor this registration, as our procurement team may request  
>> additional information through the registration portal.

>> Please provide the following Documents (attached):

- >> · A-133 certification
- >> · Accounting system certification
- >> · Certification regarding responsibility matters
- >> · Lobbying disclosure
- >> · DDTC/ITAR representation
- >> · FFATA reporting form
- >> · Organizational conflicts of interest form
- >> · Small business representation
- >> · Other representations and certifications
- >> · E-Verify (notary seal must be visible)
- >> · CCPD cert
- >> · Small Business Subcontracting Plan (if applicable, or letter of explanation if not provided)

>> Please note:

- >> 1. The notary seal must be visible on the E-verify form
- >> 2. DCAA/DCMA report or letter of results must be provided with the accounting system cert.

>> Best regards,

>> \*\*

>> \*Victoria Custodio\*

>>  
>> Contracting Officer, Sub-Awards  
>>  
>> Office of Sponsored Programs  
>>  
>> Georgia Institute of Technology  
>>  
>> Phone: (770) 715-2185  
>>  
>

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Monday, December 6, 2021 9:37:30 PM  
To: Koza, Kyle J <kyle.koza@security.gatech.edu>; Howell, Leo F <lhowell31@gatech.edu>; Craig, Christopher A <christopher.craig@security.gatech.edu>  
CC: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Garrison, William R <wgarrison7@gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>  
Subject: Re: FWRQST #16478

Gents, I am shocked that we are in this state.

Over two years ago we agreed with OIT and the compliance folks that came over to my office (after multiple meetings) that we will not need to install end point agents on our servers. What changed since and why I was not consulted?

As a reminder, my key research area is APT detection.

I would appreciate a call on my cell to figure out where the breakdown in the communication occurred and fix the problem asap. My cell phone number is [REDACTED]

Thanks,

---

Manos Antonakakis, Ph.D. | manos@gatech.edu  
College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology

---

From: Garrison, William R <wgarrison7@gatech.edu>  
Sent: Monday, December 6, 2021 4:07 PM  
To: Antonakakis, Manos  
Cc: Mitchell, Michael F  
Subject: FW: FWRQST #16478

Here's the main thread of how this topic got OSP involved (since the conversation started with OIT). I'm also going to forward you the email I had with Didier, in case that helps.

William Garrison | IT Support Pro Sr.  
COEUS | Astrolavos | ECE | KACB 3361  
678-522-3808 | wgarrison7@gatech.edu <mailto:wgarrison7@gatech.edu>

From: Garrison, William R <wgarrison7@gatech.edu>  
Date: Monday, December 6, 2021 at 3:58 PM  
To: Koza, Kyle J <kyle.koza@security.gatech.edu>  
Cc: Gill, Eric J <eric.gill@security.gatech.edu>, Howell, Leo F <lhowell31@gatech.edu>, Craig, Christopher A <christopher.craig@security.gatech.edu>  
Subject: Re: FWRQST #16478

Well, that certainly isn't the outcome I expected, I imagine Manos won't be too happy about this. Who can I work with to get our SSP updated and compliant ASAP?

William Garrison | IT Support Pro Sr.  
COEUS | Astrolavos | ECE | KACB 3361  
678-522-3808 | wgarrison7@gatech.edu <mailto:wgarrison7@gatech.edu>

From: Koza, Kyle J <kyle.koza@security.gatech.edu>  
Date: Monday, December 6, 2021 at 3:37 PM  
To: Garrison, William R <wgarrison7@gatech.edu>  
Cc: Gill, Eric J <eric.gill@security.gatech.edu>, Howell, Leo F <lhowell31@gatech.edu>, Craig, Christopher A

<christopher.craig@security.gatech.edu>

Subject: Re: FWRQST #16478

Hi William,

We met with OSP and I wanted to give you a heads up about the outcome. They have requested that we officially notify them that the Astrolavos SSP is non-compliant with NIST 800-171 and they advised us that they are going to discontinue billing the project sponsor until a new SSP (compliant with 800-171) is written and reported compliant. OSP has notified Manos' management chain of these developments.

Kyle

From: Garrison, William R <wgarrison7@gatech.edu>

Date: Monday, December 6, 2021 at 10:45

To: Koza, Kyle J <kyle.koza@security.gatech.edu>

Cc: Gill, Eric J <eric.gill@security.gatech.edu>, Howell, Leo F <lhowell31@gatech.edu>, Craig, Christopher A <christopher.craig@security.gatech.edu>, Caravati, Rebecca V <rb115@gatech.edu>

Subject: Re: FWRQST #16478

Sounds good, keep me posted – pending that conversation, that may change Manos's stance and thoughts on the matter.

William Garrison | IT Support Pro Sr.

COEUS | Astrolavos | ECE | KACB 3361

678-522-3808 | wgarrison7@gatech.edu <mailto:wgarrison7@gatech.edu>

From: Koza, Kyle J <kyle.koza@security.gatech.edu>

Date: Monday, December 6, 2021 at 10:43 AM

To: Garrison, William R <wgarrison7@gatech.edu>

Cc: Gill, Eric J <eric.gill@security.gatech.edu>, Howell, Leo F <lhowell31@gatech.edu>, Craig, Christopher A <christopher.craig@security.gatech.edu>, Caravati, Rebecca V <rb115@gatech.edu>

Subject: Re: FWRQST #16478

Hi William,

We reached out to OSP for guidance and are meeting with them this afternoon. To my knowledge, there isn't such a thing as a labwide exception and 800-171 requires malware protection.

Kyle

From: Garrison, William R <wgarrison7@gatech.edu>

Date: Monday, December 6, 2021 at 10:16

To: Howell, Leo F <lhowell31@gatech.edu>, Koza, Kyle J <kyle.koza@security.gatech.edu>

Cc: Gill, Eric J <eric.gill@security.gatech.edu>

Subject: Re: FWRQST #16478

There seems to be a main sticking point that I need clarity on (and I'll chat with Manos about): Can we or can we not have a labwide exception for having to install endpoint software installed on our servers? If something has changed in the last year or so that (for legal or contractual reasons) requires us to install endpoint software on all of our servers, then I'd like to know that. From there, I can at least help Manos make an informed decision.

William Garrison | IT Support Pro Sr.

COEUS | Astrolavos | ECE | KACB 3361

678-522-3808 | wgarrison7@gatech.edu <mailto:wgarrison7@gatech.edu>

From: Howell, Leo F <lhowell31@gatech.edu>

Date: Sunday, December 5, 2021 at 7:00 PM

To: Garrison, William R <wgarrison7@gatech.edu>, Koza, Kyle J <kyle.koza@security.gatech.edu>

Cc: Gill, Eric J <eric.gill@security.gatech.edu>

Subject: Re: FWRQST #16478

Hey William,

I was planning on meeting with Manos early next year to intro and catchup on a few things, including a philosophical discussion on how we can do security for his research without too much friction. After hearing from the team about this

specific case, I agree with you, we may need to get together sooner so we can come up with a solution for Zane.

The risk we are struggling with from the security side is that we have a lab wide SSP that include some basic understanding (at least from Cyber) that there are special purpose machines in the lab that should not run the endpoint protection, nor the Qualys agent because it could cause issues with the work being done on the machines. However, these machines are not readily accessible from the Internet, so the risk of them being compromised (and possibly used as springboards to launch further attacks on Manos' lab or elsewhere) is low.

The specific firewall rule in question seems different; it seems this one will expose the host to the Internet without the added endpoint protections that could cause a breach in the lab. Also, based on what we learned the box will be doing, it also does not seem like the endpoint tools will conflict with the work being done (we can test that theory if you would like).

Please correct me if any point of my summation above is incorrect. My goal is to find a reasonable solution to get the research moving as soon as possible without compromising the security of the lab or violate the current SSP.

Let me know if you believe the best way fort is for me to get an earlier meeting with Manos to hash it out or if we can find any solution to get the research going while minimizing the risk to the lab. I would love to hear your thoughts on what we could do to reduce the risk.

Leo

-- -----

Leo Howell

Chief Information Security Officer

Georgia Institute of Technology

Office of Information Technology

756 West Peachtree Street NW

Atlanta, Georgia 30308

phone: 404.385.0334

email: [leo.howell@gatech.edu](mailto:leo.howell@gatech.edu)<<mailto:leo.howell@gatech.edu>>

---

From: Garrison, William R <[wgarrison7@gatech.edu](mailto:wgarrison7@gatech.edu)>

Sent: Friday, December 3, 2021 12:33 PM

To: Koza, Kyle J <[kyle.koza@security.gatech.edu](mailto:kyle.koza@security.gatech.edu)>

Cc: Gill, Eric J <[eric.gill@security.gatech.edu](mailto:eric.gill@security.gatech.edu)>; Howell, Leo F <[lhowell31@gatech.edu](mailto:lhowell31@gatech.edu)>

Subject: Re: FWRQST #16478

As I explained to Leo, Manos has told OIT in the past that he doesn't want endpoint agents installed on hosts (including this one). It's my understanding that we have a lab-wide SSP to cover this. If I'm missing something (like if we need to update the SSP, need some additional type of exception), please let me know. We've been waiting almost a month now to get this firewall exception pushed through, which is holding up research efforts.

@Leo: If you need to speak to Manos directly about this, let me know – but I thought our conversation earlier today could help avoid that.

William Garrison | IT Support Pro Sr.

COEUS | Astrolavos | ECE | KACB 3361

678-522-3808 | wgarrison7@gatech.edu <mailto:wgarrison7@gatech.edu>

From: Koza, Kyle J <kyle.koza@security.gatech.edu>  
Date: Friday, December 3, 2021 at 12:27 PM  
To: Garrison, William R <wgarrison7@gatech.edu>  
Cc: Gill, Eric J <eric.gill@security.gatech.edu>, Howell, Leo F <lhowell31@gatech.edu>  
Subject: Re: FWRQST #16478

Hi William,

Leo asked me to check back in on this. To open this host to the Internet, we'll need Cortex XDR and Qualys Cloud installed on it. Having an understanding of what the project is trying to accomplish, neither tool should present any impact to the research being performed. And if any impact were identified, it could be addressed.

We have no issue opening the necessary ports for this host, but it will need to comply with Policy first (i.e. having XDR and Qualys installed).

Let me know if this can be done or if there is some other reason that I'm not understanding why these tools could present impact.

Thanks,  
Kyle

From: Garrison, William R <wgarrison7@gatech.edu>  
Date: Friday, November 12, 2021 at 16:09  
To: Koza, Kyle J <kyle.koza@security.gatech.edu>  
Cc: Gill, Eric J <eric.gill@security.gatech.edu>  
Subject: Re: FWRQST #16478

Kyle,

If it helps, I'm attaching the final version of our labwide SSP we had in place, which has several sections covering that we weren't using endpoint protection (we had that conversation several times in Manos's office with Kyle Smith). If we need to have the plan updated, or a new exemption granted, please let me know.

Thanks,

William Garrison | IT Support Pro Sr.

COEUS | Astrolavos | ECE | KACB 3361

678-522-3808 | wgarrison7@gatech.edu <mailto:wgarrison7@gatech.edu>

From: Garrison, William R <wgarrison7@gatech.edu>  
Date: Friday, November 12, 2021 at 12:00 PM  
To: Koza, Kyle J <kyle.koza@security.gatech.edu>  
Cc: Gill, Eric J <eric.gill@security.gatech.edu>  
Subject: Re: FWRQST #16478

I'm not sure what we'll need to do to get this exemption, but let me know so we can proceed. This will directly impact our ability to perform research.

William Garrison | IT Support Pro Sr.

COEUS | Astrolavos | ECE | KACB 3361

678-522-3808 | wgarrison7@gatech.edu <mailto:wgarrison7@gatech.edu>

---

From: Koza, Kyle J <kyle.koza@security.gatech.edu>  
Sent: Friday, November 12, 2021 11:42:49 AM  
To: Garrison, William R <wgarrison7@gatech.edu>  
Cc: Gill, Eric J <eric.gill@security.gatech.edu>  
Subject: Re: FWRQST #16478

Hi William,

I've spoken to our GRC team and they indicate that Manos does not have a lab wide exemption for endpoint agents. This also most likely indicates that Manos' SSPs are not compliant. I cannot approve this firewall rule at this time.

Thanks,

Kyle

From: Garrison, William R <wgarrison7@gatech.edu>  
Date: Friday, November 12, 2021 at 10:15  
To: Koza, Kyle J <kyle.koza@security.gatech.edu>, OIT Firewall Admins <oit-firewall-admins@office365.gatech.edu>  
Subject: Re: FWRQST #16478

Manos won't approve of having endpoint agents installed on our servers, we previously had a conversation with OIT



policy team in creation of a lab-wide System Security Plan that exempted us from that requirement. I'd be happy to send over the most recent copy of it, if needed (we're supposed to renew the SSP every year, I'm just waiting on Eric Gill to get back to me about it).

William Garrison | IT Support Pro Sr.

COEUS | Astrolavos | ECE | KACB 3361

678-522-3808 | wgarrison7@gatech.edu <mailto:wgarrison7@gatech.edu>

From: FW.noc Notification <fw-noreply@noc.gatech.edu>

Date: Thursday, November 11, 2021 at 8:23 AM

To: Garrison, William R <wgarrison7@gatech.edu>, OIT Firewall Admins <oit-firewall-admins@office365.gatech.edu>

Subject: RE: FWRQST #16478

Hi William,

Since this will be open to the Internet, please install the required endpoint protection agents: Qualys Cloud Agent and Cortex XDR. Reading through the description of the research, these agents shouldn't impact the functionality of the server.

--Kyle

**From:** Egerstedt, Magnus<magnus.egerstedt@ece.gatech.edu>  
**Sent on:** Saturday, November 28, 2020 4:41:39 PM  
**To:** Abdallah, Chaouki T<ctabdallah@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>  
**CC:** Antonakakis, Manos<manos@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Re: GT's contribution in Operation Utmost Yarn

This is fantastic Manos! Thanks for sharing!  
Hope you had a relaxing and tasty Thanksgiving!  
/ Magnus

—  
Magnus Egerstedt, Ph.D.  
Steve W. Chaddick School Chair and Professor  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
[www.ece.gatech.edu](http://www.ece.gatech.edu)  
[www.ece.gatech.edu/~magnus](http://www.ece.gatech.edu/~magnus)  
*Georgia Tech ECE: Dreaming, Designing, and Getting it Done!*

---

**From:** "Abdallah, Chaouki T" <ctabdallah@gatech.edu>  
**Date:** Wednesday, November 25, 2020 at 7:58 PM  
**To:** "McLaughlin, Steven W" <swm@gatech.edu>  
**Cc:** "Antonakakis, Manos" <manos@gatech.edu>, "Egerstedt, Magnus" <magnus.egerstedt@ece.gatech.edu>, "Keromytis, Angelos D" <angelos@gatech.edu>  
**Subject:** Re: GT's contribution in Operation Utmost Yarn  
Thank you Manos for your work and for sharing it with us. Looking forward to catching up. Happy thanksgiving!

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
Georgia Institute of Technology

On Nov 25, 2020, at 19:54, McLaughlin, Steven W <swm@gatech.edu> wrote:

Manos  
Congratulations – and thanks so much for sharing - - I am sure it is very much deserved – and I'll bet even more than that. Truly thankful, honored and proud of the work you are doing and the impact you are having on Tech and the nation. Thank you!  
I hope you get the chance to get some time to relax in the coming days. Let's catch up before too long.

Thank you again - all the very best

Steve

\*\*\*\*\*

Steve McLaughlin (he/him/his)  
Provost and Executive Vice President for Academic Affairs  
Georgia Institute of Technology  
Atlanta, GA 30332  
\*\*\*\*\*

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Wednesday, November 25, 2020 at 7:11 PM  
**To:** "McLaughlin, Steven W" <swm@gatech.edu>  
**Cc:** "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "Egerstedt, Magnus" <magnus.egerstedt@ece.gatech.edu>, "Keromytis, Angelos D"

<angelos@gatech.edu>

**Subject:** GT's contribution in Operation Utmost Yarn

Gentlemen,

A few weeks back I sent an abrupt email to Steve that I will be offline because USACPB needed my help. This is what came out of from that engagement. This is not a paper, not something I can place in my CV, my yearly review, nor something that I can really talk about much. In some ways, however, things like these reassures me that I am doing the right thing for the greater good (even if it has to be in the background).

Angelos knows everything and Steve knows some parts of what I did, before I solved this case and became classified by the Army. At the end of the day what matters is this; we (as GT and EA) did help the good guys discover something really bad that took place in one of the most critical military facilities in the US. In moments like this, I wish I would provide full details about the incident, but I can't say much more.

Steve, I was hoping they will just call you because of the sensitivity of this incident. Instead they mailed this today. I told them that I do not need things like this (albeit, I do like them ☺☺), what I needed from them was to call you or Chaouki or Magnus.

Instead, they felt more comfortable sending this appreciation note (I suspect because they do not have to explain anything to anyone that does not already knows).

As always, we cannot talk about this nor do any PR. What Angelos and I will try to do is bring a General in GT one day. Maybe they can paint the picture that illustrates the true extent of the impact that our research had/has/will have to the National Security.

Very happy Thanksgiving, to you and your families.

Manos

**From:** Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Sent on:** Wednesday, January 27, 2021 6:59:11 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** McLaughlin, Steven W<swm@gatech.edu>  
**Subject:** Re: Heads up: Meeting with GTPD

Thanks!

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
Georgia Institute of Technology

On Jan 27, 2021, at 13:57, Antonakakis, Manos <manos@gatech.edu> wrote:

Hey Chaouki and Steve,  
The Chief asked for a meeting with me where I get to see what we do in the field and perhaps even suggest improvements or ways we can optimize our GTPD operations --- especially as they relate to life threatening emails.  
No action item for you, this is just for your situational awareness.  
Thanks, Manos

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Date:** Wednesday, January 27, 2021 at 1:49 PM  
**To:** Kuligowski, Elaine E <elaine.kuligowski@police.gatech.edu>  
**Subject:** Re: Scheduling a Meeting with GTPD

Perfect, thanks. Elaine, please send me a calendar invite when you confirm that the Chief is available as well.  
Many thanks, Manos

---

**From:** Kuligowski, Elaine E <elaine.kuligowski@police.gatech.edu>  
**Date:** Wednesday, January 27, 2021 at 1:41 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: Scheduling a Meeting with GTPD

Yes it is! Our parking lot is just before 10th Street

Sent from my iPhone

On Jan 27, 2021, at 1:32 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

Hey Elaine,  
The Tuesday Feb 2 - between 11am and 2pm slot works great for me.  
Please remind me where your new building is? Is it at the corner of 10<sup>th</sup> and Hemphill?

Thanks,

—

Manos Antonakakis, Ph.D. | [manos@gatech.edu](mailto:manos@gatech.edu)

College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing  
(COEUS)

School of Electrical and Computer Engineering | Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

**From:** Kuligowski, Elaine E <[elaine.kuligowski@police.gatech.edu](mailto:elaine.kuligowski@police.gatech.edu)>

**Date:** Wednesday, January 27, 2021 at 1:18 PM

**To:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Subject:** Scheduling a Meeting with GTPD

Dr. Antonakakis,

Chief Connolly has asked me to set up an in-person meeting to be held here at GTPD to discuss sharing information. Joining you and Chief would be Investigator Loran Crabtree, our behavioral threat assessment investigator. Chief projects needing between 90 and 120 minutes of your time, as the meeting would also include a tour of our building and discussion of our other capabilities. Do you have room in your schedule during the following possible dates and times? Chief would prefer to hold this meeting next week, but if you are not available then, I have provided the option for the second week of February as well.

Monday Feb 1 - between 10am and 2pm

Tuesday Feb 2 - between 11am and 2pm

Wednesday Feb 3 - between 9am and 11am, or between noon and 3pm

Thursday Feb 4 - Availability all day

Friday Feb 5 - Between 10am and noon, or after 4pm

Monday Feb 8 - between 9am and 1pm

Tuesday Feb 9 - between 11am and 2pm, or after 4pm

Wednesday Feb 10 - Availability all day

Thursday Feb 4 - between 9am and noon, or between 1pm and 5pm

Friday Feb 5 - Availability all day

Many thanks,

Elaine Kuligowski

Executive Assistant to the Chief

Georgia Tech Police Department

O: 404.385.1926

C: 508.202.5553

**From:** Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Sent on:** Wednesday, February 16, 2022 9:21:45 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Re: Hope you are well  
**Attachments:** image001.png (4.4 KB)

M,  
Your reputation is stellar where it matters!

Am in no DC today. Flying back tonight. Call when you need to or feel like it...

Sent from Chaouki's iPhone

On Feb 16, 2022, at 4:19 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

Gents,

I will be shutting my cellphone off for some period of time. If you need to get in touch with me please email me and we will set up a VTC.

The only reason I am sending you this email, is because this is one of the nice ones. I would recommend that you do not look up my name on the Internet anymore. They managed to completely destroy my name and my reputation that I worked so hard to build over the years.

Not sure what to expect next.

Manos

---

From: Flowers, Benjamin S. <flowers.387@osu.edu>

Sent: Wednesday, February 16, 2022 3:52 PM

To: Antonakakis, Manos

Subject: Hope you are well

You are trending...in my view in a good way.

<https://twitter.com/normative/status/1493965939964092422?s=21>

Hope you are well amidst all this.

Should you be interested, OSU engineering is on a hiring spree...happy to talk if that suits you.

benjy

---

Benjamin Flowers

Professor and Associate Director

Knowlton School

College of Engineering

The Ohio State University

275 West Woodruff Avenue

Columbus, OH 43210-1138

USA

O: 614-292-1785

flowers.387@osu.edu <mailto:flowers.387@osu.edu>

[A close up of a logo Description automatically generated]



From: McLaughlin, Steven W <sm140@gatech.edu>  
Sent on: Thursday, February 17, 2022 12:00:10 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: Hope you are well

Hang in there Manos, let me know if you want to chat - or just to be left alone.

\*\*\*\*\*

Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs  
\*\*\*\*\*

On 2/16/22, 4:19 PM, "Antonakakis, Manos" <manos@gatech.edu> wrote:

Gents,

I will be shutting my cellphone off for some period of time. If you need to get in touch with me please email me and we will set up a VTC.

The only reason I am sending you this email, is because this is one of the nice ones. I would recommend that you do not look up my name on the Internet anymore. They managed to completely destroy my name and my reputation that I worked so hard to build over the years.

Not sure what to expect next.

Manos

---

From: Flowers, Benjamin S. <flowers.387@osu.edu>  
Sent: Wednesday, February 16, 2022 3:52 PM  
To: Antonakakis, Manos  
Subject: Hope you are well

You are trending...in my view in a good way.  
<https://twitter.com/normative/status/1493965939964092422?s=21>

Hope you are well amidst all this.

Should you be interested, OSU engineering is on a hiring spree...happy to talk if that suits you.

benjy

---

Benjamin Flowers  
Professor and Associate Director  
Knowlton School  
College of Engineering  
The Ohio State University

275 West Woodruff Avenue  
Columbus, OH 43210-1138  
USA  
O: 614-292-1785



flowers.387@osu.edu <<mailto:flowers.387@osu.edu>>

[A close up of a logo Description automatically generated]

From: Keromytis, Angelos D <angelos@gatech.edu>

Sent on: Wednesday, May 13, 2020 7:13:32 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>; McLaughlin, Steven W <swm@coe.gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>

Subject: Re: HR001120S0026-OPS-5G-FP-010-Notification Letter

Thanks and congrats to you as well :-)

> On May 13, 2020, at 2:10 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Some good news in these crazy times. Attached please find the notice for a contract award selection from DARPA. This will likely be a new ~\$7.3M/4y project under the title PRogrammable INfrastructure for CounterIng Pugnacious Adversaries on a Large Scale (PRINCIPALS) on the OPS-5G program at DARPA I2O.

>

> \*ALL\* credit should go to Angelos for conceptualizing the idea and executing the proposal. Kudos, Angele!

>

> —

> Manos Antonakakis | Associate Professor | manos@gatech.edu

> School of Electrical and Computer Engineering

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

> \_\_\_\_\_

> From: OPS-5G <ops-5g@darpa.mil>

> Sent: Wednesday, May 13, 2020 1:58 PM

> To: Antonakakis, Manos <manos@gatech.edu>

> Cc: OPS-5G <ops-5g@darpa.mil>

> Subject: HR001120S0026-OPS-5G-FP-010-Notification Letter

>

>

> Dear Dr. Antonakakis,

>

>

>

> Please see the attached file regarding your proposal submission (HR001120S0026-OPS-5G-FP-010) that was submitted to the Open Programmable Secure 5G (OPS-5G) solicitation, HR001120S0026.

>

>

>

> Regards,

>

>

>

> DARPA/I2O

> <FP010.pdf>

From: Abdallah, Chaouki T <ctabdallah@gatech.edu>

Sent on: Wednesday, May 13, 2020 7:12:36 PM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>; Keromytis, Angelos D <angelos@gatech.edu>; McLaughlin, Steven W <swm@coe.gatech.edu>

Subject: Re: HR001120S0026-OPS-5G-FP-010-Notification Letter

Awesome! Stay safe and keep us safe.

Chaouki T. Abdallah

Professor of Electrical & Computer Engineering

Executive Vice President for Research

Georgia Institute of Technology

> On May 13, 2020, at 14:10, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Some good news in these crazy times. Attached please find the notice for a contract award selection from DARPA. This will likely be a new ~\$7.3M/4y project under the title PProgrammable INfrastructure for CounterIng Pugnacious Adversaries on a Large Scale (PRINCIPALS) on the OPS-5G program at DARPA I2O.

>

> \*ALL\* credit should go to Angelos for conceptualizing the idea and executing the proposal. Kudos, Angele!

>

> —

> Manos Antonakakis | Associate Professor | manos@gatech.edu

> School of Electrical and Computer Engineering

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

> \_\_\_\_\_

> From: OPS-5G <ops-5g@darpa.mil>

> Sent: Wednesday, May 13, 2020 1:58 PM

> To: Antonakakis, Manos <manos@gatech.edu>

> Cc: OPS-5G <ops-5g@darpa.mil>

> Subject: HR001120S0026-OPS-5G-FP-010-Notification Letter

>

>

> Dear Dr. Antonakakis,

>

>

>

> Please see the attached file regarding your proposal submission (HR001120S0026-OPS-5G-FP-010) that was submitted to the Open Programmable Secure 5G (OPS-5G) solicitation, HR001120S0026.

>

>

>

> Regards,

>

>

>

> DARPA/I2O

> <FP010.pdf>

From: McLaughlin, Steven W <swm@coe.gatech.edu>  
Sent on: Wednesday, May 13, 2020 8:21:24 PM  
To: Keromytis, Angelos D <angelos@gatech.edu>; Antonakakis, Manos <manos@gatech.edu>  
CC: Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>;  
McLaughlin, Steven W <swm@coe.gatech.edu>  
Subject: Re: HR001120S0026-OPS-5G-FP-010-Notification Letter

Awesome - thanks to you both!!!!

All the best  
Steve

\*\*\*\*\*

Steve McLaughlin  
Dean and Southern Company Chair  
College of Engineering  
Georgia Institute of Technology  
Atlanta, GA 30332

\*\*\*\*\*

On 5/13/20, 2:13 PM, "Keromytis, Angelos D" <angelos@gatech.edu> wrote:

Thanks and congrats to you as well :-)

> On May 13, 2020, at 2:10 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Some good news in these crazy times. Attached please find the notice for a contract award selection from DARPA. This will likely be a new ~\$7.3M/4y project under the title PRogrammable INfrastructure for CounterIng Pugnacious Adversaries on a Large Scale (PRINCIPALS) on the OPS-5G program at DARPA I2O.

>

> \*ALL\* credit should go to Angelos for conceptualizing the idea and executing the proposal. Kudos, Angele!

>

> —

> Manos Antonakakis | Associate Professor | manos@gatech.edu

> School of Electrical and Computer Engineering

> Georgia Institute of Technology

> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

> \_\_\_\_\_

> From: OPS-5G <ops-5g@darpa.mil>

> Sent: Wednesday, May 13, 2020 1:58 PM

> To: Antonakakis, Manos <manos@gatech.edu>

> Cc: OPS-5G <ops-5g@darpa.mil>

> Subject: HR001120S0026-OPS-5G-FP-010-Notification Letter

>

>

> Dear Dr. Antonakakis,

>

>

>

> Please see the attached file regarding your proposal submission (HR001120S0026-OPS-5G-FP-010) that was submitted to the Open Programmable Secure 5G (OPS-5G) solicitation, HR001120S0026.

>

>  
>  
> Regards,  
>  
>  
>  
> DARPA/I2O  
> <FP010.pdf>

**From:** Nie, Ling-Ling<linglingnie@gatech.edu>  
**Sent on:** Friday, September 17, 2021 3:11:45 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**CC:** Wasch, Kate<kate.wasch@legal.gatech.edu>; Fuller, Christian<christian.fuller@legal.gatech.edu>; Lunon, Darryl<dl91@gatech.edu>  
**Subject:** Re: Indictment

Hi Manos: Thanks for reaching out. I am trying to obtain more information and we will come back to you soon. We will also loop in the Attorney General's office.

Ling-Ling

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Date:** Friday, September 17, 2021 at 10:00 AM  
**To:** McLaughlin, Steven W <swm@gatech.edu>, Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Cc:** Nie, Ling-Ling <linglingnie@gatech.edu>  
**Subject:** FW: Indictment

Folks, in my effort to protect the university and my research, I ended up being listed in the recent indictment. Now, I am being followed by right wing people on Twitter.

Still do not know what I have done wrong, outside my job at GT. Looking for the right next steps here to protect my family.

Thanks, Manos

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Date:** Friday, September 17, 2021 at 9:57 AM  
**To:** Schamel, Mark <MSchamel@lowenstein.com>, Jara, Ana <AJara@lowenstein.com>, Fuller, Christian <christian.fuller@legal.gatech.edu>  
**Subject:** Re: Indictment

Folks, these are my latest comments on the indictment.

Goes without saying that I feel played here. They have taking things out of context, ignored key facts (like the fact that GT did not buy any data that were used in the production of the article they care about), and effectively I ended up in this indictment for what exactly? For not being able to prove the narrative in the document they cared about or because I reviewed that document?

What have I done wrong to deserve to be listed in this indictment? Or more importantly, can someone tell me what I have done wrong, period?

Since last night I have rejected three follower requests from far right wing people on Twitter. It is safe to assume that my name has been leaked by someone. What would be the right course of action for me at this point? Should I send my wife to leave with a friend, move to a hotel or simply relocate? Can we please get on a call today and discuss what I should be doing next?

Thanks,  
Manos

---

**From:** Schamel, Mark <MSchamel@lowenstein.com>  
**Date:** Thursday, September 16, 2021 at 5:50 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>, Jara, Ana <AJara@lowenstein.com>  
**Subject:** RE: Indictment

No sorry. I get it. You are rightly livid. This is outrageous. Just trying to keep it in a usable format.

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

T: 202.753.3805

M: 202.841.3401  
F: 973.597.2400



---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Thursday, September 16, 2021 5:48 PM  
**To:** Schamel, Mark <MSchamel@lowenstein.com>; Jara, Ana <AJara@lowenstein.com>  
**Subject:** Re: Indictment  
Sorry, I will do Mark.  
Manod

---

**From:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>  
**Date:** Thursday, September 16, 2021 at 5:46 PM  
**To:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** RE: Indictment

I appreciate that this is a ridiculous indictment and infuriating, but ask that you send me one comprehensive email rather than each paragraph. Just too hard to do it piecemeal.

M

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

T: 202.753.3805  
M: 202.841.3401  
F: 973.597.2400



---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Sent:** Thursday, September 16, 2021 5:44 PM  
**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>; Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** Re: Indictment  
Page 10, this is wrong.



---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Date:** Thursday, September 16, 2021 at 5:38 PM  
**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** Re: Indictment

Page 15, this note has been taken out of context.



They asked me to review it as such. And with the remaining statements in the previous page, Researcher 1 could appear to be a co-conspirator. What am I missing?  
Manos

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Date:** Thursday, September 16, 2021 at 5:35 PM  
**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** Re: Indictment

On page 14, this is also wrong.



Manos

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Date:** Thursday, September 16, 2021 at 5:31 PM  
**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** Re: Indictment

Hey Mark, I assume that I am Researcher-1. If so, this is not true.



The only thing I did was looked at the data send to me between July and August 2016. The way this was written stipulates that we working together or under the guidance of Tech Executive 1 between July 2016 and February 2017. I cannot understand how they concluded that.

I am on page 12 so far.

Manos

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Date:** Thursday, September 16, 2021 at 5:10 PM  
**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** Re: Indictment

Thanks, Mark. Let's set up a call with Angelos and Christian, yes.

Manos

---

**From:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>  
**Date:** Thursday, September 16, 2021 at 5:08 PM  
**To:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** RE: Indictment

<https://www.justice.gov/sco/press-release/file/1433511/download>

Not sure why it did not forward. Sorry.

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

T: 202.753.3805  
M: 202.841.3401  
F: 973.597.2400



---

**From:** Schamel, Mark  
**Sent:** Thursday, September 16, 2021 5:06 PM  
**To:** 'Antonakakis, Manos' <[manos@gatech.edu](mailto:manos@gatech.edu)>; Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** Indictment

Manos

As discussed. Please review and we will schedule a time tomorrow for a call. If you are ok with it, we will do a call with you and Angelos. We could even include Christian if you were so inclined.

Mark

**Mark E. Schamel**  
Partner



**T:** 202.753.3805

**M:** 202.841.3401

**F:** 973.597.2400



---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

**From:** "McLaughlin, Steven W" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=99C982A82F6347058E99C0252E22FB4B-MCLAUGHLIN\_>

**Sent on:** Saturday, September 18, 2021 1:56:46 PM

**To:** Antonakakis, Manos <manos@gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>

**Subject:** Re: Indictment

See you shortly

\*\*\*\*\*

Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs  
Georgia Institute of Technology  
Atlanta, GA 30332

\*\*\*\*\*

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Saturday, September 18, 2021 8:50:23 AM

**To:** McLaughlin, Steven W <swm@gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>

**Subject:** FW: Indictment

Folks, just FYI.

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>

**Date:** Saturday, September 18, 2021 at 8:48 AM

**To:** "Schamel, Mark" <MSchamel@lowenstein.com>, "Jara, Ana" <AJara@lowenstein.com>, "Fuller, Christian" <christian.fuller@legal.gatech.edu>

**Subject:** Re: Indictment

Ana, Mark and Christian thank you so much for the discussion we had yesterday. I will take some time to think what my next actions will be from here.

Regardless what I end up doing, I would like to put in paper the parts where the investigators simply lied or are trying to mislead the reader of the indictment. I am attaching my recollections under the "Relevant Parts in Discussion with Government" paragraphs of the attached document.

I suspect the prosecutor was recording or keeping notes of our discussions. If someone gets access to these transcripts they can easily verify at which parts the prosecutors took what I said out of context in order to mislead the readers of the indictment or simply lied because my statements evidently did not fit their story line.

Let's keep this document internally for now. Time will tell if I and/or GT might want to use it somehow down the road.

Thanks, Manos

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>

**Date:** Friday, September 17, 2021 at 2:45 PM

**To:** "Schamel, Mark" <MSchamel@lowenstein.com>, "Jara, Ana" <AJara@lowenstein.com>, "Fuller, Christian" <christian.fuller@legal.gatech.edu>

**Subject:** Re: Indictment

I will be back online in about 30 minutes if you want to have a call.

---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Friday, September 17, 2021 11:33:58 AM

**To:** Schamel, Mark <MSchamel@lowenstein.com>; Jara, Ana <AJara@lowenstein.com>; Fuller, Christian <christian.fuller@legal.gatech.edu>

**Subject:** Re: Indictment

I will be away from my computer for the next three hours. [REDACTED]

---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Friday, September 17, 2021 9:56:56 AM

**To:** Schamel, Mark <MSchamel@lowenstein.com>; Jara, Ana <AJara@lowenstein.com>; Fuller, Christian <christian.fuller@legal.gatech.edu>

**Subject:** Re: Indictment

Folks, these are my latest comments on the indictment.

Goes without saying that I feel played here. They have taking things out of context, ignored key facts (like the fact that GT did not buy any data that were used in the production of the article they care about), and effectively I ended up in this indictment for what exactly? For not being able to prove the narrative in the document they cared about or because I reviewed that document?

What have I done wrong to deserve to be listed in this indictment? Or more importantly, can someone tell me what I have done wrong, period?

Since last night I have rejected three follower requests from far right wing people on Twitter. It is safe to assume that my name has been leaked by someone. What would be the right course of action for me at this point? Should I send my wife to leave with a friend, move to a hotel or simply relocate? Can we please get on a call today and discuss what I should be doing next?

Thanks,  
Manos

---

**From:** Schamel, Mark <MSchamel@lowenstein.com>

**Date:** Thursday, September 16, 2021 at 5:50 PM

**To:** Antonakakis, Manos <manos@gatech.edu>, Jara, Ana <AJara@lowenstein.com>

**Subject:** RE: Indictment

No sorry. I get it. You are rightly livid. This is outrageous. Just trying to keep it in a usable format.

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

**T:** 202.753.3805

**M:** 202.841.3401

**F:** 973.597.2400



---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Thursday, September 16, 2021 5:48 PM

**To:** Schamel, Mark <MSchamel@lowenstein.com>; Jara, Ana <AJara@lowenstein.com>

**Subject:** Re: Indictment

Sorry, I will do Mark.

Manod

---

**From:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>

**Date:** Thursday, September 16, 2021 at 5:46 PM

**To:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** RE: Indictment

I appreciate that this is a ridiculous indictment and infuriating, but ask that you send me one comprehensive email rather than each paragraph. Just too hard to do it piecemeal.

M

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

**T:** 202.753.3805

**M:** 202.841.3401

**F:** 973.597.2400



---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Sent:** Thursday, September 16, 2021 5:44 PM  
**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>; Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** Re: Indictment  
Page 10, this is wrong.



---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Date:** Thursday, September 16, 2021 at 5:38 PM  
**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** Re: Indictment

Page 15, this note has been taken out of context.



They asked me to review it as such. And with the remaining statements in the previous page, Researcher 1 could appear to be a co-conspirator. What am I missing?  
Manos

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Date:** Thursday, September 16, 2021 at 5:35 PM  
**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** Re: Indictment

On page 14, this is also wrong.



Manos

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Date:** Thursday, September 16, 2021 at 5:31 PM  
**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** Re: Indictment

Hey Mark, I assume that I am Researcher-1. If so, this is not true.



The only thing I did was looked at the data send to me between July and August 2016. The way this was written stipulates that we working together or under the guidance of Tech Executive 1 between July 2016 and February 2017. I cannot understand how they concluded that.

I am on page 12 so far.

Manos

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Date:** Thursday, September 16, 2021 at 5:10 PM  
**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** Re: Indictment

Thanks, Mark. Let's set up a call with Angelos and Christian, yes.

Manos

---

**From:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>  
**Date:** Thursday, September 16, 2021 at 5:08 PM  
**To:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** RE: Indictment

<https://www.justice.gov/sco/press-release/file/1433511/download>

Not sure why it did not forward. Sorry.

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

T: 202.753.3805  
M: 202.841.3401  
F: 973.597.2400



---

**From:** Schamel, Mark  
**Sent:** Thursday, September 16, 2021 5:06 PM  
**To:** 'Antonakakis, Manos' <[manos@gatech.edu](mailto:manos@gatech.edu)>; Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Subject:** Indictment

Manos

As discussed. Please review and we will schedule a time tomorrow for a call. If you are ok with it, we will do a call with you and Angelos. We could even include Christian if you were so inclined.

Mark

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

T: 202.753.3805  
M: 202.841.3401  
F: 973.597.2400



---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

**From:** "Antonakakis, Manos" </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e6b0afc581e477db35a37c3a3a79aeb-Antonakakis>  
**Sent on:** Thursday, January 27, 2022 12:30:40 AM  
**To:** Torres, Caleb J <caleb.torres@police.gatech.edu>  
**CC:** Connolly, Robert <robert.connolly@police.gatech.edu>  
**Subject:** Re: Items

Copy. I will look at these later tonight, Caleb.

Manos

**From:** Torres, Caleb J <caleb.torres@police.gatech.edu>  
**Sent:** Wednesday, January 26, 2022 7:22:03 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Cc:** Connolly, Robert <robert.connolly@police.gatech.edu>  
**Subject:** Items  
See attached for discussed info on the server.

Thanks,  
Caleb

**From:** Torres, Caleb J<caleb.torres@police.gatech.edu>  
**Sent on:** Thursday, January 27, 2022 4:14:20 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** Connolly, Robert<robert.connolly@police.gatech.edu>  
**Subject:** Re: Items

Copy.

## Caleb Torres

Digital Intelligence Analyst  
Georgia Tech Police Department  
965 Hemphill Ave NW  
Atlanta, GA 30332  
O) 404.894.5812  
C) 678.480.6700  
caleb.torres@police.gatech.edu



**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Thursday, January 27, 2022 11:13 AM  
**To:** Torres, Caleb J <caleb.torres@police.gatech.edu>  
**Cc:** Connolly, Robert <robert.connolly@police.gatech.edu>  
**Subject:** Re: Items  
<https://support.cc.gatech.edu/alerts/coc-kerberos-authentication-source-migration>

Keep this link for your records.

Manos

---

From: Torres, Caleb J <caleb.torres@police.gatech.edu>  
Sent: Wednesday, January 26, 2022 7:22 PM  
To: Antonakakis, Manos  
Cc: Connolly, Robert  
Subject: Items

See attached for discussed info on the server.

Thanks,  
Caleb

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Thursday, January 27, 2022 12:30:40 AM  
**To:** Torres, Caleb J<caleb.torres@police.gatech.edu>  
**CC:** Connolly, Robert<robert.connolly@police.gatech.edu>  
**Subject:** Re: Items

Copy. I will look at these later tonight, Caleb.

Manos

**From:** Torres, Caleb J <caleb.torres@police.gatech.edu>  
**Sent:** Wednesday, January 26, 2022 7:22:03 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Cc:** Connolly, Robert <robert.connolly@police.gatech.edu>  
**Subject:** Items

See attached for discussed info on the server.

Thanks,  
Caleb



**From:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Sent on:** Thursday, April 8, 2021 2:55:01 AM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**CC:** Keromytis, Angelos D <angelos@gatech.edu>  
**Subject:** Re: Kevin Keough, Class of 1981

I'll make the e-introduction.

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
Georgia Institute of Technology

On Apr 7, 2021, at 21:48, Antonakakis, Manos <manos@gatech.edu> wrote:

Sounds like a plan.

**From:** Keromytis, Angelos D <angelos@gatech.edu>  
**Sent:** Wednesday, April 7, 2021 9:42:04 PM  
**To:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Cc:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: Kevin Keough, Class of 1981

Hey Chaouki,  
All is well, hope you are too.

Unless Manos wants to talk to him, I can take a call and see what he wants.

Best,  
-Angelos

On Apr 7, 2021, at 19:09, Abdallah, Chaouki T <ctabdallah@gatech.edu> wrote:

Manors/Angelos,

I hope all is well with the two of you. Please see the message below and tell me if it is something you like to pursue or suggest someone who might.

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
Georgia Institute of Technology  
Begin forwarded message:

**From:** "Keough, Kevin" <Kevin.Keough@netscout.com>

**Date:** April 7, 2021 at 16:52:01 EDT

**To:** "Abdallah, Chaouki T" <ctabdallah@gatech.edu>

**Subject:** Kevin Keough, Class of 1981

Hello Dr. Abdallah,

I am Kevin Keough, Georgia Tech BEE class of 1981.

I hope you can help me. I am the Senior Vice President of Netscout Systems, <https://www.netscout.com>, NASDAQ: NTCT.

We focus on real-time cyber security and service assurance of larger enterprise and communication service provider networks worldwide.

Our software application solutions are usually based on the hardware capture and processing of raw packets traversing these networks.

I would appreciate you referring me to one, or more, of your faculty that is familiar with this level of packet collection.

I am researching new areas and would be very grateful to briefly discuss these areas with the appropriate people.

Thank you and, to Hell with Georgia!

Kevin Keough

Senior Vice President

Netscout Systems

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Thursday, April 8, 2021 8:47:56 AM  
**To:** Keough, Kevin<Kevin.Keough@netscout.com>  
**CC:** Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Re: Kevin Keough, Class of 1981

Chaouki, many thanks for the introductions! Moving you to BCC.

Kevin, very pleased to virtually meet you. I am CCing Professor Keromytis. Angelos should be able to give you a full overview of what we do in our Security Center at ECE.

Many thanks, Manos

**From:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Sent:** Wednesday, April 7, 2021 10:04:25 PM  
**To:** Keough, Kevin <Kevin.Keough@netscout.com>; Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: Kevin Keough, Class of 1981  
Kevin,

Meet Professor Antonakakis who is a cyber security expert and maybe able to answer your request.

Manos,  
Meet Kevin and see his email below.

I trust the two of you can take it from here.

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
Georgia Institute of Technology

On Apr 7, 2021, at 16:52, Keough, Kevin <Kevin.Keough@netscout.com> wrote:

Hello Dr. Abdallah,  
I am Kevin Keough, Georgia Tech BEE class of 1981.  
I hope you can help me. I am the Senior Vice President of Netscout Systems,  
<https://www.netscout.com>, NASDAQ: NTCT.  
We focus on real-time cyber security and service assurance of larger enterprise and communication service provider networks worldwide.  
Our software application solutions are usually based on the hardware capture and processing of raw packets traversing these networks.  
I would appreciate you referring me to one, or more, of your faculty that is familiar with this level of packet collection.  
I am researching new areas and would be very grateful to briefly discuss these areas with the appropriate people.  
Thank you and, to Hell with Georgia!  
Kevin Keough  
Senior Vice President  
Netscout Systems

**From:** Fuller, Christian<christian.fuller@legal.gatech.edu>  
**Sent on:** Tuesday, September 28, 2021 4:41:14 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>; Nie, Ling-Ling<linglingnie@gatech.edu>  
**CC:** McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>; Connolly, Robert<robert.connolly@police.gatech.edu>  
**Subject:** RE: Krebs article on the SC

Thanks for sharing Manos. I will take a read of the articles with your thoughts in mind—although admittedly, I am not as familiar with Krebs.

And yes, we all want you and your family to remain safe. But I remain optimistic that this situation will pass, and the cloud of uncertainty will dissipate soon.

As always, feel free reach out to me directly with any concerns.

Christian

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Tuesday, September 28, 2021 8:36 AM  
**To:** Fuller, Christian <christian.fuller@legal.gatech.edu>; Nie, Ling-Ling <linglingnie@gatech.edu>  
**Cc:** McLaughlin, Steven W <swm@gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>; Connolly, Robert <robert.connolly@police.gatech.edu>  
**Subject:** Krebs article on the SC

<https://twitter.com/briankrebs/status/1441044907922268166?s=21>

<https://krebsonsecurity.com/2021/09/lawsuits-indictments-revive-trump-alfa-bank-story/>

Not the best technical article, but good enough for non technical people to understand what is the core problem with the indictment. It is based on a technical argument that simply cannot be decided.

My thoughts after just reading this article from a very well respected journalist are:

- this entire technical incident is clearly not a clear cut. Five years since the first article surfaced still nobody can decide on this issue one way or another. This is effectively what I told the SC.
- This is a story that the entire security community is interested in. Krebs writes only about NatSec and Sec issues, so this alone shows that the SC was trying to frame me into saying that this incident was outside the network security work we should be doing at GT.
- I was really surprised to read (if true) that other universities that had researchers involved in analyzing the data (looks like very similar to what we did) refused to cooperate with the SC, yet I had to go through the hell I went through. Looks like a pure waste of time, especially since they refused to hear what I said. It is fair to assume that the fact that we worked with them probably caused us to be named in the indictment and the other universities were not named (because they didn't cooperate).

Perhaps a lesson to be learned from all these could be that academic freedom should be protected a bit better, especially until we have enough evidence that someone was involved into something clearly wrong.

Nearly four months after I "received" a subpoena, I still do not know what I possibly have done wrong in this case, I have a police car parked outside my house (the only good thing, actually — thanks Chief!), risking my entire reputation as a researcher because of the SC lies, my research team is freaking out (spent nearly 4 hours on calls yesterday calming them down without talking specifics) because of the conspiracy theories about what I have done in this case, and I am having to put my house in the market and relocate.

I do not think it is fair for me [REDACTED] to be in this situation because I was doing my job.

Thanks, Manos

**From:** Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Sent on:** Tuesday, June 15, 2021 1:11:14 AM  
**To:** Antonakakis, Manos<manos@gatech.edu>; Beyah, Raheem A<ab207@gatech.edu>  
**CC:** McLaughlin, Steven W<swm@gatech.edu>  
**Subject:** Re: Letter of Resignation

We are. OK to do it. I'll ping the appropriate folks again to have them contact you.

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
**Georgia Institute of Technology**  
**225 North Avenue**  
**Atlanta, GA 30332-0325**

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Date:** Monday, June 14, 2021 at 7:18 PM  
**To:** Beyah, Raheem A <ab207@gatech.edu>  
**Cc:** Abdallah, Chaouki T <ctabdallah@gatech.edu>, McLaughlin, Steven W <swm@gatech.edu>  
**Subject:** Re: Letter of Resignation

Much obliged, Raheem!

On other news, I think I was able to convince GEN Stanton (<https://www.arcyber.army.mil/Leaders/Leaders-Article-View-Page/Article/2463463/brig-gen-paul-t-stanton/>) to show up at GT for the final EA PI meeting. He will be giving the keynote for the event. It would be nice if one of you could introduce him to the audience and welcome him at GT.

The rumor has it that he will be the next head of NSA and USCC. It would be nice to think as GT being a friendly place for him.

Chaouki/Raheem, I will be CCing in an email with DARPA EA PM so we can finalize the date for the event. Chaouki, we are still good to go after your discussion with Angel about hosting this event, correct?

Many thanks, Manos

---

From: Beyah, Raheem A <ab207@gatech.edu>  
Sent: Monday, June 14, 2021 6:52 PM  
To: Antonakakis, Manos  
Cc: Abdallah, Chaouki T; McLaughlin, Steven W  
Subject: Re: Letter of Resignation

We're working on this!

On Jun 11, 2021, at 2:16 PM, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

Gentlemen, I was able to reach out to the other member of my team (Dr. Lever) who is equally critical to my team. He is effectively a "mini-me", as he is the only one that can do things at my level of rigor and quality. Sadly, the news is equally bad. He has been talking with another company on the west coast, primarily for financial reasons. He is 37, and needs to be compensated better --- totally reasonable. After Chaz witnessing me fighting GT for a year, and realizing that he will never get remotely closely paid to what he deserves, he decided to answer the emails he has been receiving from recruiters. The salary that he expects to get when the interviews are done is around \$270K. I should point out that after a 16 month fight with GT processes I was able to bring him up to \$150K.

As a final favor, I asked him to not accept any offers and give me a month to try one last time to bring him up to \$220K as my new Director of Research for the COEUS center. This is a salary that he clearly deserves not because of the new programs he brought in recently, but also for all the help he is providing me in managing the research team and other DARPA contracts.

Raheem, I will have my people reach out to you so you can link them with your team and help us in this last effort to retain Chaz at GT. If we cannot retain Chaz, I will then know for a fact that I cannot scale my operations at GT.

Not asking for any favors here. I am just trying to see if GT can react as a system when critical actions need to be done. If the system cannot react, then it would be risky to bring on new funds and fail in delivering what we promised in the SOWs.

Worth pointing out that I am not surprised by all these. Was able to read the tea leaves more than a year ago. What we do in my team is unique, special, and my people will be approached to be hired by big companies in the industry. In my role, I can only keep my people happy, read the problems ahead of time and have funds available to solve them. The GT system will then have to give me the rest of the tools and processes to grow an execute.

Thanks, Manos

From: Beyah, Raheem A <ab207@gatech.edu<mailto:ab207@gatech.edu>>  
Date: Thursday, June 10, 2021 at 5:20 PM  
To: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>  
Cc: Abdallah, Chaouki T <ctabdallah@gatech.edu<mailto:ctabdallah@gatech.edu>>, McLaughlin, Steven W <swm@gatech.edu<mailto:swm@gatech.edu>>  
Subject: Re: Letter of Resignation  
So sorry to see this!

Let's work on the strategy we discussed earlier. I'm sure we can move things forward.

Best,

Raheem

On Jun 10, 2021, at 4:23 PM, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

The irony in this is stanning. We just talked about Logan and the need for retention this morning.

Now, I just lost the guy I as planning to have as my director for the engineering work of the center. It took us a year to give him 9% increase on he salary. He got an offer for 40% more on his salary. Couldn't be a worst timing for all these.

Maybe growing is not the think we should do given the restrains we have from USG.

Thanks, Manos

From: O'Hara, Logan <logan.ohara@gatech.edu<mailto:logan.ohara@gatech.edu>>  
Date: Thursday, June 10, 2021 at 4:17 PM  
To: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>  
Subject: Letter of Resignation  
Manos,

After a lot of thought and deliberation I've decided to accept an offer from another company and offer my resignation from GT. My last day will be June 25. This was not an easy decision for me to make, and I did not take it lightly. I've never known anything outside of Georgia Tech (and Astrolavos) professionally, but this opportunity is a very good fit for me and an excellent step into the next stage of my career.

I want to sincerely thank you for all that you have done for me over the last 5 years. You have always had my back and I'm truly grateful for that. I've learned a ton in the lab and developed professionally thanks to your leadership. A boss who cares so much about his people is really rare and that is one of the reasons I enjoyed working for you so much. It's been an awesome experience and I would not trade it for anything. Every minute has been exciting and everybody in the lab has been awesome to work with. I will definitely miss it.

All the best,

Logan O'Hara

Research Engineer | Astrolavos Research Lab

Georgia Institute of Technology | Atlanta, Ga.

logan.ohara@gatech.edu<mailto:logan.ohara@gatech.edu> | 919-389-1258

---

Raheem Beyah

Dean and Southern Company Chair

College of Engineering

Georgia Tech

---

Raheem Beyah

Dean and Southern Company Chair

College of Engineering

Georgia Tech

From: Beyah, Raheem A <rbeyah@coe.gatech.edu>

Sent on: Tuesday, June 15, 2021 1:13:31 AM

To: Antonakakis, Manos <manos@gatech.edu>

CC: Beyah, Raheem A <rbeyah@coe.gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>

Subject: Re: Letter of Resignation

Awesome!

> On Jun 14, 2021, at 7:18 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

>

> Much obliged, Raheem!

>

> On other news, I think I was able to convince GEN Stanton (<https://www.arcyber.army.mil/Leaders/Leaders-Article-View-Page/Article/2463463/brig-gen-paul-t-stanton/>) to show up at GT for the final EA PI meeting. He will be giving the keynote for the event. It would be nice if one of you could introduce him to the audience and welcome him at GT.

>

> The rumor has it that he will be the next head of NSA and USCC. It would be nice to think as GT being a friendly place for him.

>

> Chaouki/Raheem, I will be CCing in an email with DARPA EA PM so we can finalize the date for the event. Chaouki, we are still good to go after your discussion with Angel about hosting this event, correct?

>

> Many thanks, Manos

>

>

>

> From: Beyah, Raheem A <ab207@gatech.edu>

> Sent: Monday, June 14, 2021 6:52 PM

> To: Antonakakis, Manos

> Cc: Abdallah, Chaouki T; McLaughlin, Steven W

> Subject: Re: Letter of Resignation

>

> We're working on this!

>

> On Jun 11, 2021, at 2:16 PM, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

>

> Gentlemen, I was able to reach out to the other member of my team (Dr. Lever) who is equally critical to my team. He is effectively a "mini-me", as he is the only one that can do things at my level of rigor and quality. Sadly, the news is equally bad. He has been talking with another company on the west coast, primarily for financial reasons. He is 37, and needs to be compensated better --- totally reasonable. After Chaz witnessing me fighting GT for a year, and realizing that he will never get remotely closely paid to what he deserves, he decided to answer the emails he has been receiving from recruiters. The salary that he expects to get when the interviews are done is around \$270K. I should point out that after a 16 month fight with GT processes I was able to bring him up to \$150K.

>

> As a final favor, I asked him to not accept any offers and give me a month to try one last time to bring him up to \$220K as my new Director of Research for the COEUS center. This is a salary that he clearly deserves not because of the new programs he brought in recently, but also for all the help he is providing me in managing the research team and other DARPA contracts.

>

> Raheem, I will have my people reach out to you so you can link them with your team and help us in this last effort to retain Chaz at GT. If we cannot retain Chaz, I will then know for a fact that I cannot scale my operations at GT.

>

> Not asking for any favors here. I am just trying to see if GT can react as a system when critical actions need to be done. If the system cannot react, then it would be risky to bring on new funds and fail in delivering what we promised in the



SOWs.

>  
> Worth pointing out that I am not surprised by all these. Was able to read the tea leaves more than a year ago. What we do in my team is unique, special, and my people will be approached to be hired by big companies in the industry. In my role, I can only keep my people happy, read the problems ahead of time and have funds available to solve them. The GT system will then have to give me the rest of the tools and processes to grow an execute.

>  
> Thanks, Manos

>  
> From: Beyah, Raheem A <ab207@gatech.edu<mailto:ab207@gatech.edu>>  
> Date: Thursday, June 10, 2021 at 5:20 PM  
> To: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>  
> Cc: Abdallah, Chaouki T <ctabdallah@gatech.edu<mailto:ctabdallah@gatech.edu>>, McLaughlin, Steven W <swm@gatech.edu<mailto:swm@gatech.edu>>  
> Subject: Re: Letter of Resignation

> So sorry to see this!  
>  
> Let's work on the strategy we discussed earlier. I'm sure we can move things forward.

>  
> Best,  
>  
> Raheem

>  
> On Jun 10, 2021, at 4:23 PM, Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>> wrote:

>  
> The irony in this is stanning. We just talked about Logan and the need for retention this morning.  
>  
> Now, I just lost the guy I as planning to have as my director for the engineering work of the center. It took us a year to give him 9% increase on he salary. He got an offer for 40% more on his salary. Couldn't be a worst timing for all these.

>  
> Maybe growing is not the think we should do given the restrains we have from USG.

>  
> Thanks, Manos

>  
> From: O'Hara, Logan <logan.ohara@gatech.edu<mailto:logan.ohara@gatech.edu>>  
> Date: Thursday, June 10, 2021 at 4:17 PM  
> To: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>  
> Subject: Letter of Resignation

> Manos,  
>  
> After a lot of thought and deliberation I've decided to accept an offer from another company and offer my resignation from GT. My last day will be June 25. This was not an easy decision for me to make, and I did not take it lightly. I've never known anything outside of Georgia Tech (and Astrolavos) professionally, but this opportunity is a very good fit for me and an excellent step into the next stage of my career.

>  
> I want to sincerely thank you for all that you have done for me over the last 5 years. You have always had my back and I'm truly grateful for that. I've learned a ton in the lab and developed professionally thanks to your leadership. A boss who cares so much about his people is really rare and that is one of the reasons I enjoyed working for you so much. It's been an awesome experience and I would not trade it for anything. Every minute has been exciting and everybody in the lab has been awesome to work with. I will definitely miss it.

>  
> All the best,

>  
> Logan O'Hara  
> Research Engineer | Astrolavos Research Lab  
> Georgia Institute of Technology | Atlanta, Ga.

> logan.ohara@gatech.edu <mailto:logan.ohara@gatech.edu> | 919-389-1258

>

> \_\_\_\_\_

> Raheem Beyah

> Dean and Southern Company Chair

> College of Engineering

> Georgia Tech

>

> \_\_\_\_\_

> Raheem Beyah

> Dean and Southern Company Chair

> College of Engineering

> Georgia Tech

>

From: Askew, Teresa <teresa.askew@ece.gatech.edu>  
Sent on: Tuesday, May 12, 2020 2:47:54 PM  
To: Antonakakis, Manos <manos@gatech.edu>; Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>  
CC: Ellis, LaJauna F <lajauna.ellis@coe.gatech.edu>; McLaughlin, Steven W <swm@coe.gatech.edu>  
Subject: RE: Meeting request

Hi LaJauna,

I'll wait to hear from you regarding Steve's availability.

Thanks,  
Teresa

Teresa Askew, M.Ed.  
Administrative Manager/Assistant to the School Chair  
Georgia Institute of Technology  
School of Electrical and Computer Engineering  
777 Atlantic Drive,  
Van Leer Building, Suite 215  
Atlanta, Georgia 30332-0250

-----Original Message-----

From: Antonakakis, Manos <manos@gatech.edu>  
Sent: Tuesday, May 12, 2020 9:18 AM  
To: Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>  
Cc: Askew, Teresa <teresa.askew@ece.gatech.edu>; Ellis, LaJauna F <lajauna.ellis@coe.gatech.edu>; McLaughlin, Steven W <swm@coe.gatech.edu>  
Subject: Re: Meeting request

Of course, Magnus.

This week we have the HACCS virtual hackthon, so anytime would work as long as I know it the day before. This way I can have someone replacing me during our meeting.

The only time I cannot do is today between 12.30 and 16.30 because I have a remote PhD defense with a CMU student.

Thanks,

—

Manos Antonakakis | Associate Professor | manos@gatech.edu School of Electrical and Computer Engineering Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>  
Sent: Tuesday, May 12, 2020 9:13 AM  
To: Antonakakis, Manos  
Cc: Askew, Teresa; Ellis, LaJauna F; McLaughlin, Steven W  
Subject: Meeting request

Dear Manos;

Steve and I would like to have a quick meeting with you this week to share some news - topic of the meeting is somewhat shrouded in mystery at this point ☐☐

Can you please work with LaJauna and Teresa to try to find a slot on our respective calendars?

Best! / Magnus

—

Magnus Egerstedt, Ph.D.

Steve W. Chaddick School Chair and Professor School of Electrical and Computer Engineering Georgia Institute of Technology [www.ece.gatech.edu](http://www.ece.gatech.edu) <<http://www.ece.gatech.edu>>  
[www.ece.gatech.edu/~magnus](http://www.ece.gatech.edu/~magnus) <<http://www.ece.gatech.edu/~magnus>>

Georgia Tech ECE: Dreaming, Designing, and Getting it Done!

**From:** Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Sent on:** Tuesday, February 2, 2021 9:59:52 PM  
**To:** McLaughlin, Steven W<swm@gatech.edu>  
**CC:** Antonakakis, Manos<manos@gatech.edu>; Connolly, Robert<robert.connolly@police.gatech.edu>  
**Subject:** Re: Meeting with the Chief of Police

Ditto!

Sent from Chaouki's iPhone

On Feb 2, 2021, at 3:37 PM, McLaughlin, Steven W <swm@gatech.edu> wrote:

Thanks very much Manos – it's no surprise to me that you and Chief Connolly connected and clicked – you put the best two people in a room together and great things happen. Thanks Chief Connolly!

\*\*\*\*\*

Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs  
Georgia Institute of Technology  
Atlanta, GA 30332

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Tuesday, February 2, 2021 at 3:22 PM  
**To:** "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "Connolly, Robert" <robert.connolly@police.gatech.edu>  
**Cc:** "McLaughlin, Steven W" <swm@gatech.edu>  
**Subject:** Meeting with the Chief of Police

Gentlemen,

Today I spent more than two hours with the Chief of Police and his team. They walked me through their processes, workflows but many other interesting things. I got to admit that we have a very solid team in GTPD, which rivals (if it is not better) than many other teams I have worked with at FBI/DoD. Clearly, very impressed with our GTPD --- and you know me, I am almost never impressed with anything that has to do with GT!

Chief and I agreed that is in the best interest of GT to bring our teams closer. I will be exploring some research opportunities where I will build some new technologies for GTPD --- technologies that will help us protect our students and faculty by giving GTPD an early warning on potential threats.

Chief and his team, will reach out to me if Internet related "issues" come up where my knowledge and expertise can be used to expedite or assist an ongoing investigation --- this is the same thing I do for DoD. If I cannot help them directly (for policy or other reasons), I will be pointing them to the right industry entity so they can legally obtain the information necessary to their investigations.

Regarding the last email threat of interest, Chief has all my FBI contacts and the analysis I did for the case. I will be helping the GTPD agent in charge to handle this case at a technical attribution level from this point on --- after our discussion today, he will be reaching out as necessary.

At this point my recommendation would be to let the Chief and his team take point. Happy to explain at greater length why over a call.

Many Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu  
College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

**From:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Sent on:** Wednesday, January 26, 2022 9:10:05 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>  
**Subject:** Re: Our reputation

Of course!!!! I should have known that...

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
Georgia Institute of Technology  
EA: Lisa Tuttle, [ltuttle@gatech.edu](mailto:ltuttle@gatech.edu), 404-894-8884

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Date:** Wednesday, January 26, 2022 at 4:08 PM  
**To:** Abdallah, Chaouki T <ctabdallah@gatech.edu>, McLaughlin, Steven W <swm@gatech.edu>  
**Subject:** Re: Our reputation

Thanks, Chaouki.

The name was inspired from the Antikythera Mechanism, often referred as the first computing device ever discovered.

[https://en.m.wikipedia.org/wiki/Antikythera\\_mechanism](https://en.m.wikipedia.org/wiki/Antikythera_mechanism)

Manos

---

**From:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Sent:** Wednesday, January 26, 2022 4:02:23 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>  
**Subject:** Re: Our reputation

Awesome! Your reputation precedes you....

And BTW, what does "Antikythera" mean?

Chaouki T. Abdallah

Professor of Electrical & Computer Engineering

Executive Vice President for Research

Georgia Institute of Technology

EA: Lisa Tuttle, [ltuttle@gatech.edu](mailto:ltuttle@gatech.edu), 404-894-8884

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Date:** Wednesday, January 26, 2022 at 4:00 PM  
**To:** McLaughlin, Steven W <swm@gatech.edu>, Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Subject:** Our reputation

Steve and Chaouki, the most important people in the community never stop believing and supporting us.

Here is an example of their support. This letter will go towards our big DARPA proposal, which we will submit this week.

Thanks, Manos

---

**From:** Carothers, Matt (CCI-Atlanta) <Matt.Carothers@cox.com>  
**Sent:** Wednesday, January 26, 2022 15:51  
**To:** Keromytis, Angelos D; Antonakakis, Manos; Mitchell, Michael F  
**Cc:** Johnson, Velvet (CCI-Atlanta); Trickey, Linda (CCI-Atlanta-LD); Harvie, Christopher; Jonathan Cain  
**Subject:** RE: SOW / Technical Analysis / Reps & Certs for GT review  
And here's the LOI

- Matt

---

**From:** Carothers, Matt (CCI-Atlanta)

**Sent:** Wednesday, January 26, 2022 10:15 AM

**To:** Keromytis, Angelos D <angelos@gatech.edu>; 'Antonakakis, Manos' <manos@gatech.edu>; 'Mitchell, Michael F' <michael.mitchell@ece.gatech.edu>

**Cc:** Johnson, Velvet (CCI-Atlanta) <velvet.johnson@cox.com>; Trickey, Linda (CCI-Atlanta-LD) <Linda.Trickey@cox.com>; Harvie, Christopher <CJHarvie@mintz.com>; Jonathan Cain <jonathan.cain@fisherbroyles.com>

**Subject:** SOW / Technical Analysis / Reps & Certs for GT review

Ok folks, we might be done? I think we just need to get you the signed letter of intent now.

- Matt



**From:** Beyah, Raheem A <[rbeyah@coe.gatech.edu](mailto:rbeyah@coe.gatech.edu)>  
**Sent on:** Sunday, February 14, 2021 12:33:13 PM  
**To:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**CC:** Abdallah, Chaouki T <[ctabdallah@gatech.edu](mailto:ctabdallah@gatech.edu)>; Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)>  
**Subject:** Re: our Research Scientists are also being successful...

You've inspired me to join your lab ☺☺!

On Feb 13, 2021, at 9:39 AM, Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)> wrote:

Many thanks, Raheem, for your kind words!

The "Chaz" experiment in our center has already attracted the attention and interest of other top young talent in the field that wants to see how truly large projects and large research operations operate. For example, Michael Bailey from UIUC, will be sending us his top student Zane (who just graduated) just to get the same skills and experience that Chaz is getting under mine and Angelos' advisement. Michael told Zane, do not go to the academic security market (which is red hot, BTW). Go with them and learn how big things are actually get done. That, Gentlemen, is our true success here; the worldwide reputation we are creating around the security of ECE.

And, BTW, the feedback I am getting from Chaz is this: If I set up my lab under the center, and be independent, why would I change this environment and go to another school where I will have to start from scratch? It is crazy, but the reality is that highly motivated people do not care about tenure. They care to be in the center of innovation. This is exactly what Angelos and I are offering them with the center.

What we have in ECE is very unique around the world. We maintain academic excellence, alongside large and very impactful projects for USG/DoD, in a startup-like environment that we call COEUS center. Angelos and I will be looking to streamline this model, where we help hard working researchers to become **\*independent\*** while keeping their success in ECE under our Center. This is, IMHO, the only way you can "Darwinianly" (vis-à-vis; if you do something good, you evolve and grow, otherwise you die) grow a research area and bring this research area to the number one rank in the world.

Give us a few years, and the top talent every year will chose GT ECE, over CMU, Stanford and UCB when it comes to security. Not because of excellent senior people like Angelos, you and senior people we might recruit in the future. Rather, because of the environment, culture of excellence, and the diversity of talent and success we have in GT ECE.

It is all about building the right culture.

Manos

---

**From:** Beyah, Raheem A <[rbeyah@coe.gatech.edu](mailto:rbeyah@coe.gatech.edu)>  
**Date:** Saturday, February 13, 2021 at 9:12 AM  
**To:** Abdallah, Chaouki T <[ctabdallah@gatech.edu](mailto:ctabdallah@gatech.edu)>  
**Cc:** Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)>, Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Subject:** Re: our Research Scientists are also being successful...

This is great!

I've followed Chaz's work over the years, so this is not a surprise. Kudos to you and Manos for your mentorship efforts.

> On Feb 12, 2021, at 3:02 PM, Abdallah, Chaouki T <[ctabdallah@gatech.edu](mailto:ctabdallah@gatech.edu)> wrote:

>

> Please convey my congratulations to Chaz! I like the model a lot...

>

> Chaouki T. Abdallah

> Professor of Electrical & Computer Engineering

> Executive Vice President for Research  
> Georgia Institute of Technology

>

>> On Feb 12, 2021, at 13:51, Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)> wrote:

>>

>> Chaouki, Raheem,

>> I hope you're doing well!

>>

>> Just wanted to bring this to your attention, not so much because of the amount involved (~\$1.75M), but because this was led by Chaz Lever, a research scientist in our center. (Chaz turned down a tenure-track position to stay with us, after he got his PhD.)

>>

>> This (training, retaining, and developing Research Scientists who care about research+impact) is a model we are heavily pursuing at our center, and it is predicated upon (and only possible because of) our reputation.

>> Best,

>> -Angelos

>>

>>

>> Begin forwarded message:

>>>

>>> From: "Lever, Charles C" <[chazlever@gatech.edu](mailto:chazlever@gatech.edu)>

>>> Subject: Fwd: HR001118S0057-Office-Wide-BAA-FP-074 - Notification Letter

>>> Date: February 12, 2021 at 11:43:16 AM EST

>>> To: "Keromytis, Angelos D" <[angelos@gatech.edu](mailto:angelos@gatech.edu)>, "Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)>, "Perdisci, Roberto" <[perdisci@gatech.edu](mailto:perdisci@gatech.edu)>

>>> Cc: "Mitchell, Michael F" <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>

>>>

>>> Hi Everyone,

>>>

>>> We've received official notification that our DARPA proposal was accepted. Here's the letter notifying us of the good news. :-)

>>>

>>>> Begin forwarded message:

>>>>

>>>> From: HR001118S0057 <[HR001118S0057@darpa.mil](mailto:HR001118S0057@darpa.mil)>

>>>> Subject: HR001118S0057-Office-Wide-BAA-FP-074 - Notification Letter

>>>> Date: February 8, 2021 at 11:24:56 AM EST

>>>> To: "[clever3@gatech.edu](mailto:clever3@gatech.edu)" <[clever3@gatech.edu](mailto:clever3@gatech.edu)>

>>>> Cc: HR001118S0057 <[HR001118S0057@darpa.mil](mailto:HR001118S0057@darpa.mil)>, "Sibble, Dan" <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>

>>>>

>>>> Dear Dr. Lever,

>>>>

>>>> Please see the attached file regarding your proposal submission (HR001118S0057-Office-Wide-BAA-FP-074) that was submitted to the Information Innovation Office (I2O) Office-wide solicitation, HR001118S0057.

>>>>

>>>> Regards,

>>>> DARPA/I2O

>>>>

>>>>

>> <FP-074 signed.pdf>

**From:** McLaughlin, Steven W<swm@gatech.edu>  
**Sent on:** Wednesday, June 2, 2021 1:26:05 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**CC:** Burr, Robbie L<robbie.burr@provost.gatech.edu>; Tuttle, Lisa<ltuttle@gatech.edu>  
**Subject:** Re: Planning ahead for the new project

Hi Manos

Yes let's catch up – I am on vacation this week, let's try to squeeze in something next week?

Best

Steve

\*\*\*\*\*

Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs  
Georgia Institute of Technology

\*\*\*\*\*

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Tuesday, June 1, 2021 at 9:51 AM  
**To:** "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>  
**Subject:** Planning ahead for the new project

Gentlemen, hope you are doing great!

As I am preparing the budget/SOW for the new upcoming project (ETA: late 2021 or early 2020), I would like to hear your thoughts on a couple of open items around how I will structure this project. The project unfortunately grew significantly bigger (\$25M for 3 years, with an option for 2 additional years after that) than what I originally thought it would be and I am afraid that without careful planning we will come across issues when it comes to hiring, hardware hosting availability and the datasets we will have to procure for the entire program.

So, can I “steal” 30 minutes of your time to run you through the issues I see ahead of us, and pick your brain on how we could solve them? I would rather have this meeting now that I am planning the entire project rather after we have signed contracts/SOW with DARPA.

Thanks, Manos

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Monday, June 29, 2020 5:37:54 PM

To: Fuhrman, Timothy J. (MO) (FBI) <TJFUHRMAN@fbi.gov>

CC: Robert Connolly <robert.connolly@police.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Nie, Ling-Ling <linglingnie@gatech.edu>

Subject: Re: Possible Interview

Attachments: signature.asc (201 Bytes)

Thank you for your email, Tim. At this time I am not interested in participating in this interview.

Best regards,

Manos

> On Jun 29, 2020, at 12:58 PM, Fuhrman, Timothy J. (MO) (FBI) <TJFUHRMAN@fbi.gov> wrote:

>

> Professor Antonakakis- I am forwarding an email I sent this morning to David Dagon regarding the matter we discussed several months ago. As it is possible that we may need to interview as part of our work, I wanted to also bring this matter to your attention. I would ask that you kindly contact me at one of the numbers listed in the attached email so that we may discuss arranging a possible interview of you also. Thank you in advance for your cooperation. Timothy Fuhrman, Investigator, DOJ

>

>

> From: Fuhrman, Timothy J. (MO) (FBI)

> Sent: Monday, June 29, 2020 11:49 AM

> To: [REDACTED]

> Subject: Possible Interview

>

>

> Mr. Dagon- as you may recall, I contacted you several months ago on behalf of the US Department of Justice (DOJ). At that time you indicated that you did not believe either Georgia Tech or the Department of Defense (DOD) entity funding your research would authorize you to be interviewed about the matters that are of interest to us. After numerous discussions with the DOD entity and Georgia Tech's Office of General Counsel, we have been advised that neither organization objects to an interview of you as part of our work.

> As I mentioned to you previously, our investigation has found that you have knowledge relevant to it. To that end, we believe that you are a witness who can provide valuable information to advance our investigation.

> I would ask that you kindly contact me at 202-532-3557 (Cell); 202-6161470 (DC Office); or 251-415-3298 (Temporary office in Mobile, AL) so that we can schedule an interview with you. Thank you in advance for your cooperation. Timothy Fuhrman, Investigator, DOJ

From: Manos Antonakakis <manos@gatech.edu>

Sent on: Monday, June 29, 2020 5:25:16 PM

To: Wasch, Kate <kate.wasch@legal.gatech.edu>

CC: Robert Connolly <robert.connolly@police.gatech.edu>; Nie, Ling-Ling <linglingnie@gatech.edu>; McLaughlin, Steven W <swm@coe.gatech.edu>

BCC: Manos Antonakakis <manos@gatech.edu>

Subject: Re: Possible Interview/DOJ

Attachments: signature.asc (201 Bytes)

Thank you Kate.

My understanding was that we (as GT) would like to stay away from this. Not sure why he says that he got authorization from GT Office of General Counsel. That seems to be contradictory to what I thought we suppose to do (ask them for a formal request).

Thanks,

--

Manos Antonakakis, Ph.D. | manos@gatech.edu

College of Engineering Dean's Professorship Chair and Associate Professor

Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)

School of Electrical and Computer Engineering | Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

> On Jun 29, 2020, at 1:15 PM, Wasch, Kate <kate.wasch@legal.gatech.edu> wrote:

>

> Let me confer with Ling-Ling and get back to you.

>

> -----Original Message-----

> From: Antonakakis, Manos <manos@gatech.edu>

> Sent: Monday, June 29, 2020 1:08 PM

> To: Wasch, Kate <kate.wasch@legal.gatech.edu>

> Cc: Connolly, Robert <robert.connolly@police.gatech.edu>

> Subject: Fw: Possible Interview

>

> Hey Kate,

>

> How should me and Dave handle this request?

>

> Thanks,

>

> -

> Manos Antonakakis, Ph.D. | manos@gatech.edu College of Engineering Dean's Professorship Chair and Associate Professor Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS) School of Electrical and Computer Engineering | Georgia Institute of Technology FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

>

>

> \_\_\_\_\_

> From: Fuhrman, Timothy J. (MO) (FBI) <TJFUHRMAN@fbi.gov>

> Sent: Monday, June 29, 2020 12:58 PM

> To: Antonakakis, Manos

> Subject: FW: Possible Interview

>

> Professor Antonakakis- I am forwarding an email I sent this morning to David Dagon regarding the matter we discussed several months ago. As it is possible that we may need to interview as part of our work, I wanted to also bring this matter to your attention. I would ask that you kindly contact me at one of the numbers listed in the attached email so that we

may discuss arranging a possible interview of you also. Thank you in advance for your cooperation. Timothy Fuhrman, Investigator, DOJ

>

>

> From: Fuhrman, Timothy J. (MO) (FBI)

> Sent: Monday, June 29, 2020 11:49 AM

> To: [REDACTED]

> Subject: Possible Interview

>

>

> Mr. Dagon- as you may recall, I contacted you several months ago on behalf of the US Department of Justice (DOJ). At that time you indicated that you did not believe either Georgia Tech or the Department of Defense (DOD) entity funding your research would authorize you to be interviewed about the matters that are of interest to us. After numerous discussions with the DOD entity and Georgia Tech's Office of General Counsel, we have been advised that neither organization objects to an interview of you as part of our work.

> As I mentioned to you previously, our investigation has found that you have knowledge relevant to it. To that end, we believe that you are a witness who can provide valuable information to advance our investigation.

> I would ask that you kindly contact me at 202-532-3557 (Cell); 202-6161470 (DC Office); or 251-415-3298 (Temporary office in Mobile, AL) so that we can schedule an interview with you. Thank you in advance for your cooperation. Timothy Fuhrman, Investigator, DOJ

>

**From:** McLaughlin, Steven W<sm140@gatech.edu>  
**Sent on:** Tuesday, October 26, 2021 12:58:22 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Re: Proactive document and communication classification for new DARPA project

Am following up

\*\*\*\*\*

Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs

\*\*\*\*\*



---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Monday, October 25, 2021 at 1:36 PM  
**To:** "Nie, Ling-Ling" <linglingnie@gatech.edu>  
**Cc:** "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>  
**Subject:** Proactive document and communication classification for new DARPA project

Hey Ling-Ling,

You will probably think I am losing it after this email, but I have to ask.

As Chaouki and Steve might have communicated to you already, I am in the process of writing a proposal for a big DARPA project. This project will have the same (if not more) sensitivities as Enhanced Attribution had.

In order to avoid any of the "misunderstandings" we had with EA (i.e., external to GT parties that want to get access to my research and communications), is there a way I can mark my documents and emails related to this topic as (lack of any better term) "sensitive or national security related"? This way, if anyone need these information they can go to the sponsor instead of coming to us.

Just trying to think ahead and protect myself, my team, GT and the national security.

Thanks,

—

Manos Antonakakis, Ph.D. | [manos@gatech.edu](mailto:manos@gatech.edu)

College of Engineering Dean's Professorship Chair and Associate Professor

Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)

School of Electrical and Computer Engineering | Georgia Institute of Technology

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Thursday, August 5, 2021 2:53:30 AM  
**To:** Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Subject:** Re: Ranked: The Most Significant Cyber Attacks from 2006-2020, by Country

He wouldn't be working for me if he was not pulling his own weight. Told him that when he started working for me during the summer.

Up to him to become a real expert in this space. Hopefully he will work hard this semester.

**From:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Sent:** Wednesday, August 4, 2021 9:50:55 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: Ranked: The Most Significant Cyber Attacks from 2006-2020, by Country  
I did not but thanks for giving a chance. I hope he is delivering for you...

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
Georgia Institute of Technology

On Aug 4, 2021, at 21:49, Antonakakis, Manos <manos@gatech.edu> wrote:

Did you know that [REDACTED] will be helping me this semester to statistical model the attack tactics behind one of these attack groups? :)

**From:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Sent:** Wednesday, August 4, 2021 8:06:39 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Cc:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Subject:** Ranked: The Most Significant Cyber Attacks from 2006-2020, by Country  
Saw this and thought of you...

<https://www.visualcapitalist.com/cyber-attacks-worldwide-2006-2020/>

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
Georgia Institute of Technology



**From:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>  
**Sent on:** Thursday, October 7, 2021 8:55:40 PM  
**To:** astrolavos-lab@lists.gatech.edu  
**CC:** Abdallah, Chaouki T<ctabdallah@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>  
**Subject:** RE: Re: Research Update

[My Apologies, I included the wrong email for Dr. Abdallah. The correct email is included above.](#)

---

**From:** astrolavos-lab-request@lists.gatech.edu <astrolavos-lab-request@lists.gatech.edu> **On Behalf Of** Mitchell, Michael F

**Sent:** Thursday, October 7, 2021 3:52 PM

**To:** astrolavos-lab@lists.gatech.edu

**Cc:** Chaouki Tanius Abdallah [REDACTED]; McLaughlin, Steven W <swm@gatech.edu>; Antonakakis, Manos <manos@gatech.edu>

**Subject:** [astrolavos-lab] Re: Research Update

Good afternoon,

Thank you to everyone who was able to attend the teams meeting regarding the Center, its current research, and future endeavors. To follow up from that meeting we want to reiterate a few important notes moving forward:

- 1) The center is to remain empty until further notice. We should receive an update on when to return in the next few weeks. Until that note comes from Manos, please continue to work remotely.
- 2) Any and all requests for comments, interviews, or questions from anyone outside of the lab or Georgia Tech leadership must go through the Georgia Tech communications department. If approached by anyone in this regard please let Center leadership know.
- 3) Please refrain from engaging with social media regarding the Center, its personnel, or its research.
- 4) Everyone working with the Center is reminded that everything we do falls under the scope of our security plans and the control of unclassified information. Please make sure that all activities and work comport with those policies at all times. If this is something you are not familiar with please let William or I know.
- 5) The University and its leadership will not tolerate any harassment or threats to its employees, faculty, and students. If you receive any harassing emails, phone calls, or messages please tell Center leadership, Georgia Tech leadership, or Public Safety immediately. Issues related to physical safety should be relayed directly to GTPD at 404-894-2500.

To reiterate: continue to work remotely until further notice, and do not engage with individuals outside the University regarding your work or position with the University. If you have questions, comments, or concerns please feel free to ask Manos, Dr. Abdallah, Dr. McLaughlin, Chaz, William, or I.

Thanks!

***Michael Mitchell***

Research Operations Program Manager

**GEORGIA Institute**

**of TECH nology**

School of Electrical and Computer Engineering

777 Atlantic Drive NW

Atlanta, GA 30332-0765

Office: 404-385-8122

Mobile: 770-655-8039

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Thursday, May 14, 2020 10:42:24 PM  
**To:** Wasch, Kate<kate.wasch@legal.gatech.edu>; Dave Dagon [REDACTED]  
**CC:** Connolly, Robert<robert.connolly@police.gatech.edu>  
**Subject:** Re: Request for DNS information from US Attorney

Sure thing Kate.

Dave, please reach out to Kate who works for GT Legal. Thanks!

Chief; this is just FYI.

---

Typos due to mobile device ...

On May 14, 2020, at 17:32, Wasch, Kate <kate.wasch@legal.gatech.edu> wrote:

Dear Prof. Antonakakis:

I hope you and yours are well during this extraordinary time.

I am reaching out to you in the hope that you can encourage Mr. Dagon to get in touch with me. I just have a few questions for him, so that I can appropriately respond to the US Attorney. I would be grateful if you can help.

Thanks.

Kate

---

**From:** Wasch, Kate

**Sent:** Tuesday, May 12, 2020 3:37 PM

**To:** Dagon, David S <dd92@gatech.edu>

**Subject:** Request for DNS information from US Attorney

Good afternoon, David. Ling-Ling Nie, the General Counsel, and I spoke with Tim Fuhrman. I wanted to see if we can find some time to talk for a bit about the request for information. Please let me know if and when you have some time to do that.

Kate Wasch

Chief Counsel

Employment & Litigation

Office of Legal Affairs

Georgia Institute of Technology

Atlanta, GA 30332-0495

(404)894-4812

Most communications to or from Georgia Tech employees are a public record and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response may be subject to public disclosure.

**From:** "Antonakakis, Manos" </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e6b0afc581e477db35a37c3a3a79aeb-Antonakakis>  
**Sent on:** Sunday, January 16, 2022 12:22:46 AM  
**To:** Crosby, Kendall T<kendall.crosby@gtrc.gatech.edu>  
**CC:** Keromytis, Angelos D<angelos@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Subject:** Re: Requested NDA/PIA: Raytheon - GTRC [22-0338K]

In my nearly 15 years tenure at GT there have been only a hand full of people that will do actually important work on a weekend. Kendall, you joined that group today!

I cannot thank you enough for helping us out with Raytheon. This is a key agreement we need to have in place before we submit our proposal.

Have a great long weekend!

Many thanks, Manos

**From:** Crosby, Kendall <kendall.crosby@gtrc.gatech.edu>  
**Sent:** Saturday, January 15, 2022 18:51  
**To:** 'megan.cupp@raytheon.com'  
**Cc:** 'tim\_g\_zentz@raytheon.com'; Keromytis, Angelos D; Antonakakis, Manos  
**Subject:** Requested NDA/PIA: Raytheon - GTRC [22-0338K]

Dear Ms. Cupp,

Good afternoon. I am contacting you on behalf of Dr. Angelos Keromytis with the Georgia Institute of Technology. I have reviewed Raytheon's NDA and have attached an edited copy with the changes tracked for your convenience. If the changes are acceptable, please provide me with an approved copy so that I can have the NDA signed administratively by Georgia Tech.

Please feel free to contact me with any questions you may have.

Regards,

Kendall

**Kendall T. Crosby, JD**

Associate Director, Exchange Agreements | Sponsored Programs

Georgia Institute of Technology

Phone (470) 421-9933

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Wednesday, May 13, 2020 8:43:42 PM  
To: McLaughlin, Steven W <swm@coe.gatech.edu>  
CC: Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>  
Subject: Re: Sending in advance of the 4:30 call today.

Steve and Magnus, much obliged for this! Looking forward to our call.

Cheers,

—  
Manos Antonakakis | Associate Professor | manos@gatech.edu  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: McLaughlin, Steven W <swm@coe.gatech.edu>  
Sent: Wednesday, May 13, 2020 3:19 PM  
To: Antonakakis, Manos  
Cc: McLaughlin, Steven W; Egerstedt, Magnus  
Subject: Sending in advance of the 4:30 call today.

Dear Manos  
Magnus and I cannot thank you enough for everything you are doing for ECE, COE, GT and the nation.

Looking forward to catching up shortly  
All the best  
Steve

\*\*\*\*\*

Steve McLaughlin  
Dean and Southern Company Chair  
College of Engineering  
Georgia Institute of Technology  
Atlanta, GA 30332  
\*\*\*\*\*

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Wednesday, May 13, 2020 10:18:31 PM  
To: McLaughlin, Steven W <swm@coe.gatech.edu>  
CC: Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>  
Subject: Re: Sending in advance of the 4:30 call today.  
Attachments: Manos Dean's Professorship.pdf (217.2 KB)

Steve and Magnus, please find attached the signed letter. Again, many thanks for this and my apologies for being slightly emotional during the call.

Thanks, and be safe!

---

Manos Antonakakis | Associate Professor | manos@gatech.edu  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: McLaughlin, Steven W <swm@coe.gatech.edu>  
Sent: Wednesday, May 13, 2020 3:19 PM  
To: Antonakakis, Manos  
Cc: McLaughlin, Steven W; Egerstedt, Magnus  
Subject: Sending in advance of the 4:30 call today.

Dear Manos

Magnus and I cannot thank you enough for everything you are doing for ECE, COE, GT and the nation.

Looking forward to catching up shortly

All the best

Steve

\*\*\*\*\*

Steve McLaughlin  
Dean and Southern Company Chair  
College of Engineering  
Georgia Institute of Technology  
Atlanta, GA 30332

\*\*\*\*\*

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Wednesday, November 4, 2020 4:36:33 PM  
**To:** McLaughlin, Steven W<swm@provost.gatech.edu>  
**CC:** Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Re: Sharing Jeff with the COEUS Center

Many thanks Steve, all these makes total sense. No I was not aware that Dimitris has his own contracting officer, and it certainly looks like we will need the same in our center soon. We will work with Jeff to ensure we keep doing things by the book and minimize any future risks that our growth might bring to the institute.

My offer still stands; if you need it at any point in the future. I would be more than happy to pick up some of Jeff's time (i.e., if he wants to move to COE for more than 50% of his time).

Thanks, Manos

---

**From:** "McLaughlin, Steven W" <swm@provost.gatech.edu>  
**Date:** Tuesday, November 3, 2020 at 8:01 PM  
**To:** "Antonakakis, Manos" <manos@gatech.edu>  
**Cc:** "Keromytis, Angelos D" <angelos@gatech.edu>  
**Subject:** Re: Sharing Jeff with the COEUS Center

Hi Manos

Great to hear you are positive about Jeff. Right now he is still being paid 100% by OSP with 50% of his time in COE, but he is located in COE so we're expecting to get more of his time than that. His portfolio is quite a bit broader than before, essentially doing whatever it takes to help COE faculty (Magnus term was 'concierge') rather than just COI etc. Bottom line: it is COE's call on how Jeff spends his time, I would suggest continuing to work with Jeff, share your research plans with him, get his advice and keep calling on him to help you move things along. I suspect Jeff might eventually be able to recruit someone to work with him or join you/him – especially if you have the funds for that person to work with you.

Not sure if you are aware but Dimitri Mavris in AE has his own contracting officer (who happens to be Jeff's wife [REDACTED]) – he might have advice on how to make that happen.

All the best

Steve

\*\*\*\*\*

Steve McLaughlin (he/him/his)  
Provost and Executive Vice President for Academic Affairs  
Georgia Institute of Technology  
Atlanta, GA 30332  
\*\*\*\*\*

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Tuesday, November 3, 2020 at 4:23 PM  
**To:** "McLaughlin, Steven W" <swm@provost.gatech.edu>  
**Cc:** "Keromytis, Angelos D" <angelos@gatech.edu>  
**Subject:** Sharing Jeff with the COEUS Center

Hey Steve, hope you are doing great!

As I was trying to finish my COI disclosures today, I realized that my COI managed plans were missing from the GT system. I emailed Jeff Steltzer about it and he pointed me to the right direction. After he helped me out, we got on a call and he shared some really great news with me. Evidently you picked him up for COE, so he can help our faculty deal with a number of issues when it comes to COIs and tech transfer.

This is an absolutely brilliant move!

Now that we have Jeff at COE, I would like to use his time to help us with the (rapidly growing) COEUS center. Over the summer we brought in a small project (~\$8M), and we are actively working for a few more (and \_slightly\_ larger) that have the potential to **\*significantly\*** increase the research budget of our operation. Given what happened last year (see audits and the like), this increase means risk for me. Therefore, I would like to propose that the center picks up some (i.e., 50%) of Jeff's time to help us as manage the risk associated with this growth.

We will have many new invention disclosures through these projects, and I want our researchers to have people that can advise them through the process. I do not want my researchers, and faculty affiliated with the center to ever go through what Angelos and I went through last year. Now, the research operation at the center is getting at a size where

we will soon need an internal audit team. Jeff, could help us (initially) with an assessment of what we need, and then help us hire such a team. And above all, as students interact with the companies that Angelos and I have or other commercial companies around the world, Jeff could help them always stay away for foreign influence issues, and manage any COI scenarios.

All-in-all, we are big, and we should get much bigger soon. I need someone to help us at the center mitigate and manage the fly-by risk of running such a large research operation. I would appreciate if we could "borrow" some of Jeff's time (by picking up some of this salary) to help us out. Please, let us know if this makes sense to you.

Happy to jump on a quick call if helps.

Many thanks,

Manos

**From:** Walcott, Troy C<troy.walcott@police.gatech.edu>  
**Sent on:** Monday, November 1, 2021 2:26:13 PM  
**To:** [REDACTED] Gaston, Charles  
O<charles.gaston@police.gatech.edu>  
**CC:** Connolly, Robert<robert.connolly@police.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Kuligowski, Elaine E<elaine.kuligowski@police.gatech.edu>  
**Subject:** Re: Shooting range with GTPD

We enjoyed meeting you and the team. We will contact you to discuss the range time for Citizen Police Academy this month.

Captain Troy Walcott  
Georgia Tech Police Department  
965 Hemphill Avenue NW  
Atlanta, GA 30332  
404-486-3086

"Like" us on facebook <https://www.facebook.com/GaTechPD>

"Follow" us on twitter <https://twitter.com/gatechpd>

"Subscribe & watch" us on youtube <https://www.youtube.com/user/GaTechPD/videos>

**From:** [REDACTED]  
**Sent:** Wednesday, October 27, 2021 5:44 PM  
**To:** Walcott, Troy C <troy.walcott@police.gatech.edu>; Kuligowski, Elaine E <elaine.kuligowski@police.gatech.edu>  
**Cc:** Connolly, Robert <robert.connolly@police.gatech.edu>; Antonakakis, Manos <manos@gatech.edu>; Keromytis, Angelos D <angelos@gatech.edu>  
**Subject:** Shooting range with GTPD  
Hi folks!

As discussed yesterday, we would like to come at the open shooting range with you late November, if you can accommodate us.

I am adding in the loop also Angelos and Manos for the arrangements.

Thank you for having us!

Kind regards,  
[REDACTED]

[REDACTED] | Graduate Research Assistant & PhD Student  
COEUS Center | KACB 3203  
Georgia Institute of Technology | Atlanta, GA  
[REDACTED]



**From:** Smith, Ashley<ashley.smith@osp.gatech.edu>  
**Sent on:** Monday, December 13, 2021 3:49:45 PM  
**To:** 'Antonakakis, Manos'<manos@gatech.edu>  
**CC:** Mitchell, Michael F<michael.mitchell@ece.gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Lever, Charles C<chazlever@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Sibble, Dan<Dan.Sibble@osp.gatech.edu>  
**Subject:** RE: SMOKE DARPA proposal

Hi Manos, nice to meet you as well. Let me know how I can be of assistance with this submittal.

Ashley

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Tuesday, December 7, 2021 3:03 PM  
**To:** Sibble, Dan <Dan.Sibble@osp.gatech.edu>; Smith, Ashley <ashley.smith@osp.gatech.edu>  
**Cc:** Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Keromytis, Angelos D <angelos@gatech.edu>; Lever, Charles C <chazlever@gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>  
**Subject:** Re: SMOKE DARPA proposal  
Great, thanks Dan!  
Ashley pleased to virtually meet you!  
Manos

---

**From:** Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>  
**Sent:** Tuesday, December 7, 2021 3:00:48 PM  
**To:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>; Smith, Ashley <[ashley.smith@osp.gatech.edu](mailto:ashley.smith@osp.gatech.edu)>  
**Cc:** Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)>; Lever, Charles C <[chazlever@gatech.edu](mailto:chazlever@gatech.edu)>; Abdallah, Chaouki T <[ctabdallah@gatech.edu](mailto:ctabdallah@gatech.edu)>; McLaughlin, Steven W <[swm@gatech.edu](mailto:swm@gatech.edu)>  
**Subject:** RE: SMOKE DARPA proposal  
Good Afternoon Manos,

Thanks for your email. Please be advised that Ashley Smith (cc'd) is now the corresponding GTRC Contracting Officer for the College Engineering's DARPA programs. Ashley will be happy to assist you with this effort.

Best,

Dan

Dan Sibble  
Contracting Officer  
Office of Sponsored Programs  
Georgia Institute of Technology  
926 Dalney Street, N.W.  
Atlanta, GA 30318  
Office: 404-894-6947  
Mobile: 404-987-6809

-----Original Message-----

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Sent:** Tuesday, December 7, 2021 1:12 PM  
**To:** Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>  
**Cc:** Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)>; Lever, Charles C <[chazlever@gatech.edu](mailto:chazlever@gatech.edu)>; Abdallah, Chaouki T <[ctabdallah@gatech.edu](mailto:ctabdallah@gatech.edu)>; McLaughlin, Steven W <[swm@gatech.edu](mailto:swm@gatech.edu)>  
**Subject:** SMOKE DARPA proposal

Hey Dan, hope you are doing great.

This is a heads up that the COEUS center will be submitting a proposal for at least TA2 (and maybe TA1) of the DARPA SMOKE program, and I will be the PI.

<https://sam.gov/opp/8832e2b8d9864169a234834eea89e5f1/view>

We are currently working to finalize the list of subcontractors we will have in our team. You will know when we finalized this list.

The upper management of the Institute is aware of our intention to submit this proposal. Because we envision the budget of this program to be kind of big (~\$25M for 3.5 years), I would appreciate your close collaboration with Michael to make sure that the Volume 2 of is rock solid.

Proposals are due end of January.

Thanks, Manos

similar to this email I received. The most worrying for me however is that they want to dox my electronic profile and find my physical location. For that, they want to even crowdsource a fundraiser.

I start looking at all these and I borderline freaked out. I did not dive deeper because I was on baby duty. Perhaps someone should document all these just in case something happens to me and my family?

Thanks, Manos

**From:** Mark Worth [REDACTED] >

**Sent:** Monday, February 14, 2022 7:14:16 AM

**To:** Antonakakis, Manos <manos@gatech.edu>

**Subject:** spying on President Trump

Dear Dr. Antonakakis,

Do you know who was involved with the spying on President Trump that was publicly announced this past Saturday?

Many thanks and kind regards,

**Mark Worth**

-----

Berlin

(+49) 176 630 94993 (mobile/WhatsApp)

(+49) 30 450 89219 (office)

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Monday, August 17, 2020 6:47:17 PM  
**To:** Keromytis, Angelos D<angelos@gatech.edu>  
**CC:** Egerstedt, Magnus<magnus.egerstedt@ece.gatech.edu>; McLaughlin, Steven W<swm@coe.gatech.edu>  
**Subject:** Re: SSP for Royal

Yeah, this is kind of ridiculous.

When you have an administrator of GT and (in this case) the gatekeeper of whatever the law and right process is, and after consulting with what appears to be the new boss of OSP, you are still talking to us about "believes" instead of articles/procedures, then you know there no real way you can save OSP from its misery.

BTW, if I wanted to hear about believes, I would have gone to a church. Not OSP.

Manos

On Aug 17, 2020, at 1:39 PM, Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)> wrote:

This exercise in risk avoidance between OIT and GTRI is about as funny as it gets — and all about a piece of paper that, however they label it, says that our systems are secure enough :-)

This illustrates why we really need to be able to do classified projects (as ROYAL is) on the RI side...  
-Angelos

PS. You don't need to do anything for the specific matter, it will resolve itself.

Begin forwarded message:

**From:** "Burke, Roberta" <[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>  
**Subject:** RE: SSP for Royal  
**Date:** August 17, 2020 at 1:33:34 PM EDT  
**To:** "'Smith, Kyle L'" <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>, "Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Cc:** "Keromytis, Angelos D" <[angelos@gatech.edu](mailto:angelos@gatech.edu)>, "Cyber Security Compliance Team" <[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>, "Caravati, Rebecca" <[Rebecca.Caravati@osp.gatech.edu](mailto:Rebecca.Caravati@osp.gatech.edu)>, "Penn, Blake C" <[blake.penn@security.gatech.edu](mailto:blake.penn@security.gatech.edu)>, "Blake, Leon M" <[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)>

Hi Kyle,

I've consulted with Rebecca; we believe this is an OIT decision.

Best Regards,

Roberta Burke, MBA, CPCM, CRA  
Director, GTRI Contracts Administration

Office of Sponsored Programs  
Georgia Institute of Technology  
Office Phone: 404-385-2082  
Office Cell: 404-360-0387

-----Original Message-----

From: Smith, Kyle L [<mailto:kyle.smith@security.gatech.edu>]  
Sent: Monday, August 17, 2020 9:47 AM  
To: Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>; Burke, Roberta <[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>  
Cc: Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)>; Cyber Security Compliance Team <[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Caravati, Rebecca <[Rebecca.Caravati@osp.gatech.edu](mailto:Rebecca.Caravati@osp.gatech.edu)>; Penn, Blake C <[blake.penn@security.gatech.edu](mailto:blake.penn@security.gatech.edu)>; Blake, Leon M <[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)>  
Subject: RE: SSP for Royal

Thank you Dr. Antonakakis!

Hi Roberta!

If OSP is okay with proceeding with the Astrolavos lab-wide signed by Dr. Antonakakis, the SSP and ROC attached are the most current iterations and the ROC was assessed compliant to NIST 800-171.

Thanks!  
Kyle

-----Original Message-----

From: Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
Sent: Monday, August 17, 2020 9:27 AM  
To: Smith, Kyle L <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>  
Cc: Burke, Roberta B <[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>; Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)>; Cyber Security Compliance Team <[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Caravati, Rebecca V <[Rebecca.Caravati@osp.gatech.edu](mailto:Rebecca.Caravati@osp.gatech.edu)>; Penn, Blake C <[blake.penn@security.gatech.edu](mailto:blake.penn@security.gatech.edu)>  
Subject: Re: SSP for Royal

Kyle, I am OK with this, yes.

Thanks, Manos

On Aug 17, 2020, at 7:26 AM, Smith, Kyle L <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)> wrote:

Hi Roberta!

In terms of the Cyber Security side of the SSP and ROC, it sounds like the Lab-Wide SSP for the Astrolavos lab will cover the systems and personnel for the project. The main concern

is that Dr. Antonakakis is listed as the PI on that lab-wide and is the signatory of the document. If he is okay with his signature covering this effort, then we're good with this from a Cyber Security standpoint.

We brought the point up about OSP making the decision on the process of covering the project under this lab-wide because OSP has made the calls in the past to confirm whether projects can be covered under a lab-wide, or whether projects should be split into individual SSPs. However, if you're okay with the lab-wide for Astrolavos being used in this case, we are as well.

Dr. Antonakakis, are you okay with your signature covering this effort?

Thanks!  
Kyle

-----Original Message-----

From: Burke, Roberta <[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>  
Sent: Friday, August 14, 2020 4:46 PM  
To: Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)>; Smith, Kyle L <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>  
Cc: Arnold, Paul <[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)>; Blake, Leon M <[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)>; Pavadore, Anita M <[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)>; Cyber Security Compliance Team <[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Roberts, Christopher M <[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)>; Caravati, Rebecca V <[Rebecca.Caravati@osp.gatech.edu](mailto:Rebecca.Caravati@osp.gatech.edu)>  
Subject: RE: SSP for Royal

Hi Kyle,

I would like to assist, but it's entirely OIT's decision as to whether a lab-wide SSP or project level SSP is required to adequately protect any CUI being generated, transmitted or stored on the IT system.

Best Regards,

Roberta Burke, MBA, CPCM, CRA  
Director, GTRI Contracts Administration Office of Sponsored Programs  
Georgia Institute of Technology Office Phone: 404-385-2082  
Office  
Cell: 404-360-0387

-----Original Message-----

From: Keromytis, Angelos D [<mailto:angelos@gatech.edu>]  
Sent: Thursday, August 13, 2020 4:42 PM  
To: Smith, Kyle L <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>  
Cc: Burke, Roberta <[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>;  
Arnold, Paul  
<[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)>; Blake, Leon M  
<[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)>; Pavadore, Anita H.  
<[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)>; Cyber Security  
Compliance Team  
<[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Barney, Diane  
<[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)>; Roberts, Chris M.  
<[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)>; Yarbrough, Lucy  
<[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)>  
Subject: Re: SSP for Royal

Kyle,  
To your last question: no, I'd like to keep everything as is —  
after all, I may have need for Manos' technical skills in this  
project at some point.  
Thanks!  
-Angelos

On Aug 13, 2020, at 4:37 PM, Smith, Kyle L <  
[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)> wrote:

Hi Dr. Keromytis!

If you're okay with it, the better option in this  
place to keep the process clean would be to  
have this project where you are the PI with  
its own SSP unless Dr. Antonakakis will also  
be acting in a PI capacity. Generally when  
we've had lab-wide SSPs, it's been to cover  
collections of projects with the same PI,  
personnel, and equipment. For example,  
ASDL has a single PI that is over all projects  
and then CO-PIs associated with individual  
projects, and the SSP covers about 100 users  
and 100 systems.

I would like to step back however and defer  
to OSP, as they make the ultimate decision  
on SSPs and what is acceptable from  
situation to situation. Roberta, as Dr.  
Antonakakis is the PI on the Lab-Wide SSP,  
can you please confirm if OSP would prefer  
to see a Project-Based SSP based on what's  
been discussed or if the Lab-Wide is  
acceptable even though the PI is different?

If we go the route of a project SSP, the

equipment listed in the Astrolavos lab also includes Dr. Antonakakis' Mac in his office as part of the scope. Is it safe to remove that system for the project SSP? Are there any other systems on the SSP for the Astrolavos lab that should be removed in this case?

Thanks!  
Kyle Smith

-----Original Message-----

From: Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)>  
Sent: Thursday, August 13, 2020 4:16 PM  
To: Smith, Kyle L <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>  
Cc: Arnold, Paul <[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)>; Blake, Leon M <[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)>; Burke, Roberta B <[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>; Pavadore, Anita M <[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)>; Cyber Security Compliance Team <[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Barney, Diane J <[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)>; Roberts, Christopher M <[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)>; Yarbrough, Lucy K <[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)>  
Subject: Re: SSP for Royal

I'm not sure I understand why this cannot be done under the existing Lab-wide SSP...all systems and personnel for this project are a subset of the lab systems and personnel. If we have a plan to protect CUI across the lab, what is the point (or value) of doing one just for the project?

Alternatively, you could create a second Lab-wide SSP, cloning everything but naming me as the PI — after all, Manos and I are co-directors. I'm sure you've run into labs/centers that have more than one directors?  
-Angelos

On Aug 13, 2020, at 2:52



PM, Smith, Kyle L <  
[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)  
> wrote:

Hello!

If Dr. Keromytis is the PI on our side for this effort, we'll need a Project Specific SSP. We have more info on this page, <https://cui.gatech.edu/gt-standard-system-security-plan/>, and the requirements for the Lab-Wide include:

- The Principal Investigator is the same across multiple projects.
- Personnel working on all projects and equipment used on all projects in the environment are accounted for.
- Personnel working in the environment are authorized to work on all projects in the environment covered by the SSP.

As Dr. Antonakakis is the PI on the Lab-Wide, we'll need to account for Dr. Keromytis being the PI in this case with a project-based SSP. However, what will speed up the process is if all of the systems and personnel on Dr. Keromytis' project are on this SSP, as we'll be able to copy the information over from the SSP and Report on Compliance from there.

Please let me know if there are any other questions I can assist with and I'll be happy to help!

Thanks!  
Kyle

From: Arnold, Paul <

[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)

>

Sent: Thursday, August 13,  
2020 2:42 PM

To: Blake, Leon M <

[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)

>; Smith, Kyle L

<

[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)

>; Burke, Roberta B

<

[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)

>; Keromytis, Angelos D

<[angelos@gatech.edu](mailto:angelos@gatech.edu)>

Cc: Pavadore, Anita M <

[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)

>; Cyber

Security Compliance Team <

[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)

>; Barney,

Diane J <

[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)

>; Roberts, Christopher M

<

[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)

>; Yarbrough, Lucy K

<

[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)

>

Subject: RE: SSP for Royal

Adding Angelos

Leon/Kyle –

Will the attached SSP work  
for Royal?

Angelos – can you confirm  
the equipment and users  
listed will also suffice for  
Royal?

Thanks Everyone.

Paul

From: Blake, Leon M <

[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)

>

Sent: Wednesday, August  
12, 2020 4:03 PM

To: Arnold, Paul <  
[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)  
>; Smith, Kyle L  
<  
[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)  
>; Burke, Roberta  
<  
[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)  
>  
Cc: Pavadore, Anita H. <  
[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)  
>; Cyber  
Security Compliance Team <  
[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)  
>; Barney,  
Diane <  
[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)  
>; Roberts, Chris M.  
<  
[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)  
>; Yarbrough, Lucy  
<  
[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)  
>  
Subject: RE: SSP for Royal

Hi Everyone,

Can you please provide an  
update on the discovery  
documents and your  
availability for a kick-off?

Cordially,  
Lee

Leon Blake  
Info Security Regulatory  
Compliance Sr Cyber  
Security Georgia  
Institute of Technology

From: Blake, Leon M  
Sent: Wednesday, August 5,  
2020 1:05 PM  
To: Arnold, Paul <  
[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)  
>; Smith, Kyle L

<  
[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)  
>; Burke, Roberta B  
<  
[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)  
>  
Cc: Pavadore, Anita M <  
[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)  
>; Cyber  
Security Compliance Team <  
[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)  
>; Barney,  
Diane J <  
[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)  
>; Roberts, Christopher M  
<  
[Chris.roberts@gtri.gatech.edu](mailto:Chris.roberts@gtri.gatech.edu)  
>; Yarbrough, Lucy K  
<  
[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)  
>  
Subject: RE: SSP for Royal

Hi Everyone,

Congrats on your project!  
Please complete the  
attached discovery  
documentation for your  
project and send the  
documents back to me at  
your earliest convenience.  
Once the completed  
discovery documents are  
received, I would like to  
schedule a kick-off meeting  
for this project. The  
meeting's purpose is to map  
your responses on the  
discovery documentation to  
the controls of NIST 800-  
171 and draft a System  
Security Plan (SSP). The  
meeting will also provide  
time for us to answer any  
questions about the DFARS  
compliance process that you  
may have. Can you please  
provide some times and a  
location that work best for  
you?

More information about the process can be found here:

[cui.gatech.edu](http://cui.gatech.edu)

Should you have any questions or concerns, please don't hesitate to ask. We look forward to working with you through this process.

Cordially,  
Lee

Leon Blake  
Info Security Regulatory  
Compliance Sr Cyber  
Security Georgia  
Institute of Technology

From: Arnold, Paul <  
[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)  
>  
Sent: Wednesday, August 5,  
2020 9:42 AM  
To: Smith, Kyle L <  
[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)  
>; Burke, Roberta B  
<  
[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)  
>; Blake, Leon M  
<  
[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)  
>  
Cc: Pavadore, Anita M <  
[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)  
>; Cyber  
Security Compliance Team <  
[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)  
>; Barney,  
Diane J <  
[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)  
>; Roberts, Christopher M  
<  
[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)  
>; Yarbrough, Lucy K  
<  
[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)  
>

Subject: RE: SSP for Royal

Hey Kyle/Leon –

Thanks for helping with the SSP. Professor Keromytis will use GT equipment for Royal. Can you provide a rough estimate on when the SSP could be completed?

Thanks again!

Paul

From: Smith, Kyle L <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>  
>  
Sent: Friday, July 31, 2020  
9:41 AM  
To: Burke, Roberta <[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>; Arnold, Paul <[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)>; Blake, Leon M <[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)>  
>  
Cc: Pavadore, Anita H. <[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)>; Cyber Security Compliance Team <[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Barney, Diane <[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)>; Roberts, Chris M. <[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)>; Yarbrough, Lucy <[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)>  
>  
Subject: RE: SSP for Royal

Hello everyone!

To add to the below – My colleague Leon Blake will be assisting from here with this SSP. Please let us know if you have any questions and

we'll be happy to help!

Thanks!

Kyle

From: Smith, Kyle L

Sent: Friday, July 31, 2020

7:35 AM

To: Burke, Roberta <

[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)

>; Arnold, Paul

<

[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)

>

Cc: Pavadore, Anita M <

[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)

>; Cyber

Security Compliance Team <

[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)

>; Barney,

Diane J <

[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)

>; Roberts, Christopher M

<

[Chris.roberts@gtri.gatech.edu](mailto:Chris.roberts@gtri.gatech.edu)

>; Yarbrough, Lucy K

<

[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)

>

Subject: RE: SSP for Royal

Hi Roberta!

Noted!

Hi Paul!

Will Professor Keromytis be allocated GTRI equipment and resources for this effort, or will he be using Georgia Tech campus resources?

Thanks!

Kyle

From: Burke, Roberta <

[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)

>

Sent: Thursday, July 30, 2020

5:10 PM

To: Yarbrough, Lucy K <

[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)

>; Roberts,  
Christopher M <  
[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)  
>; Smith, Kyle L  
<  
[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)  
>; Arnold, Paul  
<  
[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)  
>  
Cc: Pavadore, Anita M <  
[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)  
>; Cyber  
Security Compliance Team <  
[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)  
>; Barney,  
Diane J <  
[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)  
>  
Subject: RE: SSP for Royal

Hi Kyle,

We received notice of the pending award, but I have not received any contractual documents, or even discussed the requirements with the PD, so I can't confirm whether it's a full blown SSP or FRE SSP.

Absent an FRE carve-out, it would require a full SSP. So it would be advisable to begin the process.

Best Regards,

Roberta Burke, MBA, CPCM,  
CRA  
Director, GTRI Contracts  
Administration Office of  
Sponsored Programs  
Georgia Institute of  
Technology Office Phone:  
404-385-2082 Office  
Cell: 404-360-0387

From: Yarbrough, Lucy  
Sent: Thursday, July 30, 2020  
4:18 PM  
To: Roberts, Chris M. <



[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)  
>; 'Smith, Kyle L'  
<  
[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)  
>; Arnold, Paul  
<  
[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)  
>; Burke, Roberta  
<  
[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)  
>  
Cc: Pavadore, Anita H. <  
[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)  
>; Cyber  
Security Compliance Team <  
[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)  
>; Barney,  
Diane <  
[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)  
>  
Subject: RE: SSP for Royal

Roberta,

I am sending this to you  
since you were not on the  
initial e-mail. I understand  
Anita and Chris have  
discussed with you.

Lucy

LUCY K. YARBROUGH  
Contracting Officer  
Office of Sponsor Programs  
Georgia Institute of  
Technology  
926 Dalney Street, N.W.  
Atlanta, GA 30332-0415  
Email:  
[lucy.yarbrough@osp.gatech.edu](mailto:lucy.yarbrough@osp.gatech.edu)

Phone: 404-385-2084  
\*\*please leave voice  
message\*\*  
Cell: 470-925-6816  
FAX: 404-385-0864/5945  
From: Roberts, Chris M.  
Sent: Thursday, July 30, 2020  
4:09 PM  
To: Yarbrough, Lucy <  
[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)  
>; 'Smith, Kyle L'

<  
[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)  
>; Arnold, Paul  
<  
[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)  
>  
Cc: Pavadore, Anita H. <  
[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)  
>; Cyber  
Security Compliance Team <  
[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)  
>; Barney,  
Diane <  
[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)  
>  
Subject: Re: SSP for Royal

This is for Darpa-Royal.  
Roberta Burke is read into  
this project.

Thank you,

Chris M. Roberts  
Techniques Branch Chief  
Georgia Tech Research  
Institute  
CIPHER | Techniques Branch  
404.407.8378 (office)  
404.844.8236 (cell)

From: "Yarbrough, Lucy" <  
[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)  
>  
Date: Thursday, July 30,  
2020 at 3:59 PM  
To: "'Smith, Kyle L'" <  
[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)  
>, "Arnold, Paul"  
<  
[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)  
>  
Cc: "Roberts, Chris M." <  
[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)  
>, "Pavadore,  
Anita H." <  
[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)  
>, Cyber Security  
Compliance Team <  
[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)  
>, "Barney, Diane"  
<

[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)

>

Subject: RE: SSP for Royal

Paul,

Which project?

Lucy

Paul,

Which project?

LUCY K. YARBROUGH  
Contracting Officer  
Office of Sponsor Programs  
Georgia Institute of  
Technology  
926 Dalney Street, N.W.  
Atlanta, GA 30332-0415  
[Email:  
lucy.yarbrough@osp.gatech.edu](mailto:lucy.yarbrough@osp.gatech.edu)

Phone: 404-385-2084

\*\*please leave voice  
message\*\*

Cell: 470-925-6816

FAX: 404-385-0864/5945

From: Smith, Kyle L [  
<mailto:kyle.smith@security.gatech.edu>  
]

Sent: Thursday, July 30, 2020  
1:55 PM

To: Arnold, Paul <  
[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)

>

Cc: Roberts, Chris M. <  
[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)

>; Pavadore,  
Anita H. <  
[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)

>; Cyber Security  
Compliance  
Team <  
[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)

>; Barney, Diane

<

[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)

>; Yarbrough, Lucy

<

[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)

>

Subject: RE: SSP for Royal

Hello Paul!

We'll be happy to help - Has OSP been engaged? They have a carveout in their process for Interdivisional Transfers that they check in on first, which we've listed on our CUI page here: <https://cui.gatech.edu/osp-dfars-process>. I've included Diane Barney and Lucy Yarbrough on this message to get their input before proceeding as they have been our primary contacts for GTRI Divisional Transfers.

Thanks!

Kyle

System Security Plans (SSPs) for all interdivisional transfers to RI on GTARC/GTRI contracts containing the 7012 or other similar clause:

1. If the RI work is critical to the GTARC/GTRI statement of work, the contract will not be accepted and executed prior to the completion and approval of an SSP and ROC. Critical is defined as necessary to the overall statement of work with no alternative approach other than participation by the RI faculty member(s) in RI facilities using RI equipment and systems.
2. If the RI work is not critical to the GTARC/GTRI statement of work, the contract may be executed; however, no budgeted funds may be transferred from GTRI to RI as an interdivisional transfer until the SSP and ROC are

completed and approved.  
The GTRI PI should write a one page memo explaining how the work would be accomplished without the interdivisional transfer in the event the PI on the proposed RI sub-budget fails to obtain an approved SSP. The memo should be uploaded with the proposal budget and approved by both the lab director and the appropriate deputy director.

3. In the event the proposal is submitted using a GTARC/GTRI contract vehicle with unilateral acceptance, the SSP and ROC must be completed prior to submission of the proposal or the PI should write a memo as described in item two above. No budgeted funds may be transferred from GTRI to RI until the SSP and ROC are completed and approved. Please note that if the work is to be performed by an RI faculty member in GTRI facilities using GTRI equipment and systems, the RI faculty member should be placed on a shared appointment to GTRI and GTRI indirect rates must be applied to the effort. No interdivisional transfer is necessary and an RI SSP is not required.

From: Arnold, Paul <[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)

>

Sent: Thursday, July 30, 2020  
1:48 PM

To: Smith, Kyle L <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)

>  
Cc: Roberts, Christopher M  
<  
[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)  
>;  
Pavadore, Anita M <  
[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)  
>  
Subject: SSP for Royal

Hey Kyle,

GTRI will start a new research project called Royal ~ Oct 2020. We will be working with Campus and Professor Angelos Keromytis in ECE.

We need a System Security Plan (SSP) to deliver to our Sponsor (DARPA). Additionally, I understand we'll need a Report on Compliance (ROC).

Can you help us with these documents or point me to the right person? Thanks Kyle.

Best,

Paul

Paul J. Arnold  
Associate Division Chief,  
Network Vulnerability  
Division  
Cybersecurity, Information  
Protection, and Hardware  
Evaluation  
Research (CIPHER)  
Laboratory Georgia Tech  
Research Institute  
Work: 404.407.8418  
Mobile: 858.335.4303

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Monday, June 28, 2021 1:31:02 PM  
To: McLaughlin, Steven W <swm@gatech.edu>  
Subject: Re: Stelios Kavadias

Steve, July 6th I have workers at the house to fix a small water damage in the basement. They should be done by 13.00. I could drive down after or we could reschedule some other time the same week.

Thanks, Manos

---

From: McLaughlin, Steven W <swm@gatech.edu>  
Sent: Monday, June 28, 2021 7:21 AM  
To: Antonakakis, Manos  
Subject: Re: Stelios Kavadias

Thx Manos – any chance next Tues 9:30a (July 6) works?  
Best  
Steve

\*\*\*\*\*

Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs  
Georgia Institute of Technology  
\*\*\*\*\*

From: "Antonakakis, Manos" <manos@gatech.edu>  
Date: Sunday, June 27, 2021 at 10:11 AM  
To: "McLaughlin, Steven W" <swm@gatech.edu>  
Subject: Re: Stelios Kavadias

Absolutely, Steve. Thursday and Friday are bad days for me, but I will clear my schedule for any other time you would like us to meet.

Thanks, Manos

---

From: McLaughlin, Steven W <swm@gatech.edu>  
Sent: Sunday, June 27, 2021 8:04:15 AM  
To: Antonakakis, Manos <manos@gatech.edu>  
Subject: Re: Stelios Kavadias

Thanks Manos – let's find a time to catch up in the next week or so?

\*\*\*\*\*

Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs  
Georgia Institute of Technology

\*\*\*\*\*

From: "Antonakakis, Manos" <manos@gatech.edu>  
Date: Friday, June 25, 2021 at 12:09 PM  
To: "McLaughlin, Steven W" <swm@gatech.edu>  
Subject: Stelios Kavadias

Hey Steve, hope you are doing great!

Was on a call with Stelios (<https://www.jbs.cam.ac.uk/faculty-research/faculty-a-z/stylios-stelios-kavadias/>) today and I realized that he is not only back in the market, but he would love to come back at GT/US School if there is a "challenging enough" opportunity for him.

He recently was a finalist for the Dean position at Cambridge Business School, and he would imagine that he would be extremely interested in something along the same lines. It is unclear, however, if we are looking for someone at his level currently. If we are, I would be very happy to make intros with him.

Thought I should share the news with you, just in case you find them useful.

Thanks, Manos



**From:** Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Sent on:** Monday, August 24, 2020 5:11:13 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>; McLaughlin, Steven W<swm@coe.gatech.edu>; Egerstedt, Magnus<magnus.egerstedt@ece.gatech.edu>  
**CC:** Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Re: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse



Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
**Georgia Institute of Technology**  
225 North Avenue  
Atlanta, GA 30332-0325

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Monday, August 24, 2020 at 12:02 PM  
**To:** "McLaughlin, Steven W" <swm@coe.gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "Egerstedt, Magnus" <magnus.egerstedt@ece.gatech.edu>  
**Cc:** "Keromytis, Angelos D" <angelos@gatech.edu>  
**Subject:** Fwd: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse  
Steve/Chaouki, I do not need you to do anything. I am just trying to get OSP to work with us on this. While it is sad that I have to name-drop you in this email, but your names might just help us get some answers.

Thanks,  
Manos

Begin forwarded message:

**From:** "Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Subject:** Re: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse  
**Date:** August 24, 2020 at 11:56:45 AM EDT  
**To:** "Mitchell, Michael F" <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>  
**Cc:** "Sibble, Dan J" <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>, "Jackson, Timothy S" <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>, "Pilcher, Steven L" <[Steve.Pilcher@osp.gatech.edu](mailto:Steve.Pilcher@osp.gatech.edu)>, "Egerstedt, Magnus" <[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>, "Melkote, Siri G" <[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)>, "Butler, Angel D" <[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>, "Custodio, Victoria N" <[victoria.custodio@osp.gatech.edu](mailto:victoria.custodio@osp.gatech.edu)>, "McLaughlin, Steven W" <[swm@coe.gatech.edu](mailto:swm@coe.gatech.edu)>, "Abdallah, Chaouki T" <[ctabdallah@gatech.edu](mailto:ctabdallah@gatech.edu)>

Thanks Michael for the update. There is a major event (Hackathon) in November that I will need Roberto's help with. Our success in this Hackathon will secure our funding for Phase III of the HACCS project (next 18 months). We need these funds for many obvious reasons, some of which are, so we will not have to terminate the GRAs from our F1 international students.

This has been dragging on and on for many months. If Roberto (as UGA) is not under contract by October, then I will have to step in, and that will impact greatly (in a pure negative sense) a number of new funding activities I am working on. I need a hard deadline for this so I can mitigate the risk. Can someone give me that? If we cannot do it, I need to explicitly know why this cannot be done, why we have not been informed about it sooner (so I can plan accordingly) and I would like to see the exact policies in places that blocks us from doing this sub contract with UGA (given the fact that Roberto is an expert on this project and part of it for the last two years).

A non-trivial amount of time was spent to fix HACCS, not only from me but from people in

this thread. My reputation as a researcher and PI is on the line. Not intending to fail in the eyes of the sponsor without having a clear understanding who's fault this is internally at GT.

Steve, Chaouki; this is just an FYI-  
Thanks,  
Manos

On Aug 24, 2020, at 11:42 AM, Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)> wrote:

Manos,

I am working with Tim, Dan, and Steve to get this done. The last document they need is the justification for selection and price reasonableness. I know that seems strange given that this is really more of a project continuation than a "new" subaward, but it is important for the contract auditors on this project.

I will have this to them in a few moments and Tim has promised to make this a priority as soon as it goes through. Dan has promised to work out the issues with his contracting counterpart with the sponsor as well. Ideally this shouldn't take longer than a few days, but there are lots of moving parts.

I have spoken to Roberto and he is very sympathetic and understanding and has been very helpful, and is aware of the delays. Going forward I think we have a resolution in place for this to avoid this issue for any other subagreements.

Michael

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Sent:** Monday, August 24, 2020 11:31 AM

**To:** Sibble, Dan J <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>

**Cc:** Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Jackson, Timothy S <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>; Pilcher, Steven L <[Steve.Pilcher@osp.gatech.edu](mailto:Steve.Pilcher@osp.gatech.edu)>; Egerstedt, Magnus <[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>; Melkote, Siri G <[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)>; Butler, Angel D <[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>; Custodio, Victoria N <[victoria.custodio@osp.gatech.edu](mailto:victoria.custodio@osp.gatech.edu)>

**Subject:** Re: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Can I please get an update on this? When this will be done?

Manos

On Aug 18, 2020, at 8:00 PM, Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)> wrote:

Michael, et al,

I will need the documents referenced by Tim (cost/price analysis and adequate selection memo) as soon as completed. These docs are necessary for the consent review/evaluation.

Thanks,

Dan

**Dan Sibble**

**Contracting Officer**

Office of Sponsored Programs

Georgia Institute of Technology

926 Dalney Street, N.W.  
Atlanta, GA 30318  
Office: 404-894-6947  
Mobile: 404-987-6809

---

**From:**Jackson, Timothy  
**Sent:**Tuesday, August 18, 2020 6:04 PM  
**To:**Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Pilcher, Steve <[Steve.Pilcher@osp.gatech.edu](mailto:Steve.Pilcher@osp.gatech.edu)>; Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>  
**Cc:**Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>; Egerstedt, Magnus <[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>; Melkote, Siri G <[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)>; Butler, Angel <[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>; Custodio, Victoria <[victoria.custodio@osp.gatech.edu](mailto:victoria.custodio@osp.gatech.edu)>  
**Subject:**RE: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Good Evening All,

I will more than likely process this award when it is finally submitted in CIS. The past effort (D8553-S2) with Dr. Perdisci that Michael and I worked on was cancelled due to various issues. It seems that those issues have all been resolved on the current effort. Are these related? Michael, the process is identical to the last time when you and I worked together to get the sub award process going. You will need to submit a formal sub request that has a completed cost/price analysis and adequate selection memo along with the documents you have already provided. When you complete the submission, send me and email and I will grab it immediately. Looks like we are already working on the consent but we need the price/cost analysis among a few other certs to send over. Much of this will be provided once you submit a request in CIS. Thanks.

**Respectfully,**

**Timothy Jackson**|Contracting Officer-Subcontracts  
Office of Sponsored Programs|GeorgiaInstituteofTech  
nology -GTRI

926 Dalney Street, NW Atlanta, GA  
Office: 404.894.6954 or Cell: 404.710.0483|Fax:  
404.385.0864|  
<image001.jpg>

---

**From:**Mitchell, Michael F  
**Sent:**Monday, August 17, 2020 3:50 PM  
**To:**Pilcher, Steve; Sibble, Dan  
**Cc:**Jackson, Timothy; Antonakakis, Manos; Egerstedt, Magnus; Melkote, Siri G; Butler, Angel; Custodio, Victoria  
**Subject:**RE: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse  
Hey Steve & Dan,  
Attached are the budget justification, Budget, and SOW.  
What else do we need?  
M

---

**From:**Pilcher, Steve <[Steve.Pilcher@osp.gatech.edu](mailto:Steve.Pilcher@osp.gatech.edu)>  
**Sent:**Monday, August 17, 2020 3:47 PM

**To:**Sibble, Dan J <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>;  
Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>  
**Cc:**Jackson, Timothy S <  
[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>; Antonakakis,  
Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>; Egerstedt, Magnus <  
[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>; Melkote, Siri G <  
[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)>; Butler, Angel D <  
[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>; Custodio, Victoria N <  
[victoria.custodio@osp.gatech.edu](mailto:victoria.custodio@osp.gatech.edu)>

**Subject:**RE: Subaward - GATech : DARPA : Behavioral  
Engine for Detecting Network Abuse

Mike, do you have this info requested below?

Thanks

**Steven Pilcher, RAI/Sub Awards Manager**

Office of Sponsored Programs  
Georgia Institute of Technology  
Office: (404) 894-6939  
Cell: (470) 990-0320  
FAX: (404) 385-0864

---

**From:**Sibble, Dan

**Sent:**Monday, August 17, 2020 3:13 PM

**To:**Pilcher, Steve; Simpson, Dana; Mitchell, Michael F

**Cc:**Jackson, Timothy; Antonakakis, Manos; Egerstedt,  
Magnus; Melkote, Siri G; Butler, Angel; Custodio,  
Victoria

**Subject:**RE: Subaward - GATech : DARPA : Behavioral  
Engine for Detecting Network Abuse

Hi Steve,

For the consent request please have your team provide  
me with the standard consent request information  
items that I'll need to provide the government with  
(i.e., SOW, Cost/Price Analysis, Cert).

Thanks,

Dan

**Dan Sibble**

**Contracting Officer**

Office of Sponsored Programs  
Georgia Institute of Technology  
**926 Dalney Street, N.W.**  
**Atlanta, GA 30318**  
**Office: 404-894-6947**  
**Mobile: 404-987-6809**

---

**From:**Butler, Angel

**Sent:**Monday, August 17, 2020 11:23 AM

**To:**Pilcher, Steve <[Steve.Pilcher@osp.gatech.edu](mailto:Steve.Pilcher@osp.gatech.edu)>;  
Simpson, Dana <[Dana.Simpson@osp.gatech.edu](mailto:Dana.Simpson@osp.gatech.edu)>;  
Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)  
>; Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>

**Cc:**Jackson, Timothy <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)  
>; Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>;  
Egerstedt, Magnus <[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)  
>; Melkote, Siri G <[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)>;  
Custodio, Victoria <[victoria.custodio@osp.gatech.edu](mailto:victoria.custodio@osp.gatech.edu)>

**Subject:**RE: Subaward - GATech : DARPA : Behavioral  
Engine for Detecting Network Abuse

Good Morning Steve,

Dan Sibble is the assigned CO for this contract. I have included him in this email.

//Break//

Morning Dan,

Can you assist the sub-awards team with obtaining consent to subcontract?

Let me know if you need anything else.

Thanks,

Angel

---

**From:** Pilcher, Steve

**Sent:** Monday, August 17, 2020 11:15 AM

**To:** Simpson, Dana; Mitchell, Michael F

**Cc:** Butler, Angel; Jackson, Timothy; Antonakakis, Manos; Egerstedt, Magnus; Melkote, Siri G; Custodio, Victoria

**Subject:** RE: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Good Morning,

I have spoken with Mike and here is way forward with this.

For the Subcontracts Group:

Mike is going to reinput the request for a subcontract against D8553 into CIS. Tim/Victoria, please keep an eye out for that request. This is a hot item, in that the sponsor is getting frustrated with the lack of support from this UGA individual.

For the Contract Group:

Angel, please let us know if you are the correct CO for this award. If so, we are going to need a consent to subcontract from the sponsor before we can finalize the subagreement ASAP.

Please let me know if you have any questions.

Thanks

**Steven Pilcher, RAI/Sub Awards Manager**

Office of Sponsored Programs

Georgia Institute of Technology

Office: (404) 894-6939

Cell: (470) 990-0320

FAX: (404) 385-0864

---

**From:** Simpson, Dana

**Sent:** Monday, August 17, 2020 10:48 AM

**To:** Mitchell, Michael F

**Cc:** Butler, Angel; Jackson, Timothy; Antonakakis, Manos; Egerstedt, Magnus; Melkote, Siri G; Pilcher, Steve

**Subject:** RE: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

I have spoken with Steve Pilcher, Subaward Manager, about this. He will give you a call today.

Dana Simpson

Director, Operations

Office of Sponsored Programs

Georgia Institute of Technology

Atlanta, Georgia 30332-0420

Phone: (404)894-6934

FAX: (404)385-0864

---

**From:**Mitchell, Michael F  
**Sent:**Monday, August 17, 2020 10:12 AM  
**To:**Simpson, Dana <[Dana.Simpson@osp.gatech.edu](mailto:Dana.Simpson@osp.gatech.edu)>  
**Cc:**Butler, Angel <[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>;  
Jackson, Timothy <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>;  
Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>; Egerstedt,  
Magnus <[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>;  
Melkote, Siri G <[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)>  
**Subject:**RE: Subaward - GATech : DARPA : Behavioral  
Engine for Detecting Network Abuse

Hey Dana,

We are trying to create a subagreement with UGA for D8553/AWD-100051. Dr. Perdisci, who we borrowed for the past two years, has returned to UGA, but his work and expertise is still critical for this project to succeed. UGA has agreed to apply for a subagreement with this to allow this to happen and they have reached out to GT to get the process done.

So far they have not heard anything from GT. I reached out to Timothy several times to give him a heads up that this was coming and to try and figure out where things are currently in the process, but I have received no response.

Can you assist us in figuring out where and why this process is stuck, and how we can avoid this going forward?

Thanks!

***Michael Mitchell***

Research Operations Program Manager

**GEORGIA**Institute

of**TECH**nology

School of Electrical and Computer Engineering

777 Atlantic Drive NW

Atlanta, GA 30332-0765

Office: 404-385-8122

Mobile: 770-655-8039

---

**From:**Mitchell, Michael F  
**Sent:**Wednesday, August 12, 2020 10:57 AM  
**To:**Jackson, Timothy S <  
[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>  
**Cc:**Butler, Angel D <[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>  
**Subject:**RE: Subaward - GATech : DARPA : Behavioral  
Engine for Detecting Network Abuse

Hey Tim,

Can I please have an update on this? It is essential that we get this set up so Dr. Perdisci can resume his work on this project.

Thanks,  
Michael

---

**From:**Mitchell, Michael F  
**Sent:**Monday, August 3, 2020 2:11 PM  
**To:**Jackson, Timothy S <  
[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>  
**Subject:**FW: Subaward - GATech : DARPA : Behavioral

Engine for Detecting Network Abuse

Hey Timothy,

This is in response to our new request for a subagreement with UGA for D8553 (AWD-100051). I know that I reached out earlier regarding getting approval from the sponsor for this, has there been any progress on this?

Thanks!

Michael Mitchell

---

**From:** Heather Lyn Uhlman <[hluhlman@uga.edu](mailto:hluhlman@uga.edu)>

**Sent:** Friday, July 31, 2020 2:18 PM

**To:** Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>

**Subject:** Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Hi Michael,

Dr. Perdisci indicated that this project submission might be delayed. Can you confirm and let me know when GATech will be submitting? Our Sponsored Projects office is requesting confirmation.

Thanks!

Heather Lyn Uhlman, M.Ed.

Grants Coordinator II

Department of Computer Science

418 Boyd Graduate Studies Research Center | University of Georgia | Athens, GA 30602

<image002.png>

**From:** "Antonakakis, Manos" </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e6b0afc581e477db35a37c3a3a79aeb-Antonakakis>  
**Sent on:** Tuesday, January 25, 2022 1:45:15 PM  
**To:** Connolly, Robert <robert.connolly@police.gatech.edu>  
**Subject:** Re: Two sets of IPs

Chief, I should have noted that these reflect the activity you saw on 20220116.

Thanks, Manos

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Monday, January 24, 2022 5:56:25 PM  
**To:** Connolly, Robert <robert.connolly@police.gatech.edu>  
**Subject:** Two sets of IPs  
Per our discussion Chief.

Thanks, Manos



**From:** McLaughlin, Steven W<swm@coe.gatech.edu>  
**Sent on:** Friday, August 14, 2020 11:20:09 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Re: University Systems of Georgia report on GTRI and GTRC

Let's do it – have copied LaJauna to help us get a time next week or the week after

All the best

Steve

\*\*\*\*\*

Steve McLaughlin (he/him/his)  
Dean and Southern Company Chair  
College of Engineering  
Georgia Institute of Technology  
Atlanta, GA 30332

\*\*\*\*\*

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Date:** Friday, August 14, 2020 at 5:59 PM  
**To:** Keromytis, Angelos D <angelos@gatech.edu>  
**Cc:** McLaughlin, Steven W <swm@coe.gatech.edu>  
**Subject:** Re: University Systems of Georgia report on GTRI and GTRC

Echoing Angelos' comment, may I suggest we set up a sync up call that is long overdue?

---

Typos due to mobile device ...

> On Aug 14, 2020, at 17:33, Keromytis, Angelos D <angelos@gatech.edu> wrote:

>

>

> Thanks for the heads up, Steve. I like the changes that Chaouki is implementing, I think they have real potential of mitigating some of the issues we've seen in the past.

> Best,

> -Angelos

>

>

>> On Aug 14, 2020, at 17:18, McLaughlin, Steven W <swm@coe.gatech.edu> wrote:

>>

>>

>>

>> All the best

>> Steve

>>

>> \*\*\*\*\*

>> Steve McLaughlin (he/him/his)  
>> Dean and Southern Company Chair  
>> College of Engineering  
>> Georgia Institute of Technology  
>> Atlanta, GA 30332

>> \*\*\*\*\*

>>

>>

>> From: McBride, Keith D. <Keith.McBride@gtri.gatech.edu>

>> Date: Friday, August 14, 2020 at 5:12 PM

>> To: EAC <eac-dg@gtri.gatech.edu>

>> Cc: Hudgens, James <James.Hudgens@gtri.gatech.edu>, McBride, Keith D <Keith.McBride@gtri.gatech.edu>

>> Subject: University Systems of Georgia report on GTRI and GTRC

>> Dear GTRI EAC member,

>> I wanted to extend to you the attached report released by USG and GT on Thursday. It can be found at this externally facing Georgia Tech website:

>> <https://news.gatech.edu/2020/08/12/final-report-review-icl-issued>

>>

>>

>> In the 2017-18 timeframe several ethics complaints were filed by employees related to GTRI's Information Communications Lab (ICL). In 2019 an initial investigation substantiated some claims of nepotism. The initial report recommended other investigations into claims of make-work and retaliation. These investigations were just released with no substantiated claims of make-work or retaliation. However, there were substantiated claims related to employee behavior. Subsequent to the initial report, claims related to IP royalty payments were made by a subset of the same individuals and some of these claims were substantiated. The link above contains all three investigations in addition to a summary of the initial investigation.

>> In response to the initial investigation GTRI has been planning and implementing many actions over the past two years. Under Jeff Sitterle's leadership since 2019, ICL is doing very well and will now be able take some organizational actions that have been on hold until the investigation was resolved.

>> GTRC (Georgia tech research corporation) is the contracting arm of GT and the entity that processes grants for the GT campus research as well as the > \$600M in federal sponsor contracts for GTRI. This report and President Cabrera's response letter identifies changes in leadership of GTRC and how Intellectual Property (IP) will be handled going forward. Please see the message Dr. Chaouki Abdallah, GT Executive Vice President or research (EVPR), sent to the campus leadership.

>> I'm happy to answer any questions.

>>

>> Very respectfully,

>> Jim

>>

>> Dr. James J. Hudgens (he, him, his)

>> Director, Georgia Tech Research Institute

>> Senior Vice President, Georgia Institute of Technology

>> 250 14th Street, N.W.

>> Atlanta, Georgia 30332-0801

>> 470-451-6645 mobile

>> 404-407-7401 office

>> James.Hudgens@gtri.gatech.edu<mailto:James.Hudgens@gtri.gatech.edu>

>>

>> Executive Assistant:

>> Judy Parks

>> 404-407-7368 office

>> Judy.Parks@gtri.gatech.edu<mailto:Judy.Parks@gtri.gatech.edu>

>>

>>

>> Forwarded message from EVPR, Dr. Chaouki Abdallah

>>

>> Dear Leadership Team Member,

>> I am writing to make you aware that The University System Office in collaboration with the Georgia Tech administration just completed a formal review of concerns raised regarding the Information and Communications Laboratory (ICL) which operates in the Georgia Tech Research Institute (GTRI). The review addressed challenges raised in 2017 and 2018.

>>

>> The process identified areas of improvement around organizational effectiveness and workplace culture, which are already being addressed by the relevant units. Changes include personnel actions, modifications in the Institute's intellectual (IP) policy and program, and a review of GTRI's organizational structure.

>>

>> We are confident that these changes, coupled with the new executive leadership in place since last year and Institute wide programs in the area of ethics and compliance, will strengthen our research enterprise, accelerate its extraordinary growth and amplify its extraordinary impact in areas of strategic national importance and global significance.

>>

>> I imagine you have interest in the organizational changes. We have also reviewed the structure of the organization that supports IP matters and has proposed management and leadership changes. It is our intent that these changes will support greater transparency, consistency, and proper management of the intellectual property program, including appropriate handling of royalty distributions.

>>

>> The EVPR and Chief Human Resources Officer have begun implementing these changes with the goal of completing the necessary transitions by August 31, 2020.

>> • Jilda Garton, Vice President of Research, will transition out of her role on August 28, 2020. We would like to thank Jilda for her years of dedicated service to the Institute.

>> • Rebecca Caravati will serve as the Interim Vice President while a search is conducted.

>> • Responsibility for management of the Office of Technology Licensing will be removed from GTRC and will reside within the portfolio of another Vice President within the EVPR's organization.

>> • The employee providing legal support within the Office of Industry Engagement on GTRC-related matters will now report into the Office of the General Counsel.

>> Additional changes that have been already implemented include the appointment of two attorneys from the Office of the General Counsel to serve as officers of GTRC. The EVPR and Chief Human Resources Officer together with the Chairman of the GTRC Board will immediately begin implementing these changes with the goal of completing the necessary transitions by August 31, 2020.

>> In addition, under Jim Hudgen's new leadership, a comprehensive evaluation of GTRI's management and operational structure is currently in progress.

>> • A senior attorney from Georgia Tech's Office of the General Counsel has been assigned to provide dedicated support to GTRI and to join GTRI's Executive Council.

>> • An assessment of the ICL was recently completed with the aim of establishing an overall lab vision and organizational changes aligned with areas of growth. The recommendations from the investigation reports will inform our decision-making on proposed organizational changes in this unit, and we will begin implementing those changes during FY21.

>> • ICL has implemented monthly town hall meetings to facilitate better communication across the lab. We will continue to monitor this unit to ensure that there continues to be positive changes in the workplace culture.

>>

>> You may see some media coverage about this news. It received a great deal of coverage when it took place, and we know some local media have been interested in the final report. We are sharing the report and our response to it with local media proactively. We will also communicate to the campus community in small group meetings and by way of an article in the Daily Digest.

>>

>> If you would like more details about any of these resolutions or organizational changes, please reach out to me directly.

>>

>> Chaouki T. Abdallah

>> Professor of Electrical & Computer Engineering

>> Executive Vice President for Research

>> Georgia Institute of Technology

>> 225 North Avenue

>> Atlanta, GA 30332-0325

>>

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Tuesday, August 10, 2021 1:47:22 PM  
**To:** McLaughlin, Steven W<sm140@gatech.edu>  
**Subject:** Re: USCC/DoD and GT Research opportunity

Same here, Steve. 15.00 works great.

Thanks, Manos

**From:** McLaughlin, Steven W <sm140@gatech.edu>  
**Sent:** Tuesday, August 10, 2021 4:48:31 AM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: USCC/DoD and GT Research opportunity

Manos

Looking forward to catching up next Fri – not sure if we settled on a time – does 3pm work?

Happy to chat in the meantime.

Best

Steve

\*\*\*\*\*

Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs  
Georgia Institute of Technology

\*\*\*\*\*

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Monday, August 9, 2021 at 10:00 PM  
**To:** "Fuller, Christian" <christian.fuller@legal.gatech.edu>, "Jara, Ana" <AJara@lowenstein.com>, "Schamel, Mark" <MSchamel@lowenstein.com>  
**Cc:** "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Nie, Ling-Ling" <linglingnie@gatech.edu>  
**Subject:** Re: USCC/DoD and GT Research opportunity

Folks, DARPA has been buzzing my phone around this request for support. Just got off the phone with the PM team they want me to support them as this is a major priority for DoD. The first VTC about this is tomorrow at 16.00.

Really sorry but I cannot say no to this anymore. If I say no, it will damage my career.

Thus, please excuse me if I cannot reply timely to new request from DoJ's investigators in the future. Hopefully it has been clear to everyone that I tried my best to be helpful, protect GT and my DARPA projects. I just cannot ruin my relationship with DARPA and DoD, and risk damaging my research career over this DoJ investigation. I simply worked way to hard to be respected like that from DARPA and DoD — I must protect my reputation and research.

Ana/Mark; I told DARPA that tomorrow between 10.30 and 15.30 I will not be available for anything due to the meeting you have set up with the DoJ. Since I told Ana I will be available, I didn't want to back down from that statement.

Thanks, Manos

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Thursday, August 5, 2021 3:44:23 PM  
**To:** Fuller, Christian <christian.fuller@legal.gatech.edu>; Jara, Ana <AJara@lowenstein.com>; Schamel, Mark <MSchamel@lowenstein.com>  
**Cc:** Abdallah, Chaouki T <ctabdallah@gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>; Nie, Ling-Ling <linglingnie@gatech.edu>  
**Subject:** Re: USCC/DoD and GT Research opportunity

Many thanks, Christian.

Manos

---

**From:** Fuller, Christian <christian.fuller@legal.gatech.edu>  
**Date:** Thursday, August 5, 2021 at 3:43 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>, Jara, Ana <AJara@lowenstein.com>, Schamel, Mark <MSchamel@lowenstein.com>

Hey Chris and Allison,

If USCC is interested in adopting the Rhamnusia framework across DoD, that would be an amazingly big deal for my research, GT and potentially the entire IC. Let me talk to the lawyers and see if I can be left alone for two three weeks so I can prepare for such an important meeting with the USCC.

Sorry to say this but, these days the lawyers take priority over USCC, DARPA, my research and what is in the best interest of the national security.

Thanks,

—

Manos Antonakakis, Ph.D. | [manos@gatech.edu](mailto:manos@gatech.edu)

College of Engineering Dean's Professorship Chair and Associate Professor

Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)

School of Electrical and Computer Engineering | Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

**From:** Schneck, Christopher (contr-i2o) <[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)>

**Date:** Thursday, August 5, 2021 at 8:35 AM

**To:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>, [angelos@voreas.io](mailto:angelos@voreas.io) <[angelos@voreas.io](mailto:angelos@voreas.io)>

**Cc:** Kline, Allison <[allison.kline@darpa.mil](mailto:allison.kline@darpa.mil)>

**Subject:** FW: Draft Agenda JCWA Technical Offsite

Manos and Angelos,

There is a USCYBERCOM Technical Offsite coming up 24-26 August and I would like to request that GT and VLI support DARPA for portions of this event. For the 24<sup>th</sup>, I'd like Jeremy to demo Delphi, a full walk through of the Gamaredon battlespaces. It won't be the full 2 hrs but we will turn it over to him at some point.

Manos, they are also very interested in the Rhamnusia framework because part of this discussion is related to data fabrics and re-factoring the BDP. Currently, they have requested a presentation early next week to go over your work. Based off that discussion, they may invite you to talk at the Offsite as well.

All of this can be done over Zoom or Microsoft Teams. Please let me know if you can support.

V/r,

Chris Schneck

DARPA I2O SETA

571-218-4429 (office)

571-524-3821 (cell)

918-6691 (NSTS)

---

**From:** O'Connor, Maureen J. <[Maureen.OConnor@jhuapl.edu](mailto:Maureen.OConnor@jhuapl.edu)>

**Sent:** Wednesday, August 4, 2021 7:52 PM

**To:** Romzek, Wallis G. <[Wallis.Romzek@jhuapl.edu](mailto:Wallis.Romzek@jhuapl.edu)>; Roberts, Dan <[Dan.Roberts@jhuapl.edu](mailto:Dan.Roberts@jhuapl.edu)>; Heald, Rob <[Rob.Heald@jhuapl.edu](mailto:Rob.Heald@jhuapl.edu)>; Bartko, Dennis <[Dennis.Bartko@jhuapl.edu](mailto:Dennis.Bartko@jhuapl.edu)>; Bowen, Calvert L. (Triiip) <[Calvert.Bowen@jhuapl.edu](mailto:Calvert.Bowen@jhuapl.edu)>; Bernays, D. - 0557 - MITLL <[bernays@ll.mit.edu](mailto:bernays@ll.mit.edu)>; Ben Price <[ben.price@ll.mit.edu](mailto:ben.price@ll.mit.edu)>; Rosamaria S Morales <[rmorales@mitre.org](mailto:rmorales@mitre.org)>; Rigsbee, Sarah <[Sarah.Rigsbee@jhuapl.edu](mailto:Sarah.Rigsbee@jhuapl.edu)>; Schneck, Christopher (contr-i2o) <[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)>; Roberts, Jennifer <[Jennifer.Roberts@darpa.mil](mailto:Jennifer.Roberts@darpa.mil)>; Kramer, Michael <[Michael.Kramer@jhuapl.edu](mailto:Michael.Kramer@jhuapl.edu)>

**Cc:** Simkins, Mark B. <[Mark.Simkins@jhuapl.edu](mailto:Mark.Simkins@jhuapl.edu)>; Piorkowski, John A. <[John.Piorkowski@jhuapl.edu](mailto:John.Piorkowski@jhuapl.edu)>; Smith, Christopher M. (AOS) <[Christopher.Smith@jhuapl.edu](mailto:Christopher.Smith@jhuapl.edu)>; Bogner, Kathleen - 0551 - MITLL <[Kathleen.Bogner@ll.mit.edu](mailto:Kathleen.Bogner@ll.mit.edu)>; Warwick, David <[David.Warwick@noblis.com](mailto:David.Warwick@noblis.com)>; Warwick, David M <[dmwarwi@nsa.gov](mailto:dmwarwi@nsa.gov)>; Bogner, Kathleen A <[kabogne@nsa.gov](mailto:kabogne@nsa.gov)>; Mauck, Cherie L. <[Cherie.Mauck@jhuapl.edu](mailto:Cherie.Mauck@jhuapl.edu)>

**Subject:** Draft Agenda JCWA Technical Offsite

All,

Keeping the distro of this small as all very much DRAFT.

First, thank you all for your excellent contributions and discussions over the past few weeks and days. We have tried to summarize everything into this draft agenda. Much work is still needed to flesh out the details of what we talk through for each piece and how we effectively tease out desired outcomes. However, I want to get this as set in stone as possible as we work those details so we can get it out to the participants.

Can I ask of all of you to please give me a thumbs up that we can move forward or tell me what we need to fix?

Specific asks:

Dr. Roberts/Chris – Can you confirm the time allotted for the S&T examples is enough and that you can still support?

Happy to neck down or change as needed.

Chris – we discussed using the EA use case as our training aid to tease out much of what we need to define for the integration environment, the data curator etc. Can we schedule some time to work through that with you Friday or early next week?

All – Prep for Data Fabric Discussion (Day 1) early next week we want to host (virtually) a small data fabric sharing forum (this may be the first of a few as needed) to discuss a few examples:

1. Chris Schneck – the EA Backend
2. APL - Data Fabric Best Practices
3. Ben Price – JAIC Integration Environment

Invite to be sent out and the intent is not only to share but potentially work to identify a way ahead that we could present to the audience at the Technical Offsite.

Rosie – Can you provide a list of names of the BDP instance engineers/owners? Also, any Navy personnel you think would be good to invite or a POC I could reach out to who may help me find a Navy SME?

---break---

Wallis and I will provide COL Carr and IPR on this agenda tomorrow afternoon so would appreciate your feedback on that as first priority and then more insight to the other as soon as possible.

Thank you all again for making this possible. I think this will be the first of many successful events to speed up effectiveness of JCWA for the operational forces!!

Regards,

mó'c

Maureen O'Connor

The Johns Hopkins University

Applied Physics Laboratory

(240) 917-5762

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent on:** Thursday, August 5, 2021 5:42:09 PM  
**To:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Subject:** Re: USCC/DoD and GT Research opportunity

Thanks Chaouki.

HARASMENT. Clear and obvious, harassment at this point because we have given them in black and white all they wanted and there is nothing there.

Manos

---

**From:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Date:** Thursday, August 5, 2021 at 12:40 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: USCC/DoD and GT Research opportunity

Will reach out to Angelos today...

Sent from Chaouki's iPhone

On Aug 5, 2021, at 12:31 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

Ana, Mark, Christian and GT Leadership,

The United States Cyber Command (USCC) is interested in exploring the possibility of adapting across the entire DoD the analytical and machine learning framework (Rhamnousia) I built as part of the DARPA Enhanced Attribution project. They would like me to prepare a session about this topic at the end of August.

To the best of my knowledge, not even highly classified things developed at GTRI have such DoD-wide (potential) impact. As you can imagine (looking at you virtually GT Leadership) such a session could benefit GT immensely in the years to come --- if I can prepare this session in the way it needs to be prepared. Therefore, and before I accept this invitation, I would like to be certain that I could have peace and quiet for at least a few weeks running up to this meeting.

Given that the DOJ inquisition/harassment against me and my research is still in full throttle, what would be your (legal?) advice here? Should I say yes, and potentially become unavailable to any further clarification requests and meetings from DOJ or should I say no and keep assisting this legal process so we can get this behind us as soon as humanly possible?

PS. In other news, Angelos was also served a subpoena (by the same prosecutor) today, at his residence, [REDACTED]. It might not be a bad idea for someone from GT to reach out to him, even if it is just for emotional support.

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu  
College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Date:** Thursday, August 5, 2021 at 12:05 PM  
**To:** Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>, angelos@voreas.io <angelos@voreas.io>  
**Cc:** Kline, Allison <allison.kline@darpa.mil>  
**Subject:** Re: Draft Agenda JCWA Technical Offsite

Hey Chris and Allison,

If USCC is interested in adopting the Rhamnusia framework across DoD, that would be an amazingly big deal for my research, GT and potentially the entire IC. Let me talk to the lawyers and see if I can be left alone for two three weeks so I can prepare for such an important meeting with the USCC.

Sorry to say this but, these days the lawyers take priority over USCC, DARPA, my research and what is in the best interest of the national security.

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu

College of Engineering Dean's Professorship Chair and Associate Professor

Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)

School of Electrical and Computer Engineering | Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

**From:** Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>

**Date:** Thursday, August 5, 2021 at 8:35 AM

**To:** Antonakakis, Manos <manos@gatech.edu>, angelos@voreas.io <angelos@voreas.io>

**Cc:** Kline, Allison <allison.kline@darpa.mil>

**Subject:** FW: Draft Agenda JCWA Technical Offsite

Manos and Angelos,

There is a USCYBERCOM Technical Offsite coming up 24-26 August and I would like to request that GT and VLI support DARPA for portions of this event. For the 24<sup>th</sup>, I'd like Jeremy to demo Delphi, a full walk through of the Gamaredon battlespaces. It wont be the full 2 hrs but we will turn it over to him at some point.

Manos, they are also very interested in the Rhamnusia framework because part of this discussion is related to data fabrics and re-factoring the BDP. Currently, they have requested a presentation early next week to go over your work. Based off that discussion, they may invite you to talk at the Offsite as well.

All of this can be done over Zoom or Microsoft Teams. Please let me know if you can support.

V/r,

Chris Schneck

DARPA I2O SETA

571-218-4429 (office)

571-524-3821 (cell)

918-6691 (NSTS)

---

**From:** O'Connor, Maureen J. <Maureen.OConnor@jhuapl.edu>

**Sent:** Wednesday, August 4, 2021 7:52 PM

**To:** Romzek, Wallis G. <Wallis.Romzek@jhuapl.edu>; Roberts, Dan <Dan.Roberts@jhuapl.edu>; Heald, Rob <Rob.Heald@jhuapl.edu>; Bartko, Dennis <Dennis.Bartko@jhuapl.edu>; Bowen, Calvert L. (Triiip) <Calvert.Bowen@jhuapl.edu>; Bernays, D. - 0557 - MITLL <bernays@ll.mit.edu>; Ben Price <ben.price@ll.mit.edu>; Rosamaria S Morales <rmorales@mitre.org>; Rigsbee, Sarah <Sarah.Rigsbee@jhuapl.edu>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Roberts, Jennifer <Jennifer.Roberts@darpa.mil>; Kramer, Michael <Michael.Kramer@jhuapl.edu>

**Cc:** Simkins, Mark B. <Mark.Simkins@jhuapl.edu>; Piorkowski, John A. <John.Piorkowski@jhuapl.edu>; Smith, Christopher M. (AOS) <Christopher.Smith@jhuapl.edu>; Bogner, Kathleen - 0551 - MITLL <Kathleen.Bogner@ll.mit.edu>; Warwick, David <David.Warwick@noblis.com>; Warwick, David M <dmwarwi@nsa.gov>; Bogner, Kathleen A <kabogne@nsa.gov>; Mauck, Cherie L. <Cherie.Mauck@jhuapl.edu>

**Subject:** Draft Agenda JCWA Technical Offsite

All,

Keeping the distro of this small as all very much DRAFT.

First, thank you all for your excellent contributions and discussions over the past few weeks and days. We have tried to summarize everything into this draft agenda. Much work is still needed to flesh out the details of what we talk through for each piece and how we effectively tease out desired outcomes. However, I want to get this as set in stone as possible as we work those details so we can get it out to



the participants.

Can I ask of all of you to please give me a thumbs up that we can move forward or tell me what we need to fix?

Specific asks:

Dr. Roberts/Chris – Can you confirm the time allotted for the S&T examples is enough and that you can still support? Happy to neck down or change as needed.

Chris – we discussed using the EA use case as our training aid to tease out much of what we need to define for the integration environment, the data curator etc. Can we schedule some time to work through that with you Friday or early next week?

All – Prep for Data Fabric Discussion (Day 1) early next week we want to host (virtually) a small data fabric sharing forum (this may be the first of a few as needed) to discuss a few examples:

1. Chris Schneck – the EA Backend
2. APL - Data Fabric Best Practices
3. Ben Price – JAIC Integration Environment

Invite to be sent out and the intent is not only to share but potentially work to identify a way ahead that we could present to the audience at the Technical Offsite.

Rosie – Can you provide a list of names of the BDP instance engineers/owners? Also, any Navy personnel you think would be good to invite or a POC I could reach out to who may help me find a Navy SME?

---break---

Wallis and I will provide COL Carr and IPR on this agenda tomorrow afternoon so would appreciate your feedback on that as first priority and then more insight to the other as soon as possible.

Thank you all again for making this possible. I think this will be the first of many successful events to speed up effectiveness of JCWA for the operational forces!!

Regards,

mo'c

Maureen O'Connor

The Johns Hopkins University

Applied Physics Laboratory

(240) 917-5762

Given that the DOJ inquisition/harassment against me and my research is still in full throttle, what would be your (legal?) advice here? Should I say yes, and potentially become unavailable to any further clarification requests and meetings from DOJ or should I say no and keep assisting this legal process so we can get this behind us as soon as humanly possible?

PS. In other news, Angelos was also served a subpoena (by the same prosecutor) today, at his residence, [REDACTED]. It might not be a bad idea for someone from GT to reach out to him, even if it is just for emotional support.

Thanks,

—

Manos Antonakakis, Ph.D. | [manos@gatech.edu](mailto:manos@gatech.edu)

College of Engineering Dean's Professorship Chair and Associate Professor

Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)

School of Electrical and Computer Engineering | Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Date:** Thursday, August 5, 2021 at 12:05 PM

**To:** Schneck, Christopher (contr-i2o) <[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)>, [angelos@voreas.io](mailto:angelos@voreas.io) <[angelos@voreas.io](mailto:angelos@voreas.io)>

**Cc:** Kline, Allison <[allison.kline@darpa.mil](mailto:allison.kline@darpa.mil)>

**Subject:** Re: Draft Agenda JCWA Technical Offsite

Hey Chris and Allison,

If USCC is interested in adopting the Rhamnusia framework across DoD, that would be an amazingly big deal for my research, GT and potentially the entire IC. Let me talk to the lawyers and see if I can be left alone for two three weeks so I can prepare for such an important meeting with the USCC.

Sorry to say this but, these days the lawyers take priority over USCC, DARPA, my research and what is in the best interest of the national security.

Thanks,

—

Manos Antonakakis, Ph.D. | [manos@gatech.edu](mailto:manos@gatech.edu)

College of Engineering Dean's Professorship Chair and Associate Professor

Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)

School of Electrical and Computer Engineering | Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

**From:** Schneck, Christopher (contr-i2o) <[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)>

**Date:** Thursday, August 5, 2021 at 8:35 AM

**To:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>, [angelos@voreas.io](mailto:angelos@voreas.io) <[angelos@voreas.io](mailto:angelos@voreas.io)>

**Cc:** Kline, Allison <[allison.kline@darpa.mil](mailto:allison.kline@darpa.mil)>

**Subject:** FW: Draft Agenda JCWA Technical Offsite

Manos and Angelos,

There is a USCYBERCOM Technical Offsite coming up 24-26 August and I would like to request that GT and VLI support DARPA for portions of this event. For the 24<sup>th</sup>, I'd like Jeremy to demo Delphi, a full walk through of the Gamaredon battlespaces. It wont be the full 2 hrs but we will turn it over to him at some point.

Manos, they are also very interested in the Rhamnusia framework because part of this discussion is related to data fabrics and re-factoring the BDP. Currently, they have requested a presentation early next week to go over your work. Based off that discussion, they may invite you to talk at the Offsite as well.

All of this can be done over Zoom or Microsoft Teams. Please let me know if you can support.

V/r,

Chris Schneck

DARPA I2O SETA

571-218-4429 (office)

571-524-3821 (cell)

**From:** O'Connor, Maureen J. <[Maureen.OConnor@jhuapl.edu](mailto:Maureen.OConnor@jhuapl.edu)>

**Sent:** Wednesday, August 4, 2021 7:52 PM

**To:** Romzek, Wallis G. <[Wallis.Romzek@jhuapl.edu](mailto:Wallis.Romzek@jhuapl.edu)>; Roberts, Dan <[Dan.Roberts@jhuapl.edu](mailto:Dan.Roberts@jhuapl.edu)>; Heald, Rob <[Rob.Heald@jhuapl.edu](mailto:Rob.Heald@jhuapl.edu)>; Bartko, Dennis <[Dennis.Bartko@jhuapl.edu](mailto:Dennis.Bartko@jhuapl.edu)>; Bowen, Calvert L. (Triiip) <[Calvert.Bowen@jhuapl.edu](mailto:Calvert.Bowen@jhuapl.edu)>; Bernays, D. - 0557 - MITLL <[bernays@ll.mit.edu](mailto:bernays@ll.mit.edu)>; Ben Price <[ben.price@ll.mit.edu](mailto:ben.price@ll.mit.edu)>; Rosamaria S Morales <[rmorales@mitre.org](mailto:rmorales@mitre.org)>; Rigsbee, Sarah <[Sarah.Rigsbee@jhuapl.edu](mailto:Sarah.Rigsbee@jhuapl.edu)>; Schneck, Christopher (contr-i2o) <[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)>; Roberts, Jennifer <[Jennifer.Roberts@darpa.mil](mailto:Jennifer.Roberts@darpa.mil)>; Kramer, Michael <[Michael.Kramer@jhuapl.edu](mailto:Michael.Kramer@jhuapl.edu)>

**Cc:** Simkins, Mark B. <[Mark.Simkins@jhuapl.edu](mailto:Mark.Simkins@jhuapl.edu)>; Piorkowski, John A. <[John.Piorkowski@jhuapl.edu](mailto:John.Piorkowski@jhuapl.edu)>; Smith, Christopher M. (AOS) <[Christopher.Smith@jhuapl.edu](mailto:Christopher.Smith@jhuapl.edu)>; Bogner, Kathleen - 0551 - MITLL <[Kathleen.Bogner@ll.mit.edu](mailto:Kathleen.Bogner@ll.mit.edu)>; Warwick, David <[David.Warwick@noblis.com](mailto:David.Warwick@noblis.com)>; Warwick, David M <[dmwarwi@nsa.gov](mailto:dmwarwi@nsa.gov)>; Bogner, Kathleen A <[kabogne@nsa.gov](mailto:kabogne@nsa.gov)>; Mauck, Cherie L. <[Cherie.Mauck@jhuapl.edu](mailto:Cherie.Mauck@jhuapl.edu)>

**Subject:** Draft Agenda JCWA Technical Offsite

All,

Keeping the distro of this small as all very much DRAFT.

First, thank you all for your excellent contributions and discussions over the past few weeks and days. We have tried to summarize everything into this draft agenda. Much work is still needed to flesh out the details of what we talk through for each piece and how we effectively tease out desired outcomes. However, I want to get this as set in stone as possible as we work those details so we can get it out to the participants.

Can I ask of all of you to please give me a thumbs up that we can move forward or tell me what we need to fix?

Specific asks:

Dr. Roberts/Chris – Can you confirm the time allotted for the S&T examples is enough and that you can still support? Happy to neck down or change as needed.

Chris – we discussed using the EA use case as our training aid to tease out much of what we need to define for the integration environment, the data curator etc. Can we schedule some time to work through that with you Friday or early next week?

All – Prep for Data Fabric Discussion (Day 1) early next week we want to host (virtually) a small data fabric sharing forum (this may be the first of a few as needed) to discuss a few examples:

1. Chris Schneck – the EA Backend
2. APL - Data Fabric Best Practices
3. Ben Price – JAIC Integration Environment

Invite to be sent out and the intent is not only to share but potentially work to identify a way ahead that we could present to the audience at the Technical Offsite.

Rosie – Can you provide a list of names of the BDP instance engineers/owners? Also, any Navy personnel you think would be good to invite or a POC I could reach out to who may help me find a Navy SME?

---break---

Wallis and I will provide COL Carr and IPR on this agenda tomorrow afternoon so would appreciate your feedback on that as first priority and then more insight to the other as soon as possible.

Thank you all again for making this possible. I think this will be the first of many successful events to speed up effectiveness of JCWA for the operational forces!!

Regards,

mo'c

Maureen O'Connor

The Johns Hopkins University

Applied Physics Laboratory

(240) 917-5762

case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

**From:** Siegal, Drew<drew.siegel@emory.edu>

**Sent on:** Saturday, August 15, 2020 4:57:43 AM

**To:** ctabdallah@gatech.edu; sabraham47@gatech.edu; kevin.abrams@ece.gatech.edu; ali.adibi@ece.gatech.edu; hai8@gatech.edu; ian@ece.gatech.edu; saidalabri@gatech.edu; salagapan3@gatech.edu; lucretia.allen@ece.gatech.edu; mallen@gatech.edu; phil.allen@ece.gatech.edu; alregib@gatech.edu; anderson@gatech.edu; azadeh.ansari@ece.gatech.edu; manos@gatech.edu; teresa.askew@ece.gatech.edu; jill.auerbach@ece.gatech.edu; farrokh.ayazi@ece.gatech.edu; sohail.bahmani@gatech.edu; mbakir@ece.gatech.edu; chris.barnes@gatech.edu; tom.barnwell@ece.gatech.edu; john.barry@ece.gatech.edu; bbeck6@gatech.edu; rbeyah@ece.gatech.edu; nbhattacharya6@gatech.edu; pamela.bhatti@ece.gatech.edu; malcolm.bibby@ece.gatech.edu; samuel.bignardi@gatech.edu; vbl6@gatech.edu; matthieu.bloch@ece.gatech.edu; doug.blough@ece.gatech.edu; christina.bourgeois@ece.gatech.edu; bb130@gatech.edu; Brand, Oliver<oliver.brand@ece.gatech.edu>; nisaa.buchanan@ece.gatech.edu; john.buck@ece.gatech.edu; aburke40@gatech.edu; caitlin.buro@ece.gatech.edu; aubrey.bush@ece.gatech.edu; rbutera@gatech.edu; wcai@gatech.edu; vince.calhoun@ece.gatech.edu; russ.callen@ece.gatech.edu; bcarroll7@gatech.edu; anita.carter@neetrac.gatech.edu; giorgio.casinovi@ece.gatech.edu; thomas.champion@ece.gatech.edu; geekung.chang@ece.gatech.edu; yusun@gatech.edu; ych6@gatech.edu; abhijit.chatterjee@ece.gatech.edu; gchen36@gatech.edu; yu-wei.chen@ece.gatech.edu; mcho97@gatech.edu; david.citrin@ece.gatech.edu; mark.clements@ece.gatech.edu; tristen.cline@neetrac.gatech.edu; jason.clute@neetrac.gatech.edu; mcohen@gatech.edu; george.cokkinides@ece.gatech.edu; jeff.colburn@ece.gatech.edu; tom.collins@gtri.gatech.edu; christopher.connolly@neetrac.gatech.edu; joseph.connolly@ece.gatech.edu; leyla.conrad@ece.gatech.edu; conte@gatech.edu; sam.coogan@gatech.edu; john.copeland@ece.gatech.edu; ejc@gatech.edu; cressler@ece.gatech.edu; dd92@gatech.edu; adaruwalla3@gatech.edu; mdav@gatech.edu; desta@gatech.edu; jeff.davis@ece.gatech.edu; levent.degertekin@me.gatech.edu; yamille.delvalle@neetrac.gatech.edu; theeradetch.detchprohm@ece.gatech.edu; steve.deweerth@gatech.edu; ddivan@gatech.edu; alan.doolittle@ece.gatech.edu; cdriskell7@gatech.edu; dupuis@gatech.edu; durgin@gatech.edu; emre.durna@ece.gatech.edu; evadyer@gatech.edu; magnus.egerstedt@ece.gatech.edu; angela.elleby@ece.gatech.edu; stas@gatech.edu; eerfani3@gatech.edu; yan.fang@gatech.edu; yfang6@mail.gatech.edu; fariborz@ece.gatech.edu; mfarrell@ece.gatech.edu; robert.feeney@ece.gatech.edu; faramarz.fekri@ece.gatech.edu; bonnie.ferri@gatech.edu; kferri@gatech.edu; foley@cc.gatech.edu; frakes@gatech.edu; bruno.frazier@ece.gatech.edu; canek@ece.gatech.edu; dgajula3@gatech.edu; ada@cc.gatech.edu; tgaylord@ece.gatech.edu; gary.gimmestad@gtri.gatech.edu; joe.goldenburg@neetrac.gatech.edu; lukas.graber@ece.gatech.edu; nikkia.green@ece.gatech.edu; sgrijalva@ece.gatech.edu; tom.habetler@ece.gatech.edu; wassim.haddad@aerospace.gatech.edu; jim.hamblen@ece.gatech.edu; hamelin@gatech.edu; nigel.hampton@neetrac.gatech.edu; joyelle.harris@ece.gatech.edu; jennifer.hasler@ece.gatech.edu; mhh3@gatech.edu; jh480@gatech.edu; felix.herrmann@gatech.edu; shersek3@gatech.edu; david.hertling@ece.gatech.edu; richard.higgins@ee.gatech.edu; ray.hill@neetrac.gatech.edu; anna.holcomb@ece.gatech.edu; jh61@gatech.edu; a.hosseinnia@gatech.edu; toccara.houston@ece.gatech.edu; ah260@gatech.edu; barbara.howard@ece.gatech.edu; chsu95@gatech.edu; joe.hughes@ece.gatech.edu; bill.hunt@ece.gatech.edu; jhur45@gatech.edu; seth@gatech.edu; peter.huynh@ece.gatech.edu; omer.inan@ece.gatech.edu; alison.jackson@ece.gatech.edu; nikil.jayant@ece.gatech.edu; jichuanyi@gatech.edu; zhiyang.jin@gatech.edu; kjohnson@gatech.edu; yogendra.joshi@me.gatech.edu; ed.joy@gatech.edu; juang@ece.gatech.edu; prateek.juyal@ece.gatech.edu; ed.kamen@ece.gatech.edu; krprasad@gatech.edu; andrei.karpiouk@gatech.edu; kmohan@ece.gatech.edu; david.keezer@ece.gatech.edu; jskenney@ece.gatech.edu; angelos@gatech.edu; asif.khan@ece.gatech.edu; kippelen@gatech.edu; bklein@gatech.edu; tushar@ece.gatech.edu; krudysz@gatech.edu; kpkubelick@gatech.edu; olivia.kulisz@ece.gatech.edu; zlaird3@gatech.edu; thomas.lancaster@neetrac.gatech.edu; aaron.lanterman@ece.gatech.edu; adriene.lee@gatech.edu; chinhui.lee@ece.gatech.edu; chazlever@gatech.edu; frankli@gatech.edu; liye@ece.gatech.edu; shaolan.li@ece.gatech.edu; mariah.liggins@ece.gatech.edu; limsk@ece.gatech.edu; Lindsey, Brooks<brooks.lindsey@bme.gatech.edu>; fuhan.liu@ece.gatech.edu; alexandre@gatech.edu;

nelson.lourenco@gtri.gatech.edu; mluo60@gatech.edu; janine.lyn@ece.gatech.edu; xiaoli@gatech.edu; vkm@gatech.edu; christopher.malbrue@ece.gatech.edu; gary.may@ece.gatech.edu; jim.mcclellan@ece.gatech.edu; jcmccorm@gatech.edu; swm@coe.gatech.edu; fmehnke3@gatech.edu; james.meindl@ece.gatech.edu; sakis.m@gatech.edu; russ.mersereau@ece.gatech.edu; jemichaels@gatech.edu; faith.midkiff@ece.gatech.edu; gmihalik3@gatech.edu; linda.milor@ece.gatech.edu; michael.mitchell@ece.gatech.edu; molzahn@gatech.edu; mooney@ece.gatech.edu; em80@gatech.edu; saibal.mukhopadhyay@ece.gatech.edu; azad@gatech.edu; mnafea3@gatech.edu; kristine.nagel@ece.gatech.edu; gustav.nilsson@gatech.edu; logan.ohara@gatech.edu; yok6@mail.gatech.edu; abdallah.ougazzaden@ece.gatech.edu; henry.owen@ece.gatech.edu; tahmadov3@gatech.edu; salvador.palafox@neetrac.gatech.edu; thomas.parker@neetrac.gatech.edu; katrina.patton@ece.gatech.edu; jpeatman@parksprings.net; joshua.perkel@neetrac.gatech.edu; rheap@gatech.edu; afpeterson@gatech.edu; kevin.pham@ece.gatech.edu; pietro.pierpaoli@gatech.edu; raquel.plaskett@ece.gatech.edu; anil.poda@neetrac.gatech.edu; hans.puttgen@ece.gatech.edu; stephen.ralph@ece.gatech.edu; dale.ray@ece.gatech.edu; arijit.raychowdhury@ece.gatech.edu; william.rhodes@gatech.edu; mrichards@gatech.edu; julie.ridings@ece.gatech.edu; caryn.riley@neetrac.gatech.edu; rincon-mora@gatech.edu; allen.robinson@ece.gatech.edu; Robles, Francisco<francisco.robles@bme.gatech.edu>; gr4@gatech.edu; ajeet.rohatgi@ece.gatech.edu; jrom@ece.gatech.edu; br57@mail.gatech.edu; vchowdhury6@gatech.edu; brandon.royal@ece.gatech.edu; crozell@gatech.edu; maryam@ece.gatech.edu; msafaei3@gatech.edu; brendan@ece.gatech.edu; seun.sangodoyin@gatech.edu; sarioglu@gatech.edu; rahulsaxena@gatech.edu; rws@ece.gatech.edu; schuster@ece.gatech.edu; tammy.scott@ece.gatech.edu; waymond.scott@ece.gatech.edu; sebnor31@gatech.edu; suresh.l.sharma@gatech.edu; shyh.shen@ece.gatech.edu; wshim30@gatech.edu; wen.shu@neetrac.gatech.edu; siva@ece.gatech.edu; glenn.smith@ece.gatech.edu; whit.smith@ece.gatech.edu; paul.steffes@ece.gatech.edu; james.steinberg@ece.gatech.edu; stuber@ece.gatech.edu; kendall.su@ece.gatech.edu; madhavan.swaminathan@ece.gatech.edu; david.taylor@gatech.edu; cantemel@gatech.edu; etentze@ece.gatech.edu; james.tsai@ece.gatech.edu; tsiotras@gatech.edu; rao.tummala@ece.gatech.edu; ajay.upadhyaya@gatech.edu; kumar@ece.gatech.edu; gjv@ece.gatech.edu; kyriakos@gatech.edu; dv@gatech.edu; pvela@gatech.edu; erik.verriest@ece.gatech.edu; paul.voss@ece.gatech.edu; hua.wang@ece.gatech.edu; yang.wang@ece.gatech.edu; ywardi@ece.gatech.edu; roger.webb@ece.gatech.edu; mary.ann.weitnauer@ece.gatech.edu; haoran.wen@gatech.edu; kwhitmore@gatech.edu; doug.williams@coe.gatech.edu; linda.wills@ece.gatech.edu; yidawu@ece.gatech.edu; yao.xie@isye.gatech.edu; anthony.yezzi@ece.gatech.edu; doug.yoder@gatech.edu; jonghyeok.yoon@gatech.edu; shimeng.yu@ece.gatech.edu; alenka.zajic@ece.gatech.edu; gzewdie3@gatech.edu; fzhang37@mail.gatech.edu; yzhang@gatech.edu; ye.zhao@me.gatech.edu; gtz@ece.gatech.edu; yiying.zhu@ece.gatech.edu; muneeb.zia@gatech.edu

CC: Cherribi, Sam<scherri@emory.edu>

Subject: Request for a Safter Georgia

**Dear Colleagues,**

**My name is Drew Siegal, and on behalf of myself, Dr. Kipton Jensen, Dr. Sam Cherribi and Dr. Preston King, I invite you to read and sign the request below for a safer Georgia. The request will be sent to the governor and the AJC. Please add your name to this Google Document or reply to sam.cherribi@emory.edu to support our nonpartisan request.**

**Very best,**

**Drew Siegal, Preston King, Sam Cherribi & Kipton Jensen  
Emory University & Morehouse College**

<https://docs.google.com/forms/d/e/1FAIpQLSfcMCjaX5FcL-5ITdEVHIBrc9YBrm-PrssBRM6g7csdBXmg1g/viewform>



---

[Request for a Safer Georgia](#)

docs.google.com

---

This e-mail message (including any attachments) is for the sole use of the intended recipient(s) and may contain confidential and privileged information. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this message (including any attachments) is strictly prohibited.

If you have received this message in error, please contact the sender by reply e-mail message and destroy all copies of the original message (including attachments).

**From:** Demar, Erica<erica.demar@gatech.edu>  
**Sent on:** Tuesday, October 5, 2021 3:28:46 PM  
**To:** McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Lever, Charles C<chazlever@gatech.edu>; Garrison, William R<wgarrison7@gatech.edu>; Driskell, Griffin<cdriskell7@gatech.edu>; Neal, Alexander G<agneal7@gatech.edu>; Eligio Makransky [REDACTED]; Alrawi, Omar S<alrawi@gatech.edu>; Avgetidis, Athanasios<avgetidis@gatech.edu>; Chen, Gong<gchen36@gatech.edu>; Faulkenberry, Aaron D<afaulken@gatech.edu>; Karakolios, Kleantlis<kleanthis@gatech.edu>; Konstantinidis, Paris<pkonstan6@gatech.edu>; Kountouras, Athanasios<kountouras@gatech.edu>; Papastergiou, Thomas<tpapastergiou@gatech.edu>; Tharayil, Kevin Sam<kevinsam@gatech.edu>; Valakuzhy, Kevin E<kevinv@gatech.edu>; Mitchell, Michael F<michael.mitchell@ece.gatech.edu>; Ma, Zane<zanema@gatech.edu>  
**Subject:** Research Update  
**Attachments:** meeting.ics (4.13 KB)

---

## Microsoft Teams meeting

### Join on your computer or mobile app

[Click here to join the meeting](#)

### Or call in (audio only)

[+1 470-705-2566..184918120#](#) United States, Atlanta

Phone Conference ID: 184 918 120#

[Find a local number](#) | [Reset PIN](#)

[Learn More](#) | [Help](#) | [Meeting options](#)

---



From: Manos Antonakakis <manos@gatech.edu>

Sent on: Wednesday, September 16, 2020 4:18:44 PM

To: Lee, Wenke <wenke@cc.gatech.edu>; Mustaque Ahamad <mustaq@cc.gatech.edu>

BCC: Manos Antonakakis <manos@gatech.edu>; Keromytis, Angelos D <angelos@gatech.edu>; Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>; Steve McLaughlin <swm@coe.gatech.edu>

Subject: SCP

Attachments: signature.asc (201 Bytes)

Gentlemen, I just saw this: <https://scp.cc.gatech.edu/key-faculty/>

Congratulations! My very best wishes for making this new school as successful as humanly possible!

Certainly I would have appreciated a heads up before I get listed as key faculty and/or faculty researcher of something I do not really know what it is. More importantly, however, both of you know that certain other faculty on the same page have created problems for me and my research over the years. Since then I am trying actively distance my self from them and their research. At this point, I certainly do not want to be listed as part of the same school.

Until I understand what SCP is, which my obligations are towards this new unit, and how that changes/affects my current role and obligations towards ECE, I would appreciate if I was not listed on the website. In the event you cannot remove me from the website, can you please point me to the right direction?

Thanks and I hope you are staying safe in these crazy times!

--

Manos Antonakakis, Ph.D. | manos@gatech.edu

College of Engineering Dean's Professorship Chair and Associate Professor

Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)

School of Electrical and Computer Engineering | Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

**From:** McLaughlin, Steven W<swm@coe.gatech.edu>  
**Sent on:** Wednesday, May 13, 2020 8:19:46 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** McLaughlin, Steven W<swm@coe.gatech.edu>; Egerstedt, Magnus<magnus.egerstedt@ece.gatech.edu>  
**Subject:** Sending in advance of the 4:30 call today.  
**Attachments:** Manos Dean's Professorship.pdf (145.26 KB)

Dear Manos

Magnus and I cannot thank you enough for everything you are doing for ECE, COE, GT and the nation.

Looking forward to catching up shortly

All the best

Steve

\*\*\*\*\*

Steve McLaughlin

Dean and Southern Company Chair

College of Engineering

Georgia Institute of Technology

Atlanta, GA 30332

\*\*\*\*\*

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Tuesday, November 3, 2020 9:23:21 PM  
**To:** McLaughlin, Steven W<swm@provost.gatech.edu>  
**CC:** Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Sharing Jeff with the COEUS Center

Hey Steve, hope you are doing great!

As I was trying to finish my COI disclosures today, I realized that my COI managed plans were missing from the GT system. I emailed Jeff Steltzer about it and he pointed me to the right direction. After he helped me out, we got on a call and he shared some really great news with me. Evidently you picked him up for COE, so he can help our faculty deal with a number of issues when it comes to COIs and tech transfer.

This is an absolutely brilliant move!

Now that we have Jeff at COE, I would like to use his time to help us with the (rapidly growing) COEUS center. Over the summer we brought in a small project (~\$8M), and we are actively working for a few more (and slightly larger) that have the potential to **\*significantly\*** increase the research budget of our operation. Given what happened last year (see audits and the like), this increase means risk for me. Therefore, I would like to propose that the center picks up some (i.e., 50%) of Jeff's time to help us as manage the risk associated with this growth.

We will have many new invention disclosures through these projects, and I want our researchers to have people that can advise them through the process. I do not want my researchers, and faculty affiliated with the center to ever go through what Angelos and I went through last year. Now, the research operation at the center is getting at a size where we will soon need an internal audit team. Jeff, could help us (initially) with an assessment of what we need, and then help us hire such a team. And above all, as students interact with the companies that Angelos and I have or other commercial companies around the world, Jeff could help them always stay away for foreign influence issues, and manage any COI scenarios.

All-in-all, we are big, and we should get much bigger soon. I need someone to help us at the center mitigate and manage the fly-by risk of running such a large research operation. I would appreciate if we could "borrow" some of Jeff's time (by picking up some of this salary) to help us out. Please, let us know if this makes sense to you.

Happy to jump on a quick call if helps.

Many thanks,

Manos

**From:** [REDACTED]  
**Sent on:** Wednesday, October 27, 2021 10:44:43 PM  
**To:** Walcott, Troy C<troy.walcott@police.gatech.edu>; Kuligowski, Elaine  
E<elaine.kuligowski@police.gatech.edu>  
**CC:** Connolly, Robert<robert.connolly@police.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>;  
Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Shooting range with GTPD

Hi folks!

As discussed yesterday, we would like to come at the open shooting range with you late November, if you can accommodate us.

I am adding in the loop also Angelos and Manos for the arrangements.

Thank you for having us!

Kind regards,

[REDACTED]

[REDACTED] | Graduate Research Assistant & PhD Student  
COEUS Center | KACB 3203  
Georgia Institute of Technology | Atlanta, GA  
[REDACTED]

From: "Antonakakis, Manos" </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e6b0afc581e477db35a37c3a3a79aeb-Antonakakis>  
Sent on: Tuesday, December 7, 2021 6:12:01 PM  
To: Sibble, Dan <Dan.Sibble@osp.gatech.edu>  
CC: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Keromytis, Angelos D <angelos@gatech.edu>; Lever, Charles C <chazlever@gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>  
Subject: SMOKE DARPA proposal

Hey Dan, hope you are doing great.

This is a heads up that the COEUS center will be submitting a proposal for at least TA2 (and maybe TA1) of the DARPA SMOKE program, and I will be the PI.

<https://sam.gov/opp/8832e2b8d9864169a234834eea89e5f1/view>

We are currently working to finalize the list of subcontractors we will have in our team. You will know when we finalized this list.

The upper management of the Institute is aware of our intention to submit this proposal. Because we envision the budget of this program to be kind of big (~\$25M for 3.5 years), I would appreciate your close collaboration with Michael to make sure that the Volume 2 of is rock solid.

Proposals are due end of January.

Thanks, Manos

**From:** "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

**Sent on:** Friday, June 25, 2021 5:09:46 PM

**To:** McLaughlin, Steven W <swm@gatech.edu>

**Subject:** Stelios Kavadias

Hey Steve, hope you are doing great!

Was on a call with Stelios (<https://www.jbs.cam.ac.uk/faculty-research/faculty-a-z/stylios-stelios-kavadias/>) today and I realized that he is not only back in the market, but he would love to come back at GT/US School if there is a “challenging enough” opportunity for him.

He recently was a finalist for the Dean position at Cambridge Business School, and he would imagine that he would be extremely interested in something along the same lines. It is unclear, however, if we are looking for someone at his level currently. If we are, I would be very happy to make intros with him.

Thought I should share the news with you, just in case you find them useful.

Thanks, Manos

**From:** Demar, Erica<erica.demar@gatech.edu>  
**Sent on:** Thursday, October 14, 2021 12:36:55 AM  
**To:** Kuligowski, Elaine E<elaine.kuligowski@police.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Lever, Charles C<chazlever@gatech.edu>; Mitchell, Michael F<michael.mitchell@ece.gatech.edu>; Garrison, William R<wgarrison7@gatech.edu>; Alli, Alexander<aalli3@gatech.edu>; Alrawi, Omar S<alrawi@gatech.edu>; Avgetidis, Athanasios<avgetidis@gatech.edu>; Bou Eid, Anthony<anthonyboueid@gatech.edu>; Chen, Gong<gchen36@gatech.edu>; Dagon, David S<dd92@gatech.edu>; Driskell, Griffin<cdriskell7@gatech.edu>; Faulkenberry, Aaron D<afaulken@gatech.edu>; Karakatsanis, Konstantinos<karakatsanis@gatech.edu>; Karakolios, Kleanthis<kleanthis@gatech.edu>; Konstantinidis, Paris<pkonstan6@gatech.edu>; Kountouras, Athanasios<kountouras@gatech.edu>; Ma, Zane<zanema@gatech.edu>; Makransky, Eligio<emakransky3@gatech.edu>; Manning, Benjamin B<bmannings@gatech.edu>; Miranda, Alexander W<amiranda41@gatech.edu>; Moschos, Athanasios<amoschos@gatech.edu>; Neal, Alexander G<agneal7@gatech.edu>; Papastergiou, Thomas<tpapastergiou@gatech.edu>; Shah, Parth A<pshah365@gatech.edu>; Tharayil, Kevin Sam<kevinsam@gatech.edu>; Valakuzhy, Kevin E<kevinv@gatech.edu>; Yong Wong, Miuyin M<miuyinyong@gatech.edu>  
**CC:** Connolly, Robert<robert.connolly@police.gatech.edu>  
**Subject:** Team Meeting with Chief Connolly  
**Attachments:** meeting.ics (4.8 KB)

From: "Antonakakis, Manos" </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e6b0afc581e477db35a37c3a3a79aeb-Antonakakis>  
Sent on: Monday, January 24, 2022 10:56:25 PM  
To: Connolly, Robert <robert.connolly@police.gatech.edu>  
Subject: Two sets of IPs  
Attachments: SetB.txt (97 Bytes), SetC.txt (800 Bytes)

Per our discussion Chief.

Thanks, Manos



**From:** "Antonakakis, Manos" </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e6b0afc581e477db35a37c3a3a79aeb-Antonakakis>  
**Sent on:** Thursday, August 5, 2021 5:31:05 PM  
**To:** Jara, Ana<AJara@lowenstein.com>; Schamel, Mark<MSchamel@lowenstein.com>; Fuller, Christian<christian.fuller@legal.gatech.edu>  
**CC:** Abdallah, Chaouki T<ctabdallah@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Nie, Ling-Ling<linglingnie@gatech.edu>  
**Subject:** USCC/DoD and GT Research opportunity

Ana, Mark, Christian and GT Leadership,

The United States Cyber Command (USCC) is interested in exploring the possibility of adapting across the entire DoD the analytical and machine learning framework (Rhamnousia) I built as part of the DARPA Enhanced Attribution project. They would like me to prepare a session about this topic at the end of August.

To the best of my knowledge, not even highly classified things developed at GTRI have such DoD-wide (potential) impact. As you can imagine (looking at you virtually GT Leadership) such a session could benefit GT immensely in the years to come --- if I can prepare this session in the way it needs to be prepared. Therefore, and before I accept this invitation, I would like to be certain that I could have peace and quiet for at least a few weeks running up to this meeting.

Given that the DoJ inquisition/harassment against me and my research is still in full throttle, what would be your (legal?) advice here? Should I say yes, and potentially become unavailable to any further clarification requests and meetings from DoJ or should I say no and keep assisting this legal process so we can get this behind us as soon as humanly possible?

PS. In other news, Angelos was also served a subpoena (by the same prosecutor) today, at his residence, [REDACTED]. It might not be a bad idea for someone from GT to reach out to him, even if it is just for emotional support.

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu  
College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Date:** Thursday, August 5, 2021 at 12:05 PM  
**To:** Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>, angelos@voreas.io <angelos@voreas.io>  
**Cc:** Kline, Allison <allison.kline@darpa.mil>  
**Subject:** Re: Draft Agenda JCWA Technical Offsite

Hey Chris and Allison,

If USCC is interested in adopting the Rhamnousia framework across DoD, that would be an amazingly big deal for my research, GT and potentially the entire IC. Let me talk to the lawyers and see if I can be left alone for two three weeks so I can prepare for such an important meeting with the USCC.

Sorry to say this but, these days the lawyers take priority over USCC, DARPA, my research and what is in the best interest of the national security.

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu  
College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

**From:** Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
**Date:** Thursday, August 5, 2021 at 8:35 AM

**To:** Antonakakis, Manos <manos@gatech.edu>, angelos@voreas.io <angelos@voreas.io>

**Cc:** Kline, Allison <allison.kline@darpa.mil>

**Subject:** FW: Draft Agenda JCWA Technical Offsite

Manos and Angelos,

There is a USCYBERCOM Technical Offsite coming up 24-26 August and I would like to request that GT and VLI support DARPA for portions of this event. For the 24<sup>th</sup>, I'd like Jeremy to demo Delphi, a full walk through of the Gamaredon battlespaces. It won't be the full 2 hrs but we will turn it over to him at some point.

Manos, they are also very interested in the Rhamnusia framework because part of this discussion is related to data fabrics and re-factoring the BDP. Currently, they have requested a presentation early next week to go over your work. Based off that discussion, they may invite you to talk at the Offsite as well.

All of this can be done over Zoom or Microsoft Teams. Please let me know if you can support.

V/r,

Chris Schneck

DARPA I2O SETA

571-218-4429 (office)

571-524-3821 (cell)

918-6691 (NSTS)

---

**From:** O'Connor, Maureen J. <Maureen.OConnor@jhuapl.edu>

**Sent:** Wednesday, August 4, 2021 7:52 PM

**To:** Romzek, Wallis G. <Wallis.Romzek@jhuapl.edu>; Roberts, Dan <Dan.Roberts@jhuapl.edu>; Heald, Rob <Rob.Heald@jhuapl.edu>; Bartko, Dennis <Dennis.Bartko@jhuapl.edu>; Bowen, Calvert L. (Triiip) <Calvert.Bowen@jhuapl.edu>; Bernays, D. - 0557 - MITLL <bernays@ll.mit.edu>; Ben Price <ben.price@ll.mit.edu>; Rosamaria S Morales <rmorales@mitre.org>; Rigsbee, Sarah <Sarah.Rigsbee@jhuapl.edu>; Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Roberts, Jennifer <Jennifer.Roberts@darpa.mil>; Kramer, Michael <Michael.Kramer@jhuapl.edu>

**Cc:** Simkins, Mark B. <Mark.Simkins@jhuapl.edu>; Piorkowski, John A. <John.Piorkowski@jhuapl.edu>; Smith, Christopher M. (AOS) <Christopher.Smith@jhuapl.edu>; Bogner, Kathleen - 0551 - MITLL <Kathleen.Bogner@ll.mit.edu>; Warwick, David <David.Warwick@noblis.com>; Warwick, David M <dmwarwi@nsa.gov>; Bogner, Kathleen A <kabogne@nsa.gov>; Mauck, Cherie L. <Cherie.Mauck@jhuapl.edu>

**Subject:** Draft Agenda JCWA Technical Offsite

All,

Keeping the distro of this small as all very much DRAFT.

First, thank you all for your excellent contributions and discussions over the past few weeks and days. We have tried to summarize everything into this draft agenda. Much work is still needed to flesh out the details of what we talk through for each piece and how we effectively tease out desired outcomes. However, I want to get this as set in stone as possible as we work those details so we can get it out to the participants.

Can I ask of all of you to please give me a thumbs up that we can move forward or tell me what we need to fix?

Specific asks:

Dr. Roberts/Chris – Can you confirm the time allotted for the S&T examples is enough and that you can still support?

Happy to neck down or change as needed.

Chris – we discussed using the EA use case as our training aid to tease out much of what we need to define for the integration environment, the data curator etc. Can we schedule some time to work through that with you Friday or early next week?

All – Prep for Data Fabric Discussion (Day 1) early next week we want to host (virtually) a small data fabric sharing forum (this may be the first of a few as needed) to discuss a few examples:

1. Chris Schneck – the EA Backend
2. APL - Data Fabric Best Practices
3. Ben Price – JAIC Integration Environment

Invite to be sent out and the intent is not only to share but potentially work to identify a way ahead that we could present to the audience at the Technical Offsite.

Rosie – Can you provide a list of names of the BDP instance engineers/owners? Also, any Navy personnel you think would be good to invite or a POC I could reach out to who may help me find a Navy SME?

---break---

Wallis and I will provide COL Carr and IPR on this agenda tomorrow afternoon so would appreciate your feedback on that as first priority and then more insight to the other as soon as possible.

Thank you all again for making this possible. I think this will be the first of many successful events to speed up effectiveness of JCWA for the operational forces!!

Regards,

mo'c

Maureen O'Connor

The Johns Hopkins University

Applied Physics Laboratory

(240) 917-5762

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Thursday, September 30, 2021 3:16:08 PM  
**To:** Abdallah, Chaouki T<ctabdallah@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>  
**CC:** Fuller, Christian<christian.fuller@legal.gatech.edu>; Nie, Ling-Ling<linglingnie@gatech.edu>  
**Subject:** We are done with EA  
**Attachments:** FinalTechnicalReportEA-Antonakakis-Rhamnousia-v3-09202021.pdf (4.07 MB)

CLASSIFICATION: UNCLASSIFIED//FOUO - DISTRIBUTION F

Hey Chaouki and Steve,

You asked me to give you a heads up when EA has been finally delivered and also share with you the final technical report. I am very pleased to report that GT has successfully delivered all technical requirements for EA. Few minor DoD forms are missing, but my team is working on that as we speak. Attached please find the final technical report. I also have written confirmation that DARPA and AFRL are extremely pleased from the work we did in this project.

Two things you need to pay attention to from this point on. First, the final report has been clearly marked as DISTRIBUTION F. This means that DARPA or the office of the secretary of defense (OSD) are the only legal DoD authorities that can share this report with others. Second, several of the analyses (if not all) in EA is CUI. My last understanding of the EA contract has been that we will have to delete these CUI data after we deliver it to DARPA. We delivered the analytical results, code base, and presentations/reports to DARPA.

At this point, sadly, I am not sure what we need to delete and when because of the SC shenanigans. Regardless of what GT wants to do here, one thing is certain: I would like to not be responsible if a future compromise of one of my servers causes all this data to be leaked. The risk is simply huge with me and my research all over the conspiracy theories right now. My unsolicited advice would be to look into this issue and determine what needs to be preserved and how. Whatever you decide, I would really appreciate it if I am not on the hook for any of this CUI data that I should be deleting right now in my role as the GT PI of EA.

Ling-Ling/Christian, you are CCed because I suspect Steve and Chaouki will have to talk to you about this and yet again come up with a game plan for this. If you need technical advice, you know how to reach me.

Thanks,

—

Manos Antonakakis, Ph.D. | [manos@gatech.edu](mailto:manos@gatech.edu)  
College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology

**From:** Karakatsanis, Konstantinos<karakatsanis@gatech.edu>

**Sent on:** Wednesday, October 6, 2021 11:22:58 PM

**To:** Demar, Erica<erica.demar@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Lever, Charles C<chazlever@gatech.edu>; Garrison, William R<wgarrison7@gatech.edu>; Driskell, Griffin<cdriskell7@gatech.edu>; Neal, Alexander G<agneal7@gatech.edu>; Alrawi, Omar S<alrawi@gatech.edu>; Avgetidis, Athanasios<avgetidis@gatech.edu>; Chen, Gong<gchen36@gatech.edu>; Faulkenberry, Aaron D<afaulken@gatech.edu>; Karakolios, Kleanthis<kleanthis@gatech.edu>; Konstantinidis, Paris<pkonstan6@gatech.edu>; Kountouras, Athanasios<kountouras@gatech.edu>; Papastergiou, Thomas<tpapastergiou@gatech.edu>; Tharayil, Kevin Sam<kevinsam@gatech.edu>; Valakuzhy, Kevin E<kevinv@gatech.edu>; Mitchell, Michael F<michael.mitchell@ece.gatech.edu>; Ma, Zane<zanema@gatech.edu>; Moschos, Athanasios<amoschos@gatech.edu>; Makransky, Eligio<emakransky3@gatech.edu>; Alexander Miranda<alexander.miranda@gildedco.com>

**Subject:** <no subject>

Thanks!

**From:** Demar, Erica<erica.demar@gatech.edu>

**Sent on:** Tuesday, July 20, 2021 2:09:59 PM

**To:** Lever, Charles C<chazlever@gatech.edu>; Papastergiou, Thomas<tpapastergiou@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; angelos<angelos@kryptowire.com>; Dragoslav Stojadinovic<dstojadinovic@kryptowire.onmicrosoft.com>

**Subject:** <no subject>

<https://gatech.box.com/s/tjdmf15ifm4z9saf1uhnphgqgkridwhu>

**From:**

**Sent on:** Tuesday, June 15, 2021 7:33:13 PM

**To:** Lever, Charles C<chazlever@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Dragoslav Stojadinovic<dstojadinovic@kryptowire.onmicrosoft.com>; Spiros Antonatos<[REDACTED]>

**Subject:** <no subject>

we have three of these in our testbed now

**From:**

**Sent on:** Tuesday, June 15, 2021 7:33:03 PM

**To:** Lever, Charles C<chazlever@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Dragoslav Stojadinovic<dstojadinovic@kryptowire.onmicrosoft.com>; Spiros Antonatos [REDACTED]>

**Subject:** <no subject>

Edge-Core Wedge 100BF-32QS



**From:****Sent on:** Friday, June 11, 2021 6:34:04 PM**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Trevino, Daniel Maximilliano MAJ USARMY ARCYBER (USA)<daniel.m.trevino.mil@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; jeremy<jeremy@voreas.io>; panos<panos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; angelos<angelos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; Bew, Gregory E LTC USARMY ARCYBER (USA)<gregory.e.bew.mil@cvr.mil>; Fischer, Keri E CW4 USARMY ARCYBER (USA)<keri.e.fischer.mil@cvr.mil>; Cassada, William James (Will) CW3 USARMY ARCYBER (USA)<william.j.cassada.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>**Subject:** <no subject>

□□

**From:** Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>

**Sent on:** Friday, June 11, 2021 1:38:59 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; Oneill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

This is Johnny from DDS. Covering for Christopher today.

**From:** Trevino, Daniel Maximilliano MAJ USARMY ARCYBER (USA)<daniel.m.trevino.mil@cvr.mil>

**Sent on:** Thursday, June 10, 2021 1:21:23 AM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; jeremy<jeremy@voreas.io>; panos<panos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; angelos<angelos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; Bew, Gregory E LTC USARMY ARCYBER (USA)<gregory.e.bew.mil@cvr.mil>; Fischer, Keri E CW4 USARMY ARCYBER (USA)<keri.e.fischer.mil@cvr.mil>; Cassada, William James (Will) CW3 USARMY ARCYBER (USA)<william.j.cassada.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>

**Subject:** <no subject>

Will talk Friday

**From:** Keromytis, Angelos D<angelos@gatech.edu>

**Sent on:** Thursday, June 10, 2021 1:18:50 AM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Trevino, Daniel Maximilliano MAJ USARMY ARCYBER (USA)<daniel.m.trevino.mil@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; jeremy<jeremy@voreas.io>; panos<panos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; angelos<angelos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; Bew, Gregory E LTC USARMY ARCYBER (USA)<gregory.e.bew.mil@cvr.mil>; Fischer, Keri E CW4 USARMY ARCYBER (USA)<keri.e.fischer.mil@cvr.mil>; Cassada, William James (Will) CW3 USARMY ARCYBER (USA)<william.j.cassada.mil@cvr.mil>

**Subject:** <no subject>

If it works for everyone here, or works for us (VLI)

**From:** Trevino, Daniel Maximilliano MAJ USARMY ARCYBER (USA)<daniel.m.trevino.mil@cvr.mil>

**Sent on:** Thursday, June 10, 2021 1:17:51 AM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; jeremy<jeremy@voreas.io>; panos<panos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; angelos<angelos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; Bew, Gregory E LTC USARMY ARCYBER (USA)<gregory.e.bew.mil@cvr.mil>; Fischer, Keri E CW4 USARMY ARCYBER (USA)<keri.e.fischer.mil@cvr.mil>; Cassada, William James (Will) CW3 USARMY ARCYBER (USA)<william.j.cassada.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>

**Subject:** <no subject>

**Keromytis, Angelos D (External)**

what is allowed on your devices? Signal, Slack, ... ?

On my personal cell, which I'm using now...

**From:** Trevino, Daniel Maximilliano MAJ USARMY ARCYBER (USA)<daniel.m.trevino.mil@cvr.mil>

**Sent on:** Thursday, June 10, 2021 1:17:19 AM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; jeremy<jeremy@voreas.io>; panos<panos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; angelos<angelos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; Bew, Gregory E LTC USARMY ARCYBER (USA)<gregory.e.bew.mil@cvr.mil>; Fischer, Keri E CW4 USARMY ARCYBER (USA)<keri.e.fischer.mil@cvr.mil>; Cassada, William James (Will) CW3 USARMY ARCYBER (USA)<william.j.cassada.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>

**Subject:** <no subject>

I don't know if I'm here on 29 June

**From:** Trevino, Daniel Maximilliano MAJ USARMY ARCYBER (USA)<daniel.m.trevino.mil@cvr.mil>

**Sent on:** Thursday, June 10, 2021 1:16:52 AM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; jeremy<jeremy@voreas.io>; panos<panos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; angelos<angelos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; Bew, Gregory E LTC USARMY ARCYBER (USA)<gregory.e.bew.mil@cvr.mil>; Fischer, Keri E CW4 USARMY ARCYBER (USA)<keri.e.fischer.mil@cvr.mil>; Cassada, William James (Will) CW3 USARMY ARCYBER (USA)<william.j.cassada.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>

**Subject:** <no subject>

You have a scheduled time yet?

**From:** Keromytis, Angelos D<angelos@gatech.edu>

**Sent on:** Thursday, June 10, 2021 1:16:47 AM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Trevino, Daniel Maximilliano MAJ USARMY ARCYBER (USA)<daniel.m.trevino.mil@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; jeremy<jeremy@voreas.io>; panos<panos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; angelos<angelos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; Bew, Gregory E LTC USARMY ARCYBER (USA)<gregory.e.bew.mil@cvr.mil>; Fischer, Keri E CW4 USARMY ARCYBER (USA)<keri.e.fischer.mil@cvr.mil>; Cassada, William James (Will) CW3 USARMY ARCYBER (USA)<william.j.cassada.mil@cvr.mil>

**Subject:** <no subject>

what is allowed on your devices? Signal, Slack, ... ?



**From:** Keromytis, Angelos D<angelos@gatech.edu>

**Sent on:** Thursday, June 10, 2021 1:16:12 AM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Trevino, Daniel Maximilliano MAJ USARMY ARCYBER (USA)<daniel.m.trevino.mil@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; jeremy<jeremy@voreas.io>; panos<panos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; angelos<angelos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; Bew, Gregory E LTC USARMY ARCYBER (USA)<gregory.e.bew.mil@cvr.mil>; Fischer, Keri E CW4 USARMY ARCYBER (USA)<keri.e.fischer.mil@cvr.mil>; Cassada, William James (Will) CW3 USARMY ARCYBER (USA)<william.j.cassada.mil@cvr.mil>

**Subject:** <no subject>

speaking of which, I'm be at Fort Gordon on June 29 to get my CAC... just FYSA in case there was anything that could be discussed in person

**From:** Trevino, Daniel Maximilliano MAJ USARMY ARCYBER (USA)<daniel.m.trevino.mil@cvr.mil>

**Sent on:** Thursday, June 10, 2021 1:15:42 AM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; jeremy<jeremy@voreas.io>; panos<panos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; angelos<angelos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; Bew, Gregory E LTC USARMY ARCYBER (USA)<gregory.e.bew.mil@cvr.mil>; Fischer, Keri E CW4 USARMY ARCYBER (USA)<keri.e.fischer.mil@cvr.mil>; Cassada, William James (Will) CW3 USARMY ARCYBER (USA)<william.j.cassada.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>

**Subject:** <no subject>

FYI.. this CVR teams thing will only be available until 14 June. Will need another way to communicate after.

**From:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>

**Sent on:** Wednesday, June 2, 2021 12:29:18 PM

**To:** Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; Oneill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

Good question, we can use any commercial system, is there one that works for you?

**From:** Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>  
**Sent on:** Wednesday, June 2, 2021 11:23:10 AM  
**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; Oneill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>  
**Subject:** <no subject>

Since CVR will sunset in two weeks (on 15 June), in what venue will we continue this discussion?

**From:** Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>

**Sent on:** Friday, May 28, 2021 1:58:40 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

I have MSGT Miranda's JWICS - I can throw it in the chat or email it

**From:****Sent on:** Friday, May 28, 2021 1:52:36 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

Leo Gentile JFHQ-DODIN J2TD, if it's of value, he will ensure it gets implemented

**From:** panos<panos@voreas.io>

**Sent on:** Friday, May 21, 2021 6:33:54 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Trevino, Daniel Maximilliano MAJ USARMY ARCYBER (USA)<daniel.m.trevino.mil@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; jeremy<jeremy@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; angelos<angelos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; Bew, Gregory E LTC USARMY ARCYBER (USA)<gregory.e.bew.mil@cvr.mil>; Fischer, Keri E CW4 USARMY ARCYBER (USA)<keri.e.fischer.mil@cvr.mil>; Cassada, William James (Will) CW3 USARMY ARCYBER (USA)<william.j.cassada.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>

**Subject:** <no subject>

Trevino, Daniel Maximilliano MAJ USARMY ARCYBER panos@voreas.io

**From:** Trevino, Daniel Maximilliano MAJ USARMY ARCYBER (USA)<daniel.m.trevino.mil@cvr.mil>

**Sent on:** Friday, May 21, 2021 6:23:31 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; jeremy<jeremy@voreas.io>; panos<panos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; angelos<angelos@voreas.io>; Antonakakis, Manos<manos@gatech.edu>; Bew, Gregory E LTC USARMY ARCYBER (USA)<gregory.e.bew.mil@cvr.mil>; Fischer, Keri E CW4 USARMY ARCYBER (USA)<keri.e.fischer.mil@cvr.mil>; Cassada, William James (Will) CW3 USARMY ARCYBER (USA)<william.j.cassada.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>

**Subject:** <no subject>

Email address to send aws calculator?



**From:****Sent on:** Friday, May 21, 2021 2:27:22 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

Inkenna@nsa.gov

**From:****Sent on:** Friday, May 21, 2021 2:26:55 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

if you have anything you'd like to email me

**From:****Sent on:** Friday, May 21, 2021 2:26:45 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

No worries. We'll connect soon

**From:** Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>

**Sent on:** Friday, May 21, 2021 2:08:32 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

Whitaker, Christopher P CIV OSD OSD (USA), The DISA RFI portal is here:

<https://disa.deps.mil/ORG/DCC/EVWD/SitePages/RFI/rfiHome.aspx>

There's a "Submit DISA RFI" button near the top-center of the page. Within the form, you can upload attachments, which would probably be best to share traffic specifics. I recommend being as specific as possible in what exactly you are looking to receive in response to your RFI. If, from DISA's perspective, you are ambiguous, they will be quick to close it without the resolution that you were hoping to receive.

**From:****Sent on:** Friday, May 21, 2021 1:37:32 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

thank you for the invite. I think I'll stay at my desk this time. I appreciate it.

**From:****Sent on:** Friday, May 21, 2021 1:34:57 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

Thanks Lynn. We are in the JOC Conference A if you are in the building and want to join us

**From:****Sent on:** Friday, May 21, 2021 1:34:29 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

I'm pretty new to this type of work....I'm with J2H

**From:** Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>  
**Sent on:** Friday, May 14, 2021 2:33:19 PM  
**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>  
**Subject:** <no subject>  
**Attachments:** 0-gcctx-d1-22f2fdb7c663f13eddcf3707b2347b5 (232.79 KB)

I don't think layouts would make it easier, but I do have a version of that graph that breaks it down for easier understanding I think.





**From:** Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>

**Sent on:** Friday, May 14, 2021 2:32:53 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

also, what about a dashboard to bring it all together?

**From:** Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>

**Sent on:** Friday, May 14, 2021 2:32:01 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

does the layouts tab make it easier on the eyes (e.g. flip from this view to the other layouts?)

**From:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>

**Sent on:** Friday, May 14, 2021 2:18:05 PM

**To:** Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

nice

**From:****Sent on:** Friday, May 14, 2021 2:06:16 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

Justin, I'm not sure everyone (Guests) can download or view the screenshot. (I know I cannot.)

**From:** Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>

**Sent on:** Friday, May 14, 2021 2:03:55 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

Tom Oneil is a good POC to talk to at Twosixlabs.

**From:** jeremy<jeremy@voreas.io>

**Sent on:** Friday, May 14, 2021 2:03:38 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

I can work with 26L to understand what needs to be done and how

**From:** jeremy<jeremy@voreas.io>

**Sent on:** Friday, May 14, 2021 2:03:12 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

I'm not familiar with the workflows for that side of IKE

**From:** jeremy<jeremy@voreas.io>

**Sent on:** Friday, May 14, 2021 2:00:14 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

It was sanctioned here <https://home.treasury.gov/news/press-releases/jy0127>



**From:****Sent on:** Friday, May 14, 2021 1:59:59 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

Yes, it's a cybersecurity company

**From:****Sent on:** Friday, May 14, 2021 1:59:16 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

Not to any foreign government org, if that's your question.

**From:****Sent on:** Friday, May 14, 2021 1:53:08 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>

**Subject:** <no subject>

Justin, is that preferable to importing the data points from said report?

**From:****Sent on:** Friday, May 7, 2021 2:27:11 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>; Jeff Karrels<jeff.karrels@twosixlabs.com>; Dr. Greg Schow<gschow@mitre.org>

**Subject:** <no subject>

Thank you Diana

**From:** \"Diana Parr, USCYBERCOM DCO (Guest)\"<\"Diana Parr, USCYBERCOM DCO (Guest)\"@teams.microsoft.com>

**Sent on:** Friday, May 7, 2021 2:26:28 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; Oneill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>; Jeff Karrels<jeff.karrels@twosixlabs.com>; Dr. Greg Schow<gschow@mitre.org>

**Subject:** <no subject>

I will forward the invitation to you Chris

**From:****Sent on:** Friday, May 7, 2021 2:16:37 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>; Jeff Karrels<jeff.karrels@twosixlabs.com>; Dr. Greg Schow<gschow@mitre.org>

**Subject:** <no subject>

Could I be invited to this demo (cphalle@nsa.gov) CYBERCOM J29

**From:****Sent on:** Friday, May 7, 2021 2:04:07 PM

**To:** Schneck, Christopher J CTR (USA)<christopher.j.schneck.ctr@cvr.mil>; Meenen, Scott F LTC USARMY USCYBERCOM J0 (USA)<scott.f.meenen.mil@cvr.mil>; Howe, Trampas R Lt Col USAF OSD OUSD R-E (USA)<trampas.r.howe.mil@cvr.mil>; Wirth, Kevin E CTR OSD OUSD R-E (USA)<kevin.e.wirth.ctr@cvr.mil>; Whitaker, Christopher P CIV OSD OSD (USA)<christopher.p.whitaker.civ@cvr.mil>; Kline, Allison M CIV (USA)<allison.m.kline.civ@cvr.mil>; Antonakakis, Manos<manos@gatech.edu>; jeremy<jeremy@voreas.io>; Oh, Jung W MAJ USARMY 780 MI BDE (USA)<jung.w.oh.mil@cvr.mil>; Dubin, Andrea R CPT USARMY 780 MI BDE (USA)<andrea.r.dubin.mil@cvr.mil>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Landis, Christopher B LCDR USN JFHQ-DODIN J3 (USA)<christopher.b.landis.mil@cvr.mil>; Perry, Tyler A Capt USAF USCYBERCOM J3 (USA)<tyler.a.perry.mil@cvr.mil>; Davis, Justin A Maj USAF USCYBERCOM J3 (USA)<justin.a.davis1.mil@cvr.mil>; Kunkler, Michael P Lt Col USAF DIA DAO (USA)<michael.p.kunkler.mil@cvr.mil>; Stradley, Hunter D CTR OSD OUSD R-E (USA)<hunter.d.stradley.ctr@cvr.mil>; Burke, Kevin T CTR USCYBERCOM J3 (USA)<kevin.t.burke18.ctr@cvr.mil>; O'Neill, Thomas E CTR USAF AFRL INFORMATION (USA)<thomas.e.oneill6.ctr@cvr.mil>; Miranda, Johnathan M MSgt USAF DISA CE (USA)<johnathan.m.miranda.mil@cvr.mil>; Vice, Brett C TSgt USAF JFHQ-DODIN (USA)<brett.c.vice.mil@cvr.mil>; Jeff Karrels<jeff.karrels@twosixlabs.com>; Dr. Greg Schow<gschow@mitre.org>

**Subject:** <no subject>

Christopher@DDS: we haven't told them

**From:** Demar, Erica<erica.demar@gatech.edu>

**Sent on:** Wednesday, May 5, 2021 6:54:59 PM

**To:** Lever, Charles C<chazlever@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; angelos<angelos@kryptowire.com>; sotiris<sotiris@ece.tuc.gr>; O'Hara, Logan<logan.ohara@gatech.edu>; Dragoslav Stojadinovic<dstojadinovic@kryptowire.onmicrosoft.com>

**Subject:** <no subject>

no worries



**From:**

**Sent on:** Wednesday, May 5, 2021 6:54:48 PM

**To:** Lever, Charles C<chazlever@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Demar, Erica<erica.demar@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; angelos<angelos@kryptowire.com>; sotiris<sotiris@ece.tuc.gr>; O'Hara, Logan<logan.ohara@gatech.edu>; Dragoslav Stojadinovic<dstojadinovic@kryptowire.onmicrosoft.com>

**Subject:** <no subject>

Sorry, Teams died on me

**From:****Sent on:** Wednesday, May 5, 2021 6:31:21 PM**To:** Lever, Charles C<chazlever@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Demar, Erica<erica.demar@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; angelos<angelos@kryptowire.com>; sotiris<sotiris@ece.tuc.gr>; O'Hara, Logan<logan.ohara@gatech.edu>; Dragoslav Stojadinovic<dstojadinovic@kryptowire.onmicrosoft.com>**Subject:** <no subject>

<https://beta.sam.gov/opp/6ee795ad86a044d1a64f441ef713a476/view#general>

**From:** Dragoslav Stojadinovic<dstojadinovic@kryptowire.onmicrosoft.com>

**Sent on:** Wednesday, May 5, 2021 6:30:30 PM

**To:** Lever, Charles C<chazlever@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Demar, Erica<erica.demar@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; angelos<angelos@kryptowire.com>; sotiris<sotiris@ece.tuc.gr>; O'Hara, Logan<logan.ohara@gatech.edu>

**Subject:** <no subject>

<https://orbit-lab.org/wiki/Hardware/bDomains/cSandboxes/iSB9>

**From:** "\"Angelos (Guest)\"<"Angelos (Guest)"@teams.microsoft.com>

**Sent on:** Wednesday, May 5, 2021 6:25:36 PM

**To:** Lever, Charles C<chazlever@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Demar, Erica<erica.demar@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; angelos<angelos@kryptowire.com>; sotiris<sotiris@ece.tuc.gr>; O'Hara, Logan<logan.ohara@gatech.edu>; Dragoslav Stojadinovic<dstojadinovic@kryptowire.onmicrosoft.com>

**Subject:** <no subject>

The original proposal did not have "Equipment" expenses; it did have Materials and Supplies (M&S).

**From:** Lever, Charles C<chazlever@gatech.edu>

**Sent on:** Tuesday, June 29, 2021 4:52:42 PM

**To:** Demar, Erica<erica.demar@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>;  
angelos<angelos@kryptowire.com>; sotiris<sotiris@ece.tuc.gr>

**Subject:** <no subject>

This is the original technical description of the pushback mechanism.

**From:** Lever, Charles C<chazlever@gatech.edu>

**Sent on:** Tuesday, June 29, 2021 4:52:26 PM

**To:** Demar, Erica<erica.demar@gatech.edu>; Antonakakis, Manos<manos@gatech.edu>;  
angelos<angelos@kryptowire.com>; sotiris<sotiris@ece.tuc.gr>

**Subject:** <no subject>

<https://www.cs.columbia.edu/~smb/papers/pushback-impl.pdf>

**From:** [Rodney Joffe](#)  
**To:** [Keromytis, Angelos](#)  
**Subject:** 1pm march 2 will be fine.  
**Date:** Monday, February 13, 2017 1:22:23 AM

---

I'll let you know whether sterling or Tyson



**From:** [Keromytis, Angelos](#)  
**To:** [Rodney Joffe](#)  
**Subject:** Re: [Non-DoD Source] Re: meeting  
**Date:** Thursday, April 19, 2018 8:26:28 PM

---

You and Link.

On Apr 19, 2018, at 20:23, Rodney Joffe <[rjoffe@centergate.com](mailto:rjoffe@centergate.com)> wrote:

I happen to have my chief technical guy for cleared stuff (Link King) here (he's based on the West Coast) through 1300 tomorrow. And John got back from RSA this afternoon.

Would it be useful for Link and/or John to join the meeting?

Begin forwarded message:

**From:** (b) (6) LTC USARMY ARCYBER (US)"  
(b) (6)  
**Subject:** Re: [Non-DoD Source] Re: meeting  
**Date:** April 19, 2018 at 7:39:51 PM EDT  
**To:** Rodney Joffe <[rjoffe@centergate.com](mailto:rjoffe@centergate.com)>  
**Cc:** "Schneck, Christopher J CTR (US)"  
<[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)>

I can come to DARPA

Respectfully,

(b) (6)

On Apr 19, 2018, at 18:37, Rodney Joffe <[rjoffe@centergate.com](mailto:rjoffe@centergate.com)> wrote:

I can. Where? That would affect what Angelos can do, I suspect.

On Apr 19, 2018, at 6:27 PM, (b) (6)  
R LTC USARMY ARCYBER (US)  
(b) (6) wrote:

[REDACTED]



Thu 4/19/2016 8:24 PM

RJ

Rodney Joffe <rjoffe@centergate.com>

Fwd: [Non-DoD Source] Re: meeting

To Keromytis, Angelos

I happen to have my chief technical guy for cleared stuff (Link King) here (he's based on the West Coast) through 1300 tomorrow. And John got back from RSA this afternoon.

Would it be useful for Link and/or John to join the meeting?

Begin forwarded message:

**From:** (b) (6) LTC USARMY ARCYBER (US) (b) (6)  
**Subject:** Re: [Non-DoD Source] Re: meeting  
**Date:** April 19, 2018 at 7:39:51 PM EDT  
**To:** Rodney Joffe <rjoffe@centergate.com>  
**Cc:** "Schneck, Christopher J CTR (US)" <christopher.schneck.ctr@darpa.mil>

I can come to DARPA

Respectfully,

(b) (6)

On Apr 19, 2018, at 18:37, Rodney Joffe <rjoffe@centergate.com> wrote:

I can. Where? That would affect what Angelos can do, I suspect.

On Apr 19, 2018, at 6:27 PM, (b) (6) LTC USARMY ARCYBER (US) (b) (6) wrote:

Can we do 1200???

Respectfully,

(b) (6)

\_\_\_\_\_

(b) (6)

On Apr 19, 2018, at 18:37, Rodney Joffe <[rjoffe@centergate.com](mailto:rjoffe@centergate.com)> wrote:

I can. Where? That would affect what Angelos can do, I suspect.

On Apr 19, 2018, at 6:27 PM, (b) (6) LTC USARMY ARCYBER (US) (b) (6) wrote:

Can we do 1200???

Respectfully,

(b) (6)

On Apr 19, 2018, at 16:49, Schneck, Christopher (contr-i2o) <[christopher.schneck.ctr@arpa.mil](mailto:christopher.schneck.ctr@arpa.mil)> wrote:

Yes, that's what I meant. Waiting to hear back from LTC (b) (6) if it's a go, I'll ask Angelos about attendees.

On Apr 19, 2018, at 4:36 PM, Rodney Joffe <[rjoffe@centergate.com](mailto:rjoffe@centergate.com)> wrote:

I think you meant 1100 at LTC (b) (6) site.

As far as clearances, mine (SCI) are held by the NSA so that should not require passing (I am in JPAS and Scattered Castles).

We could also hold it at my site in Sterling (I can go to TS at that site, not SCI).

Chris, could you please check if Angelos would be OK with John Hall and Link King, our Classified Tech Lead also joining, or if he thinks it should just be me?

Thanks

On Apr 19, 2018, at 12:45 PM, Schneck, Christopher (contr-i2o) <[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)> wrote:

That could work, Angelos just has to be back by 1300.

LTC (b) (6)

Are you available tomorrow at 1300? It might be too late for clearances for Rodney at your site but we could all meet out at Rodney's location.

Thanks,

Chris Schneck

DARPA I2O SETA

(b) (6)

-----Original Message-----

From: Rodney Joffe <[rjoffe@centergate.com](mailto:rjoffe@centergate.com)>

Sent: Thursday, April 19, 2018 12:42 PM

To: Schneck, Christopher (contr-i2o) <[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)>

Cc: (b) (6) LTC USARMY ARCYBER (US) (b) (6)

Subject: Re: meeting

If we could do 11 tomorrow it would be the grand prize for me. I have an 8am in Chantilly.

On Apr 19, 2018, at 12:25 PM, Schneck, Christopher (contr-i2o) <[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)> wrote:

We could do it tomorrow morning 10ish if (b) (6) was available then.

Chris Schneck  
DARPA I2O SETA

(b) (6)

-----Original Message-----

From: Rodney Joffe <[rjoffe@centergate.com](mailto:rjoffe@centergate.com)>

Sent: Thursday, April 19, 2018 12:08 PM

To: Schneck, Christopher (contr-i2o) <[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)>

Cc: (b) (6) LTC USARMY ARCYBER (US) (b) (6)

Subject: Re: meeting

I am available tomorrow or most of next week. However I am likely OCONUS the week after.

On Apr 19, 2018, at 11:41 AM, Schneck, Christopher (contr-i2o) <[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)> wrote:

(b) (6)

I talked with Angelos and I think we should have the meeting to make sure everyone is on the same page. Let me know when everyone is available? Angelos won't be available until May 3-4. Let me know if one of those days would work.

Thanks,

(b) (6)

Chris Schneck

DARPA I2O SETA

(b) (6)

-----Original Message-----

From: Rodney Joffe <[rjoffe@centergate.com](mailto:rjoffe@centergate.com)>

Sent: Thursday, April 19, 2018 9:34 AM

To: (b) (6) LTC USARMY ARCYBER (US) (b) (6)

Cc: Schneck, Christopher (contr-i2o) <[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)>

Subject: Re: meeting

Hello (b) (6)

Apologies for the delay. I am available whenever you are. What options do you have for time and place? I am located in Tysons Corner when I am in the office, but can meet anywhere, including up your way.

Regards

Rodney

-----  
Rodney Joffe

SVP, Senior Technologist, and Fellow

National Security Executive

Neustar, Inc.

1861 International Drive, 6th Floor

McLean VA 22102

USA

+1 202-533-2900 Direct

On Apr 19, 2018, at 9:22 AM, (b) (6) LTC USARMY ARCYBER (US (b) (6)) wrote:

Team,

I would like to get my money guys in touch with whomever is running the contract we are going to jump on. We are trying to get all of our contract lined up.

Respectfully,

(b) (6)

From: Schneck, Christopher (contr-i2o) [[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)]

Sent: Wednesday, April 18, 2018 7:56 AM

To: (b) (6) LTC USARMY ARCYBER (US)

Cc: [rjoffe@centergate.com](mailto:rjoffe@centergate.com)

Subject: meeting

(b) (6) and Rodney,

First, Rodney we didn't get the chance to meet but I am Angelos' new technical SETA. Nice to meet you, Im sure we will run into each other soon.

LTC (b) (6) I wanted to connect you and Rodney (Neustar) together because I think Rodney can provide you with some valuable opportunities and I know you weren't

From: Schneck, Christopher (contr-i2o) [[christopher.schneck.ctr@darpa.mil](mailto:christopher.schneck.ctr@darpa.mil)]

Sent: Wednesday, April 18, 2018 7:56 AM

To: (b) (6) LTC USARMY ARCYBER (US)

Cc: [rjoffe@centergate.com](mailto:rjoffe@centergate.com)

Subject: meeting

(b) (6) and Rodney,

First, Rodney we didn't get the chance to meet but I am Angelos' new technical SETA. Nice to meet you, Im sure we will run into each other soon.

LTC (b) (6) I wanted to connect you and Rodney (Neustar) together because I think Rodney can provide you with some valuable opportunities and I know you weren't able to make it the last time Rodney was at DARPA. If you want, we can arrange another meeting at DARPA or maybe back out at your facility. Either way, I didn't want the ball to drop, let me know if you need anything from me.

V/R,

Chris Schneck

DARPA I2O SETA

(b) (6)

[REDACTED]

**From:** [Keromytis, Angelos](#)  
**To:** [dacon@sudo.sh](mailto:dacon@sudo.sh); [Michael Farrell](#)  
**Cc:** [manos@gatech.edu](mailto:manos@gatech.edu)  
**Subject:** Fwd: PDF IOC extraction  
**Date:** Friday, April 14, 2017 9:47:29 PM

---

Fingers faster than brain.

Begin forwarded message:

**From:** "Keromytis, Angelos" <(b) (6)>  
**Subject:** PDF IOC extraction  
**Date:** April 14, 2017 at 9:46:59 PM EDT  
**To:** Mike Frantzen <[mikef@kududyn.com](mailto:mikef@kududyn.com)>  
**Cc:** [manos@gatech.edu](mailto:manos@gatech.edu), (b) (6)

Mike,  
can you share the IOC extraction tool with Manos? Or, if you've already used it on all the APT reports, can you send him the extracted indicators?  
Thanks,

Dr Angelos D. Keromytis  
Program Manager, Information Innovation Office (I2O)  
DARPA  
675 N. Randolph Street  
Arlington, VA 22203

(T) (b) (6)

(b) (6) (R)  
(SIPR)  
WICS)

[Redacted]



**From:** [Keromytis, Angelos](#)  
**To:** [Manos Antonakakis](#); [dagon](#); [mikef@kududyn.com](mailto:mikef@kududyn.com)  
**Cc:** (b) (6) [Angelos D Keromytis](#)  
**Subject:** I finally figure out..  
**Date:** Thursday, October 27, 2016 1:08:03 PM

---

How to export my DoD public cert...so, if you need to send me secure email to DARPA, use the attached.  
-Angelos

[REDACTED]

(b) (6)

(contr-sid)

---

**Subject:** Neustar-ARCYBER  
**Location:** DARPA HQ- 09-106

**Start:** Fri 4/20/2018 12:00 PM  
**End:** Fri 4/20/2018 1:00 PM  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

**Organizer:** Keromytis, Angelos

**Required Attendees**Schneck, Christopher (contr- i2o); (b) (6) LTC USARMY ARCYBER (US); Rodney Joffe

(b) (6)

(contr-sid)

---

**From:** Keromytis, Angelos  
**Sent:** Tuesday, April 12, 2016 10:20 AM  
**To:** David Dagon  
**Cc:** Manos Antonakakis  
**Subject:** Quick question

You mentioned a source for DNS traces that would cost "7 figures". Do you have further details?

**From:** [Schneck, Christopher \(contr-i2o\)](#)  
**To:** [Rodney Joffe](#)  
**Cc:** [Keromytis, Angelos](#)  
**Subject:** RE: [Non-DoD Source] Re: meeting  
**Date:** Friday, April 20, 2018 9:02:50 AM

---

Rodney,

Link is good to go.

Angelos,

Do I need to book a conference room for a TS level discussion or can we do it in your office?

Chris Schneck  
DARPA I2O SETA

(b) (6)

-----Original Message-----

From: Schneck, Christopher (contr-i2o)  
Sent: Friday, April 20, 2018 7:18 AM  
To: 'Rodney Joffe' <rjoffe@centergate.com>  
Subject: RE: [Non-DoD Source] Re: meeting

I won't know the status until 8am. That's when they get in apparently. Did you send it through JPASS or fax?

Chris Schneck  
DARPA I2O SETA

(b) (6)

-----Original Message-----

From: Rodney Joffe <rjoffe@centergate.com>  
Sent: Friday, April 20, 2018 7:03 AM  
To: Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>  
Cc: (b) (6)  
Subject: Re: [Non-DoD Source] Re: meeting

Ack. I talked with Angelos. He asked me to bring Link King with. We passed clearances to your SMO last night. Could you please confirm?

> On Apr 20, 2018, at 5:19 AM, Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil> wrote:

>

> That all will work for us. 1200 at DARPA

>

> On Apr 19, 2018, at 7:39 PM, (b) (6) LTC USARMY ARCYBER (US)

(b) (6) > wrote:

>

> I can come to DARPA

>

> Respectfully,

> (b) (6)

[REDACTED]

(b) (6)

> On Apr 19, 2018, at 18:37, Rodney Joffe <rjoffe@centergate.com<<mailto:rjoffe@centergate.com>>> wrote:

> I can. Where? That would affect what Angelos can do, I suspect.

> On Apr 19, 2018, at 6:27 PM, (b) (6) LTC USARMY ARCYBER (US)  
(b) (6) wrote:

> Can we do 1200???

> Respectfully,

(b) (6)

> On Apr 19, 2018, at 16:49, Schneck, Christopher (contr-i2o)  
<christopher.schneck.ctr@darpa.mil<<mailto:christopher.schneck.ctr@darpa.mil>>> wrote:

> Yes, that's what I meant. Waiting to hear back from LTC (b) (6) If it's a go, I'll ask Angelos about attendees.

> On Apr 19, 2018, at 4:36 PM, Rodney Joffe <rjoffe@centergate.com<<mailto:rjoffe@centergate.com>>> wrote:

> I think you meant 1100 at LTC (b) (6) site.

> As far as clearances, mine (SCI) are held by the NSA so that should not require passing (I am in JPAS and Scattered Castles).

> We could also hold it at my site in Sterling (I can go to TS at that site, not SCI).

> Chris, could you please check if Angelos would be OK with John Hall and Link King, our Classified Tech Lead also joining, or if he thinks it should just be me?

> Thanks

> On Apr 19, 2018, at 12:45 PM, Schneck, Christopher (contr-i2o)  
<christopher.schneck.ctr@darpa.mil<<mailto:christopher.schneck.ctr@darpa.mil>>> wrote:

> That could work, Angelos just has to be back by 1300.

> LTC (b) (6)

> Are you available tomorrow at 1300? It might be too late for clearances for Rodney at your site but we could all meet out at Rodney's location.

> Thanks,

[Redacted]

> Chris Schneck  
> DARPA I2O SETA

> (b) (6)

> -----Original Message-----

> From: Rodney Joffe  
> <rjoffe@centergate.com<<mailto:rjoffe@centergate.com>>>  
> Sent: Thursday, April 19, 2018 12:42 PM  
> To: Schneck, Christopher (contr-i2o)  
> <christopher.schneck.ctr@darpa.mil<<mailto:christopher.schneck.ctr@darpa.a.mil>>>  
> Cc: (b) (6) LTC USARMY ARCYBER (US)  
> (b) (6)  
> Subject: Re: meeting

> If we could do 11 tomorrow it would be the grand prize for me. I have an 8am in Chantilly.

> On Apr 19, 2018, at 12:25 PM, Schneck, Christopher (contr-i2o)  
<christopher.schneck.ctr@darpa.mil<<mailto:christopher.schneck.ctr@darpa.mil>>> wrote:

> We could do it tomorrow morning 10ish if LTC (b) (6) was available then.

> Chris Schneck  
> DARPA I2O SETA

> (b) (6)

> -----Original Message-----

> From: Rodney Joffe  
> <rjoffe@centergate.com<<mailto:rjoffe@centergate.com>>>  
> Sent: Thursday, April 19, 2018 12:08 PM  
> To: Schneck, Christopher (contr-i2o)  
> <christopher.schneck.ctr@darpa.mil<<mailto:christopher.schneck.ctr@darpa.a.mil>>>  
> Cc: (b) (6) LTC USARMY ARCYBER (US)  
> (b) (6)  
> Subject: Re: meeting

> I am available tomorrow or most of next week. However I am likely OCONUS the week after.

> On Apr 19, 2018, at 11:41 AM, Schneck, Christopher (contr-i2o)  
<christopher.schneck.ctr@darpa.mil<<mailto:christopher.schneck.ctr@darpa.mil>>> wrote:

> (b) (6) Rodney,

> I talked with Angelos and I think we should have the meeting to make sure everyone is on the same page. Let me know when everyone is available? Angelos won't be available until May 3-4. Let me know if one of those days would work.

> Thanks,

> Chris Schneck  
> DARPA I2O SETA

> (b) (6)

[REDACTED]

(b) (6)

>

> -----Original Message-----

> From: Rodney Joffe

> <rjoffe@centergate.com<mailto:rjoffe@centergate.com>>

> Sent: Thursday, April 19, 2018 9:34 AM

> To: (b) (6) LTC USARMY ARCYBER (US)

> (b) (6)

> Cc: Schneck, Christopher (contr-i2o)

> <christopher.schneck.ctr@darpa.mil<mailto:christopher.schneck.ctr@darpa.mil>>

> a.mil>>

> Subject: Re: meeting

>

> Hello LTC (b) (6)

>

> Apologies for the delay. I am available whenever you are. What options do you have for time and place? I am located in Tysons Corner when I am in the office, but can meet anywhere, including up your way.

>

> Regards

> Rodney

>

> \_\_\_\_\_

> Rodney Joffe

> SVP, Senior Technologist, and Fellow

> National Security Executive

> Neustar, Inc.

> 1861 International Drive, 6th Floor

> McLean VA 22102

> USA

> +1 202-533-2900 Direct

> +1 602-418-6471 Cell

> rodney.joffe@team.neustar<mailto:rodney.joffe@team.neustar>

>

> On Apr 19, 2018, at 9:22 AM, (b) (6) LTC USARMY ARCYBER (US)

(b) (6) wrote:

>

> Team,

>

> I would like to get my money guys in touch with whomever is running the contract we are going to jump on. We are trying to get all of our contract lined up.

>

>

> Respectfully,

(b) (6)

>

> From: Schneck, Christopher (contr-i2o)

> [christopher.schneck.ctr@darpa.mil<mailto:christopher.schneck.ctr@darpa.mil>]

> a.mil>

> Sent: Wednesday, April 18, 2018 7:56 AM

> To: (b) (6) LTC USARMY ARCYBER (US)

> Cc: rjoffe@centergate.com<mailto:rjoffe@centergate.com>

[REDACTED]

> Subject: meeting

>

> LTC (b) (6) and Rodney,

>

> First, Rodney we didn't get the chance to meet but I am Angelos' new technical SETA. Nice to meet you, Im sure we will run into each other soon.

>

> LTC (b) (6) I wanted to connect you and Rodney (Neustar) together because I think Rodney can provide you with some valuable opportunities and I know you weren't able to make it the last time Rodney was at DARPA. If you want, we can arrange another meeting at DARPA or maybe back out at your facility. Either way, I didn't want the ball to drop, let me know if you need anything from me.

>

> V/R,

>

>

> Chris Schneck

> DARPA I2O SETA

> (b) (6)

>

>

>

>

>

>

>

>

>

>





**From:** [Keromytis, Angelos](#)  
**To:** [dagon](#)  
**Cc:** [Ann.Cox@HQ.DHS.GOV](#); [Manos Antonakakis](#)  
**Subject:** Re: attribution note  
**Date:** Friday, November 18, 2016 12:09:16 PM

---

Thanks David.

Ann, let me know if/when you want to talk.  
-Angelos

> On Nov 18, 2016, at 8:49 AM, dagon <dagon@sudo.sh> wrote:  
>  
> Hi Ann,  
>  
> It was good to see you at the DINR DNS conference. As I mentioned,  
> we're working on an Enhanced Attribution project under DARPA. Angelos  
> Keromytis, copied above, is our PM.  
>  
> Angelos, Ann was our PM under a previous BAA, which created  
> essential tools and data insights, many now being used in our EA  
> effort. Ann is also looking at the attribution area, and even has an  
> older, broader whitepaper Manos and I wrote (pre-EA) outlining major  
> research problems in this space. Ann is also interested in any of our  
> early EA insights. So I suggested I would connect you both.  
>  
> While it's hard to predict future policy directions, one path seems  
> to hold an increased interest in cyber protections. So, you both  
> might want to compare notes about attribution, and consider what open  
> problems remain.  
>  
> Best,  
>  
> --  
> David Dagon  
> dagon@sudo.sh  
> D970 6D9E E500 E877 B1E3 D3F8 5937 48DC 0FDC E717

**From:** [Rodney Joffe](#)  
**To:** [Keromytis, Angelos](#)  
**Subject:** Re: Chat  
**Date:** Friday, January 6, 2017 1:47:08 PM

---

Ack

- > On Jan 6, 2017, at 1:42 PM, Keromytis, Angelos (b) (6) wrote:
- >
- >
- > Rodney, call me after 3:30 at my office (b) (6).

[REDACTED]

**From:** [Keromytis, Angelos](#)  
**To:** [Rodney Joffe](#)  
**Subject:** Re: Confirming address and time for tomorrow  
**Date:** Wednesday, March 1, 2017 10:49:38 PM

---

Excellent. We're all arriving separately, but you have the names of everyone who's coming in.

Looking forward to it :)

Dr Angelos D. Keromytis  
Program Manager, Information Innovation Office (I2O)  
DARPA  
675 N. Randolph Street  
Arlington, VA 22203

(T) (b) (6)

(b) (6) (R)  
(SIPR)  
(WICS)

On Mar 1, 2017, at 10:25 PM, Rodney Joffe <[rjoffe@centergate.com](mailto:rjoffe@centergate.com)> wrote:

We're expecting your gang at 1pm at

46000 Center Oak Plaza  
Sterling VA 20166

We've got a lot to cover and not much time. Our agenda takes us to 4:15 or so on the unclass side alone.

We have a LOT of stuff Lisa is authorizing :-)

[REDACTED]

(b) (6)

contr-sid

---

**From:** Rodney Joffe <rjoffe@centergate.com>  
**Sent:** Monday, December 11, 2017 1:49 PM  
**To:** Keromytis, Angelos  
**Subject:** Re: Congratulations! Συγχαρητήρια!

> On Dec 11, 2017, at 1:42 PM, Keromytis, Angelos (b) (6) wrote:  
>  
> Hehehe...ευχαριστώ!  
>  
> I also got IEEE Fellow 2 weeks ago :)

Man, you're racking them up!! Congrats.

>  
>> On Dec 11, 2017, at 1:27 PM, Rodney Joffe <rjoffe@centergate.com> wrote:  
>>  
>> In case I miss you on text... Wow!  
>>  
>> Μεγάλα συγχαρητήρια!  
>>  
>>  
>

**From:** [dagon](#)  
**To:** [Keromytis, Angelos](#)  
**Cc:** [Antonakakis, Manos](#); (b) (6) (contr-i2o)  
**Subject:** Re: DARPA domains  
**Date:** Monday, August 28, 2017 3:18:38 PM

---

On Mon, Aug 28, 2017 at 02:35:01PM +0000, Keromytis, Angelos wrote:  
> Nice :)

There's a "TODO" item, to find some missing timestamps, needed for accurate traffic analysis. I should have those soon, and will send an update. However, there's enough in the report to get started. We think we've identified an actor (or the last hop in a compromised account), as well as a likely victim.

--

David Dagon  
dagon@sudo.sh  
D970 6D9E E500 E877 B1E3 D3F8 5937 48DC 0FDC E717

**From:** [Keromytis, Angelos](#)  
**To:** [Rodney Joffe](#)  
**Subject:** Re: DNS datasets and more  
**Date:** Monday, April 25, 2016 12:21:38 AM

---

:)

1pm on Thursday it is. See you then.  
-Angelos

On Apr 24, 2016, at 10:45 PM, Rodney Joffe <rjoffe@centergate.com>  
wrote:

>

>> On Apr 24, 2016, at 8:54 PM, Keromytis, Angelos (b) (6) wrote:

>>

>> Rodney, thanks for the meeting the other day. I definitely want to talk about the details. This week, Thursday and Friday are good. After that, next open day for me is May 9. What works for you? I think meeting at DARPA would make sense? We're at 675 N Randolph Street, in Arlington (2 blocks for the Ballston metro station, Orange line).

>

> Until 6 months ago I lived (b) (6)

(b) (6)

>

> That works well. Thursday 1pm or so would be easiest for my partner to come up from Virginia Beach - as I said he is the brains of the company. But whatever works for you....

>

>>

>> I've known Steve for over 15 years, and we've been colleagues at Columbia for ~10. Steve's great. (I also know Randy, albeit not as well.)

>

> Well, you've met me now. You know the other two. So you can see why all 3 of us fit the curmudgeon bill in looks as well as network interests :-). Randy and Steve are obviously more focused on security protocols like you - there I am an idiot. But dns and networks - thats where my interest lie.

>

> Regards

> Rodney

>

>> Cheers,

>> -Angelos

>>

>> On Apr 24, 2016, at 6:50 PM, Rodney Joffe <rjoffe@centergate.com>

>> wrote:

>>

>>> Hi Angelos,

>>>

>>> First, thanks for meeting up with me on Friday. I appreciate you coming out west. As you said, maybe we could have met in Chantilly earlier :-)

>>>

>>> Second, I only just realized that you've done a lot of stuff with Steve Bellovin...

>>>

>>> I've known Steve for decades :-). He and I are two of a group of three that are referred to as curmudgeons in the network world (the other is Randy Bush). Steve is a good guy...

>>>

>>> Finally, let me know when you want to talk about the details around our general discussion. Should be much more interesting on the other side of the line...

[REDACTED]

>>>

>>> Regards

>>> Rodney

>>>

>>>

>>>> On Apr 21, 2016, at 3:00 PM, Keromytis, Angelos <(b) (6)> wrote:

>>>>

>>>> See numbers below.

>>>>

>>>> Dr. Angelos D. Keromytis

>>>> Program Manager

>>>> DARPA/Information Innovation Office

>>>> 675 N. Randolph Street, Arlington, VA 22203-2114

>>>> Tel: (b) (6)

>>>> (b) (6)

>>>>

>>>>

>>>>

>>>> On Apr 21, 2016, at 2:54 PM, Rodney Joffe <rjoffe@centergate.com>

>>>> wrote:

>>>>

>>>>> Angelos

>>>>>

>>>>> Are you still around in DC?

>>>>>

>>>>> What is a better way of contacting you than email? I keep meaning to call you to set up time but get sidetracked.

>>>>>

>>>>> I am on (b) (6)

>>>>>

>>>>>

>>>>>> On Apr 13, 2016, at 6:00 PM, Keromytis, Angelos <(b) (6)> wrote:

>>>>>>

>>>>>> Thanks Mano.

>>>>>>

>>>>>> Rodney, very pleased to meet you.

>>>>>>

>>>>>> This Friday may work, if you're available late in the afternoon (3:30pm or later). Next Friday works too, either morning or similarly late (4pm or after). Next Thursday may also work in the afternoon.

>>>>>> Best,

>>>>>> -Angelos

>>>>>>

>>>>>>

>>>>>>> On Apr 13, 2016, at 2:36 PM, Rodney Joffe <rjoffe@centergate.com>

>>>>>>> wrote:

>>>>>>>

>>>>>>> Manos, Thanks for the introduction.

>>>>>>>

>>>>>>> Angelos, pleased to meet you.... And happy to meet in person. My office is next to the White House (EEOB) on 18th/Penn.

>>>>>>>

>>>>>>> When would you like to meet? I have openings this Friday, then some gaps at the end of next week.

>>>>>>>

>>>>>>> Regards

>>>>>>> Rodney

>>>>>>>

>>>>>>>> On Apr 13, 2016, at 2:02 PM, Manos Antonakakis <manos@gatech.edu> wrote:

[REDACTED]

>>>>>>>>

>>>>>>>> Hey Rodney,

>>>>>>>>

>>>>>>>> Please allow me to introduce you to Professor Keromytis from Columbia University, currently a program manager in DARPA.

>>>>>>>>

>>>>>>>> Angelos, Rodney is one of the most important persons when we talk about operational security (vis-a-vis, lets get stuff done). Not sure an email is enough to describe Rodney's work, but this nice video (<https://www.youtube.com/watch?v=J-e3aO7rc0E>) captures some of his highlights.

>>>>>>>>

>>>>>>>> Rodney and Angelos, you are both local in DC. Rodney, Angelos is trying to understand the commercial data landscape, with some particular interest in DNS. We would really appreciate if you can spare some time from your busy schedule and have a discussion with Angelos. I know you have access to other datasets that might interest him, but I will leave this discussion up to you two.

>>>>>>>>

>>>>>>>> Many thanks,

>>>>>>>>

>>>>>>>> Manos

>>>>>>>>

>>>>>>>>

>>>>>>>>

>>>>>>>>

>>>>>>>>

>>>>>>>>

>>>>>>>>

>>>>>>>>





**From:** [Keromytis, Angelos](#)  
**To:** [Rodney Joffe](#)  
**Cc:** (b) (6) (contr-i2o)  
**Subject:** Re: introduction  
**Date:** Tuesday, January 10, 2017 12:45:16 PM

---

I was thinking of coming over, and 20 minutes out of respect for her time. I'd be happy to do longer and/or at DARPA.

-Angelos

---

**From:** Rodney Joffe  
**Sent:** Tuesday, January 10, 2017 10:04 AM  
**To:** Keromytis, Angelos  
**Cc:** Patel, Tejas (contr-i2o)  
**Subject:** Re: introduction

---

Angelos, unless you were planning otherwise, I thought it would be great if you invited her to Randolph St, dog and pony show. But 20 minutes sounds like you just want a phone conversation?

Or were you thinking of coming to one of our offices? If so, she spends time at her office in DC next to the White House, or the office in Tysons corner, or on the main campus in sterling where we have a secure facility cleared to TS.

Let me know

Thanks  
Rodney

On Jan 10, 2017, at 9:47 AM, Naperkoski, Valerie <[Valerie.Naperkoski@neustar.biz](mailto:Valerie.Naperkoski@neustar.biz)> wrote:

Hi (b) (6)

Would Angelos like to schedule a call or face-to-face meeting?

Thanks,  
Val

---

**From:** Keromytis, Angelos [<mailto:angelos.keromytis@darpa.mil>]

**Sent:** Tuesday, January 10, 2017 8:41 AM

**To:** Hook, Lisa <[Lisa.Hook@neustar.biz](mailto:Lisa.Hook@neustar.biz)>

**Cc:** Joffe, Rodney <[Rodney.Joffe@neustar.biz](mailto:Rodney.Joffe@neustar.biz)>; Naperkoski, Valerie <[Valerie.Naperkoski@neustar.biz](mailto:Valerie.Naperkoski@neustar.biz)>; Gregory, Liebe <[Liebe.Gregory@neustar.biz](mailto:Liebe.Gregory@neustar.biz)>;

(b) (6) (contr-i2o) (b) (6)

**Subject:** Re: introduction

Lisa,

thank you.

Val, Liebe,

(b) (6)(cc'ed) will coordinate on my side.

Safe travels.

-Angelos

[REDACTED]

On Jan 10, 2017, at 6:53 AM, Hook, Lisa <[Lisa.Hook@neustar.biz](mailto:Lisa.Hook@neustar.biz)>

wrote:

Dr. Keromytis,

Absolutely. I am on the road until the last week of January and happy to meet then, and can speak by phone prior if you want.

Copying Val/Liebe to schedule.

Looking forward to meeting you.

Lisa

Lisa A. Hook

Neustar, Inc. / President and Chief Executive Officer

21575 Ridgetop Circle Sterling, VA 20166

Office: +1.571.434.5630 Mobile: +1.202.907.5672 Fax:

+1.571.434.5489 / [lisa.hook@neustar.biz](mailto:lisa.hook@neustar.biz) / [www.neustar.biz](http://www.neustar.biz)

On Jan 10, 2017, at 01:08, Keromytis, Angelos

(b) (6) wrote:

Lisa,

We haven't met, but you may have heard of some of the work going on at DARPA. Neustar and Rodney have been very helpful in the past few months, and I'd like to thank you for that.

I was wondering if I could get 20 minutes of your time at some point in the near future.

Best,

Dr Angelos D. Keromytis

Program Manager, Information Innovation Office (I2O)

DARPA

675 N. Randolph Street

Arlington, VA 22203

(b) (6) (R)  
(SIPR)  
(VICS)

[Redacted]

**From:** [Keromytis, Angelos](#)  
**To:** [Rodney Joffe](#)  
**Subject:** Re: manos/Briefing  
**Date:** Tuesday, February 21, 2017 9:30:13 PM

---

:)

Original Message  
From: Rodney Joffe  
Sent: Tuesday, February 21, 2017 6:56 PM  
To: Keromytis, Angelos  
Subject: Re: manos/Briefing

Nope, doesn't matter, so lets do it. I'll send the directions, and we can pass clearances in the next couple of days.

Now I am off to see Lisa to see what other things she's prepared to uncover for you :-). You made a great impression. Two of the things I didn't even know that we had!

> On Feb 21, 2017, at 6:53 PM, Keromytis, Angelos <(b) (6)> wrote:

>  
> Everyone except Manos is cleared. It could be useful to have the option, but that's a secondary consideration. If it doesn't matter otherwise, let's do that.

> Original Message  
> From: Rodney Joffe  
> Sent: Tuesday, February 21, 2017 6:42 PM  
> To: Keromytis, Angelos  
> Subject: Re: manos/Briefing

> No objections at all.

> If we can do this in sterling, then we can go to the high side TS in the same room if you find a need.

> ?

>> On Feb 21, 2017, at 6:40 PM, Keromytis, Angelos <(b) (6)> wrote:

>> It makes perfect sense.  
>> Since you broached the topic, I was thinking of the following on our end:

>> Myself  
>> (b) (6) (office deputy director)  
>> (b) (6) (program manager, just like me)

>> Manos  
>> At least one of:

>> (b) (6)

[Redacted]

>>

>> The last 3 are from the same team in my program (the same program Manos is in). All former IC operators, with active high-level clearances.

>>

>> Any issues/objections?

>> -Angelos

>>

>>

>> Original Message

>> From: Rodney Joffe

>> Sent: Tuesday, February 21, 2017 6:04 PM

>> To: Keromytis, Angelos

>> Subject: manos/Briefing

>>

>>

>> Angelos,

>>

>> Just thinking out "aloud". I'm working on the briefing for you guys next week. At some stage I would also give this to Manos in the hopes that he can also help us out on how to improve what we do on data collection and analysis. Does it make sense/work for you if I invite Manos to come sit in on the briefing as well?

>>

>> Regards

>> Rodney

>>

>



**From:** [Keromytis, Angelos](#)  
**To:** [Rodney Joffe](#)  
**Subject:** Re: Meeting today  
**Date:** Tuesday, August 28, 2018 10:38:54 AM

---

Will do

- > On Aug 28, 2018, at 10:26 AM, Rodney Joffe <rjoffe@centergate.com> wrote:
- >
- > When you arrive, please ask for Liebe Gregory, Charlie's EA.
- >
- > Thanks!
- > Rodney



**From:** [Rodney Joffe](#)  
**To:** [Keromytis, Angelos](#)  
**Subject:** Re: Monday's EA PI Meeting  
**Date:** Thursday, May 4, 2017 4:38:02 PM  
**Attachments:** [signature.asc](#)

---

Yes, meant the 22nd. Heh.

OK, I will fill out the registration. Thanks!

> On May 4, 2017, at 4:23 PM, Keromytis, Angelos **(b) (6)** wrote:

>

> You mean on the 22nd? You are more than welcome.

>

>> On May 4, 2017, at 15:04, Rodney Joffe <rjoffe@centergate.com> wrote:

>>

>> Hello Angelos

>>

>> I hope you're doing well...

>>

>> As a "sub", do you think it would be useful for me to attend part of the day this coming Monday?

>>

>> Regards

>> Rodney

>>

[REDACTED]

**From:** [Keromytis, Angelos](#)  
**To:** [Rodney Joffe](#)  
**Subject:** Re: Oh, forgot  
**Date:** Thursday, March 2, 2017 7:36:46 AM

---

I don't tell people how to dress — they'll come in all shapes and garments. I'll be my usual :)

Dr Angelos D. Keromytis  
Program Manager, Information Innovation Office (I2O)  
DARPA  
675 N. Randolph Street  
Arlington, VA 22203

(b) (6)

On Mar 1, 2017, at 10:37 PM, Rodney Joffe <[rojoffe@centergate.com](mailto:rojoffe@centergate.com)> wrote:

Dress is geek casual at sterling campus. Jeans are common.

[REDACTED]

**From:** [Antonakakis, Manos](#)  
**To:** [Rodney Joffe](#)  
**Cc:** [Keromytis, Angelos](#)  
**Subject:** Re: PF access  
**Date:** Thursday, October 26, 2017 12:53:06 PM

---

I need to be able to query domain names, zones and IP addresses, Rodney.

—  
Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Rodney Joffe <[rjoffe@centergate.com](mailto:rjoffe@centergate.com)>  
Sent: Thursday, October 26, 2017 11:14:55 AM  
To: Antonakakis, Manos  
Cc: Dr. Angelos Keromytis Ph.D.  
Subject: Re: PF access

What fields do you need via the API?

It will make a difference in how quickly I can arrange access.

R

> On Oct 26, 2017, at 7:53 AM, Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)> wrote:  
>  
> Hey Rodney,  
>  
> Angelos would like me to get access to the PF API. Can you please let us know if this is possible?  
>  
> Thanks,  
>  
> —  
> Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)  
> Georgia Institute of Technology  
> FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668  
>



**From:** [Keromytis, Angelos](#)  
**To:** [dagon](#)  
**Cc:** [Manos Antonakakis](#)  
**Subject:** Re: Quick question  
**Date:** Tuesday, April 12, 2016 4:59:49 PM

---

Awesome, I'll hold off on any actions until I hear back on the new data set.  
-Angelos

On Apr 12, 2016, at 4:51 PM, dagon <dagon@sudo.sh>  
wrote:

> On Tue, Apr 12, 2016 at 08:03:07PM +0000, Keromytis, Angelos wrote:  
>  
>> Ah, I mis-heard what you said last week. My current question is very  
>> specifically about DNS. Yes, I know about Kaminski's gig; is there  
>> anything else out there?  
>  
> For passive DNS data, here are some data sources:  
>  
> -- Farsight passive DNS (which can be expensive, but has a robust  
> API and bulk offering, along with good collector tools e.g.,  
> DNSTap, now integrated into the major DNS source code trees  
> (BIND, Unbound, etc.)). This is close to seven figures in cost,  
> actually.  
>  
> -- Georgia Tech's "passive DNS data", collected from US ISPs. We  
> don't yet have permission to share this, but hope to. We're  
> starting with 4 geobalanced regions in the US and expanding.  
> Passive DNS is always on our critical path, so we're building our  
> own collection using ISP data as well as campus data.  
>  
> -- Georgia Tech's new "active DNS" (a substitute for passive DNS  
> based on active queries.) This yields the same rdata as passive  
> DNS, but without the organic user query rates. This is  
> free/public, and designed to help academics who don't have budget  
> or deep DNS industry connections. If you're not connected to the  
> Usenix PC or reviewing, we'll even send you a paper.  
>  
> -- Georgia Tech's malware DNS feed (also now in DHS's PREDICT data,  
> recently renamed as IMPACT). This offers DNS output from 100K  
> daily malware executions. This is free to vetted users, and we  
> use DHS as a clearing house, <https://www.impactcybertrust.org/>  
>  
> Note that these are not user-driven lookups, but automated  
> executions, so query volumes are not useful. GTRI inside GT also  
> has a larger feed.  
>  
> -- There are many other non-US offerings and smaller passive DNS  
> datasets:  
>  
> BFK.de (the original passive DNS collection; small);  
>  
> VirusTotal (small passive DNS data set, but rich in malware

> lookups).  
>  
> CIRCL (small);  
>  
> PassiveDNS.cn (via Qihoo 360, this is CN CERT's passive DNS  
> project for China. For research, I'd avoid this, since China  
> conducts DNS poisoning, making the data unusable for most  
> purposes. It's probably great for censorship studies, however,  
> since it potentially offers a fairly complete collection of CN  
> network censorship events!).  
>  
> Mnemonic;  
>  
> PassiveTotal (small);  
>  
> RiskIQ (commercial/ad oriented);  
>  
> TCPIPUtils (and various small related sites, e.g., domaintools  
> even offers a passive DNS set, etc. Hurricane Electric has a  
> small passive DNS offering, etc.)  
>  
> Some of the AV companies (e.g., AVG, Trend, etc.). These are not  
> generally commercially available, but they might work with DARPA.  
> Ask if you need introductions. Many of the "smaller" open  
> recursives are exiting the market now or selling their recursives  
> (and data feeds) to the security industry.  
>  
> I mention these other small projects because there's a useful long  
> tail to passive DNS data, which collect from different network  
> locations, user populations, etc. In some research, every passive DNS  
> source may turn out to be useful. Chris Lee, formerly of GT and now  
> in the Virginia area, offers a nice API for collecting these.  
>  
> And of course APT attacks result in DNS behavior on corporate  
> recursives, often just a single packet, which are \*never\* shared with  
> passive DNS collectors. There's a small community of researchers that  
> share/trade these indicators. These APT data sources are not yet  
> commodity/public, and are often silo'd unfortunately. There are a few  
> very small "APT indicator feeds" that are public, but are essentially  
> derivations of whitepapers and mailing lists/public knowledge.  
>  
> There's also another passive DNS data set, far larger than FarSight  
> (and likely very affordable), but it's not yet public/commercially  
> available. We're working to connect you with the owner, consistent  
> with various NDAs that prevent us from sharing more details. IMHO,  
> this new source would be your first go-to for passive DNS, if/when it  
> becomes available.  
>  
> I will follow up more if we can connect you to the new DNS data  
> source. Else, the list above is a good summary of public and  
> commercial passive DNS data sources.  
>  
> Hope this helps,  
>  
> --  
> David Dagon  
> dagon@sudo.sh



> D970 6D9E E500 E877 B1E3 D3F8 5937 48DC 0FDC E717



**From:** [Keromytis, Angelos](#)  
**To:** [Rodney Joffe](#)  
**Cc:** (b) (6) (contr-i2o)  
**Subject:** Re: Thank you...  
**Date:** Thursday, March 2, 2017 10:01:59 PM

---

Rodney, thank \*you\*. This was truly great and eye opening for us!

Dr Angelos D. Keromytis  
Program Manager, Information Innovation Office (I2O)  
DARPA  
675 N. Randolph Street  
Arlington, VA 22203

(b) (6)

On Mar 2, 2017, at 8:27 PM, Rodney Joffe <[rjoffe@centergate.com](mailto:rjoffe@centergate.com)> wrote:

Angelos,

Thanks for getting the team over to see us today. I've never been present at a meeting like this at Neustar. We've never shared so much and it was mostly eye-opening and educational for me, and many of our folks! So we benefitted enormously as well.

I am providing below the email addresses of all of our attendees - your guys were looking for the info. In addition our people would like to get the contact info from your team ;-)

Could you please provide the equivalents, where they are comfortable :-) ?

Looking forward to following up. Enjoy your trip to Australia!

Regards  
Rodney

(b) (6)

(b) (6)

[REDACTED]

**From:** Keromytis, Angelos  
**To:** (b) (6) SA USAF AFOSI AFOSI/3 FIS/CI&O; Antonakakis, Manos; dagon@sudo.sh; Farrell, Michael D; (b) (6) Schneck, Christopher (contr-i2o); Demar, Jeremy  
**Cc:** (b) (6) CIV USAF AFOSI AFOSI/3 FIS/CIO (b) (6) (contr-i2o)  
**Subject:** RE: Visit and Talk?  
**Date:** Thursday, June 28, 2018 11:36:58 AM

---

I can't do a call on the morning of July 13, but either (b) (6) or Chris should be able to,  
Cheers,  
-Angelos

-----Original Message-----

**From:** (b) (6) SA USAF AFOSI AFOSI/3 FIS/CI&O (b) (6)  
**Sent:** Thursday, June 28, 2018 10:22 AM  
**To:** Antonakakis, Manos <manos@gatech.edu>; dagon@sudo.sh; Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; Keromytis, Angelos (b) (6); (b) (6) (b) (6); Schneck, Christopher (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Demar, Jeremy <jdemar3@gatech.edu>  
**Cc:** (b) (6) CIV USAF AFOSI AFOSI/3 FIS/CIO (b) (6)  
**Subject:** RE: Visit and Talk?

Hey Manos,

Awesome! How about the 13th then? Maybe we can meet sometime in the morning/early afternoon so (b) (6) and I can get a flight home that afternoon/evening so our families so don't kill us for traveling so much :)

Like I said I don't think we want to do anything formal just have a talk about tactics and methods as best we all can (share) and then perhaps have a discussion on what things are helpful to our mission/operation and what other things we can use to take advantage of that maybe you all aren't aware of.

We have a great relationship with Angelos and his folks so obviously we welcome their involvement but if this is too short notice maybe they can even dial in?

(b) (6)

-----Original Message-----

**From:** Antonakakis, Manos [<mailto:manos@gatech.edu>]  
**Sent:** Tuesday, June 26, 2018 8:55 PM  
**To:** (b) (6) SA USAF AFOSI AFOSI/3 FIS/CI&O (b) (6); dagon@sudo.sh; Farrell, Michael D <Michael.Farrell@gtri.gatech.edu>; Keromytis, Angelos D CIV DARPA (US) (b) (6) (contr-i2o) <christopher.schneck.ctr@darpa.mil>; Demar, Jeremy <jdemar3@gatech.edu>  
**Cc:** (b) (6) CIV USAF AFOSI AFOSI/FIR 7/FIS 3 (b) (6)  
**Subject:** [Non-DoD Source] Re: Visit and Talk?

Hey (b) (6)

Happy to host you in my lab. I will be in DC on the 9th and 10th of July for sure. The chances are that I will be able to get the first flight on the 11th and be at the lab by 9.30am or so. The 12th and 13th will work for sure.

DARPA PM team, I am CCing you just as an FYI. You are more than welcome to attend, if you wish.

Thanks,

[REDACTED]

Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: (b) (6) SA USAF AFOSI AFOSI/3 FIS/CI&O <(b) (6)>  
Sent: Tuesday, June 26, 2018 4:20:05 PM  
To: Antonakakis, Manos; dagon@sudo.sh; Farrell, Michael D  
Cc: (b) (6) CIV USAF AFOSI AFOSI/FIR 7/FIS 3  
Subject: Visit and Talk?

Gents,

Greetings from Texas! So you met a few associates of ours (Glenn) a few weeks back for your briefings. (b) (6) and I unfortunately could not attend due to late notice of the meetings and we were booked elsewhere! I finally got the slide deck and wanted to talk to you about a few things and have a bit of a brainstorming session. Some of the questions and scenarios you bring up I think I have some more fidelity on that would be worth talking about in person, if possible.

So (b) (6) and I are doing a little East Coast swing in a few weeks (9-13 July) would you all by chance be available to meet up and talk some cyberz for a bit?

(b) (6)

(b) (6)

Special Agent  
Air Force Office of Special Investigations 3rd Field Investigations Squadron Cyber Investigations and Operations  
Lackland AFB, TX

Office: (b) (6)  
Cell: (b) (6)

[REDACTED]

**From:** [mikef@kududyn.com](mailto:mikef@kududyn.com)  
**To:** [Rodney Joffe](mailto:Rodney.Joffe); [John.Hall@neustar.biz](mailto:John.Hall@neustar.biz); [Link.King@neustar.biz](mailto:Link.King@neustar.biz); [Robert.Seastrom@neustar.biz](mailto:Robert.Seastrom@neustar.biz);  
[John.Keaveney@neustar.biz](mailto:John.Keaveney@neustar.biz); [Xavier.Riley@neustar.biz](mailto:Xavier.Riley@neustar.biz); [Rupert.Young@neustar.biz](mailto:Rupert.Young@neustar.biz); [Ryan.Medlin@neustar.biz](mailto:Ryan.Medlin@neustar.biz);  
[hank.skorny@neustar.biz](mailto:hank.skorny@neustar.biz); [Sean.Kaine@neustar.biz](mailto:Sean.Kaine@neustar.biz)  
**Cc:** [Keromytis.Angelos](mailto:Keromytis.Angelos); (b) (6) (contr-i2o)  
**Subject:** Thank you for the presentations  
**Date:** Friday, March 3, 2017 9:25:56 AM

---

With the acceleration of big data in businesses I've seen a lot of interesting data source. Your crew at Neustar is the first that I've seen who had the foresight to link your disparate data sources and the engineering smarts to do it at scale; not for a single purpose like the advertisement driven companies but for many purposes. You've truly built something far greater than the sum of its parts! My head is still exploding. Thankyou!

Mike Frantzen  
Founder Kudu Dynamics  
(c) 703-527-1230





**From:** [Pierce, Brian](#)  
**To:** [rjoffe@centergate.com](mailto:rjoffe@centergate.com)  
**Cc:** [Keromytis, Angelos](#)  
**Subject:** Thanks  
**Date:** Sunday, March 5, 2017 4:06:54 PM

---

Dear Rodney,

Thank you again for hosting the very informative set of briefings at your facility in Sterling. I am impressed with what you have achieved and where you are going. I will be following up with Angelos on paths forward.

I mentioned a couple of programs in our office that are network-related, with top-level information as follows:

Edge-Directed Cyber Technologies for Reliable Mission Communication (EdgeCT)  
<http://www.darpa.mil/program/edge-directed-cyber-technologies-for-reliable-mission-communication>

Extreme DDoS Defense (XD3)  
<http://www.darpa.mil/program/extreme-ddos-defense>

Dr. Stuart Wagner is the Program Manager for these two programs.

Also, in case you have not looked at our Open Catalog of technical papers and open source software generated by programs in our office, I provide the link:

<https://opencatalog.darpa.mil/>

The XDATA program has developed a large number of data science tools that are in this catalog:  
<https://opencatalog.darpa.mil/XDATA.html>

The Memex program is developing greatly enhanced web search to include the deep and dark parts of the web, and has tools in the catalog:

<https://opencatalog.darpa.mil/MEMEX.html>

Sincerely,  
Brian

Brian M. Pierce, PhD  
Deputy Director  
Information Innovation Office (I2O)  
DARPA

**(b) (6)**

**[REDACTED]**

(b) (6)

(contr-sid)

**Subject:** Understanding Requirements  
**Location:** 09-106, 675 North Randolph St, Arlington, VA 22203

**Start:** Thu 3/23/2017 11:00 AM  
**End:** Thu 3/23/2017 11:30 AM  
**Show Time As:** Tentative

**Recurrence:** (none)

**Meeting Status:** Not yet responded

**Organizer:** Keromytis, Angelos

**Required Attendees:** Hall, John <John.Hall@neustar.biz>; Rodney Joffe; (b) (6) (contr i2o)

**Optional Attendees:** (b) (6)

Rodney and John:

You can use me as the POC tomorrow. In case you need to pass clearances, the information is available at <http://www.darpa.mil/policy/visitor-information>.

Regards,

(b) (6)

Systems Engineering and Technical Assistance DARPA I2O

work:

black

NIPR:

SIPR:

JWICS

(b) (6)

**From:** "Abdallah, Chaouki T" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=BAE3F903136E420DA0DDDBFA719CA2CE-ABDALLAH\_CH>

**Sent on:** Monday, January 25, 2021 7:51:14 PM

**To:** Antonakakis, Manos <manos@gatech.edu>

**Subject:** FW: Feedback on Capitol Buzz

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
**Georgia Institute of Technology**  
225 North Avenue  
Atlanta, GA 30332-0325

---

**From:** Abdallah, Chaouki T <ctabdallah@gatech.edu>

**Date:** Tuesday, January 19, 2021 at 12:10 PM

**To:** Fox, Kelly <kelly.fox@gatech.edu>, Kopkowski, Renee <renee.kopkowski@gatech.edu>, Cabrera, Angel <angel.cabrera@gatech.edu>, Neville, Frank E <frank.neville@gatech.edu>, McLaughlin, Steven W <swm@gatech.edu>

**Subject:** Re: Feedback on Capitol Buzz

We have experts on attribution if we ever decide to check on the true origin of the message...

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
**Georgia Institute of Technology**  
225 North Avenue  
Atlanta, GA 30332-0325

---

**From:** Fox, Kelly <kelly.fox@gatech.edu>

**Date:** Tuesday, January 19, 2021 at 12:10 PM

**To:** Kopkowski, Renee <renee.kopkowski@gatech.edu>, Abdallah, Chaouki T <ctabdallah@gatech.edu>, Cabrera, Angel <angel.cabrera@gatech.edu>, Neville, Frank E <frank.neville@gatech.edu>, McLaughlin, Steven W <swm@gatech.edu>

**Subject:** RE: Feedback on Capitol Buzz

Thanks. I sent to chief. – Kelly

---

**From:** Kopkowski, Renee

**Sent:** Tuesday, January 19, 2021 11:34 AM

**To:** Abdallah, Chaouki T <ctabdallah@gatech.edu>; Cabrera, Angel <angel.cabrera@gatech.edu>; Neville, Frank E <frank.neville@gatech.edu>; Fox, Kelly <kelly.fox@gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>

**Subject:** Re: Feedback on Capitol Buzz

Yep. This one ranks up there with the email calling us all Nazis for changing doubles to singles in housing to slow the spread. We live in such happy times.

Renee Kopkowski  
Vice President  
Institute Communications  
Georgia Institute of Technology  
Phone: 404-894-0852; Cell: 404-376-2470  
[www.gatech.edu](http://www.gatech.edu)

**Make testing part of your weekly routine. Register at [mytest.gatech.edu](http://mytest.gatech.edu)#JacketsProtectJackets**

---

**From:** "Abdallah, Chaouki T" <[ctabdallah@gatech.edu](mailto:ctabdallah@gatech.edu)>

**Date:** Tuesday, January 19, 2021 at 11:31 AM

**To:** "Cabrera, Angel" <[angel.cabrera@gatech.edu](mailto:angel.cabrera@gatech.edu)>, "Neville, Frank E" <[frank.neville@gatech.edu](mailto:frank.neville@gatech.edu)>, "Fox, Kelly" <[kelly.fox@gatech.edu](mailto:kelly.fox@gatech.edu)>, "Kopkowski, Renee" <[renee.kopkowski@gatech.edu](mailto:renee.kopkowski@gatech.edu)>, "McLaughlin, Steven W" <[swm@gatech.edu](mailto:swm@gatech.edu)>

**Subject:** Fwd: Feedback on Capitol Buzz

What a sweet message. Should we send to the chief of police?

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
Georgia Institute of Technology  
Begin forwarded message:

**From:** Georgia Tech Covid Response <[Gatech\\_covid@protonmail.com](mailto:Gatech_covid@protonmail.com)>  
**Date:** January 19, 2021 at 11:29:08 EST  
**To:** GT GCR <[gcr@gatech.edu](mailto:gcr@gatech.edu)>  
**Cc:** "Cabrera, Angel" <[angel.cabrera@gatech.edu](mailto:angel.cabrera@gatech.edu)>, "Abdallah, Chaouki T" <[ctabdallah@gatech.edu](mailto:ctabdallah@gatech.edu)>, Provost Steve McLaughlin <[provost@gatech.edu](mailto:provost@gatech.edu)>, "Fox, Kelly" <[kelly.fox@gatech.edu](mailto:kelly.fox@gatech.edu)>  
**Subject: Feedback on Capitol Buzz**

**Reply-To:** Georgia Tech Covid Response <[Gatech\\_covid@protonmail.com](mailto:Gatech_covid@protonmail.com)>

Georgia Tech Communists,

First of all, fuck your covid nonsense. Do you have an IQ above 70? Covid-19 is nothing more than social engineering designed to ease the way into the so-called "great reset" and communism. That should be obvious to everybody by now. Look around and objectively see what is happening to the USA. Your insipid communications are aiding the enemy.

And you mention Brian Kemp? He is a traitor to the USA. If you're promoting Brian Kemp, you need to slit your own throats right now. Kemp was instrumental in the voter fraud that consumed the state of Georgia. You now have zero credibility name-dropping that criminal.

Why is the \$5 million program to keep juniors and seniors in school focused on MINORITY STUDENTS? Why not \*all\* students, assholes?

Your motherfuckers are really asking for it. Keep pushing all this crap. The war is coming to YOU.

GaTech Covid Truthforce

---

Last week, the Georgia General Assembly's 236 state legislators convened for the start of 2021 Legislative Session. Of particular note this session are the policies and procedures enacted by the House and Senate to protect members, staff, and the general public from the coronavirus for the duration of the 40 day session. Beyond requiring social distancing and masks during meetings and votes, the House and Senate are also requiring all members and staff be tested twice per week as part of a Georgia Tech-sponsored COVID-19 surveillance testing program similar to the one implemented on campus. Through this unique opportunity, Georgia Tech is providing nearly 1400 tests per week on site at the Capitol building in order to prevent the asymptomatic spread of the coronavirus. We are grateful not only for the General Assembly entrusting us with this incredible opportunity to serve our state but also for our partners here on campus as well as at Northeast Georgia Health System

who are assisting us in keeping our state's leaders safe.

On Thursday, Governor Brian Kemp delivered his State of the State Address and released his budget recommendations for Adjusted Fiscal Year (AFY) 2021 and Fiscal Year 2022. To briefly recap the State of the State Address, Governor Kemp emphasized his continued focus on the state's response to the pandemic and protecting both the lives and livelihoods of all Georgians. The Governor announced that, as of earlier this week, 283,000 Georgians had been vaccinated, 5.7 million tests have been performed, and the state has secured enough PPE supplies to last 80 days. Furthermore, the Governor noted Georgia's ranking as the "#1 State for Business" for the 8<sup>th</sup> consecutive year as well as several notable legislative priorities including the expansion of a PPE tax credit and the reform of the state's outdated citizen's arrest law.

Regarding the Governor's budget recommendations, we are pleased to announce that no budget reductions, tax increases, or widespread state employee layoffs are expected this year in light of Georgia's economic resiliency in the face of the pandemic. While Georgia Tech is not seeking a bond-funded project this year, we will be working hard to support the University System and our sister institutions in advocating for \$61.475 million in new formula funds for system-wide enrollment increases as well as \$70 million in bond funding for major repair and rehabilitations to aging USG facilities. Below, you will find several notable items included within the Governor's budget recommendation:

- \$20 million for this fiscal year and \$10 million per year moving forward to boost access to rural broadband grants to quickly improve internet access for the people of rural Georgia
- Nearly \$40 million for the OneGeorgia Authority to establish a Rural Innovation Fund to provide a readily available pool of resources that empowers rural Georgia businesses and entrepreneurs to get create, expand, and thrive
- \$647 million in the AFY 21 budget to restore funding to K-12 school systems across the state, fully fund enrollment growth, and hold schools harmless for enrollment reductions – with \$573 million allocated to continue those efforts in the FY 22 budget
- \$5 million for a pilot program through the USG to keep up to 10,000 juniors and seniors with unmet financial obligations enrolled in college – this program will focus on institutions serving minority students

We will continue to work over the next few weeks with House and Senate leadership to protect our budget priorities. The Chancellor will present the University System's budget today to the Joint House and Senate Appropriations Committee.

Office of Institute Relations  
Georgia Institute of Technology  
404.894.1238

From: "Antonakakis, Manos" </o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7e6b0afc581e477db35a37c3a3a79aeb-Antonakakis>  
Sent on: Tuesday, July 6, 2021 4:13:18 PM  
To: Connolly, Robert <robert.connolly@police.gatech.edu>  
Subject: Fw: FGJ Subpoena for Manos Antonakakis

Hey Chief, hope you are doing great. This finally ended up in a Subpoena. Still nobody knows what they want for us.

Crazy stuff.

Manos

---

From: Antonakakis, Manos <manos@gatech.edu>  
Sent: Tuesday, July 6, 2021 11:10 AM  
To: Lunon, Darryl  
Cc: Nie, Ling-Ling; Wasch, Kate  
Subject: Re: FGJ Subpoena for Manos Antonakakis

Thank you Darryl for the update.

We still do not know what they want me to testify about or whether or not I am the target of the investigation, correct? Also, we have no idea if this can be done over the phone/zoom, right?

Just so you know, if I have to physically be in DC, I will likely be forced to drive up. My wife is in her 11th week, and I will not be taking any risks with the Delta variance despite the fact that we are both vaccinated.

Thanks, Manos

---

From: Lunon, Darryl <dl91@gatech.edu>  
Sent: Tuesday, July 6, 2021 10:58 AM  
To: Antonakakis, Manos  
Cc: Nie, Ling-Ling; Wasch, Kate  
Subject: RE: FGJ Subpoena for Manos Antonakakis

Good morning Manos,

Hoping you enjoyed your holiday weekend.

I just wanted to inform you that OGC has notified the Attorney General's office that you were requested to testify at a Grand Jury. The AG and OGC are determining how best to assist you. As soon as we receive the way forward from the AG, we will contact you. We anticipate hearing back within the next 48 hours.

Darryl

From: Lunon, Darryl  
Sent: Sunday, July 4, 2021 4:50 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Cc: Nie, Ling-Ling <linglingnie@gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>  
Subject: RE: FGJ Subpoena for Manos Antonakakis

Good afternoon Manos,

Thank you for continuing to keep our office informed. After we discuss internally, If you are available, we will contact you

the first of next week to discuss.

If you receive any other contact, please continue to let us know. Enjoy the rest of your holiday weekend.

Darryl

Very Respectfully,

Darryl W. Lunon, II | CE '99  
Deputy General Counsel &  
Chief Ethics and Compliance Officer  
Georgia Institute of Technology  
[cid:image001.png@01D5E1AF.0C6BB790]

Notice: Most communications to or from Georgia Tech employees are a public record and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response may be subject to public disclosure.

---

From: Nie, Ling-Ling <linglingnie@gatech.edu<mailto:linglingnie@gatech.edu>>  
Sent: Saturday, July 3, 2021 6:57 PM  
To: Lunon, Darryl <dl91@gatech.edu<mailto:dl91@gatech.edu>>; Wasch, Kate  
<kate.wasch@legal.gatech.edu<mailto:kate.wasch@legal.gatech.edu>>  
Subject: Fwd: FGJ Subpoena for Manos Antonakakis

---

From: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>  
Sent: Saturday, July 3, 2021 12:24 PM  
To: Nie, Ling-Ling; Wasch, Kate  
Subject: Re: FGJ Subpoena for Manos Antonakakis

Hey Ling-Ling/Kate,

Dave informed me that his lawyer Mark Rasch would like to talk to me. Not sure what he wants to talk to me about, but I suspect it might be related with the Subpoena I just received. Should I answer his call or you are in communication with him (about Dave) and I do not need to talk to him directly?

Sorry, but I am disconnected with this case and to be honest surprised with the Subpoena request. I do not want to do something wrong that complicates the situation even further.

Thanks, Manos

---

From: Nie, Ling-Ling <linglingnie@gatech.edu<mailto:linglingnie@gatech.edu>>  
Date: Friday, July 2, 2021 at 7:50 PM  
To: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>, McLaughlin, Steven W  
<swm@gatech.edu<mailto:swm@gatech.edu>>, Abdallah, Chaouki T  
<ctabdallah@gatech.edu<mailto:ctabdallah@gatech.edu>>, Wasch, Kate  
<kate.wasch@legal.gatech.edu<mailto:kate.wasch@legal.gatech.edu>>, Lunon, Darryl  
<dl91@gatech.edu<mailto:dl91@gatech.edu>>  
Subject: Re: FGJ Subpoena for Manos Antonakakis

Hi Manos: Thanks for forwarding. I'm copying Kate's correct email address and adding Darryl. We will confer internally and come back to you early next week as there are some people who are out of the office for the holiday weekend that we will need to loop in.

---

From: Antonakakis, Manos <manos@gatech.edu<mailto:manos@gatech.edu>>

Sent: Friday, July 2, 2021 2:39 PM

To: McLaughlin, Steven W; Abdallah, Chaouki T; kate.wesch@legal.gatech.edu <mailto:kate.wesch@legal.gatech.edu>; Nie, Ling-Ling

Subject: Fw: FGJ Subpoena for Manos Antonakakis

Hey Steve/Chaouki/Kate/Ling-Ling,

Hope you are doing great! Evidently I need to appear in front of a Grand Jury on July 15th. Any idea if I should talk with GT counsel before or if anyone from GT should be with me in this testimony?

This is a first for me so I am not sure what to do next.

Thanks, Manos

---

From: Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov <mailto:John.Eckenrode@usdoj.gov>>

Sent: Friday, July 2, 2021 4:28 PM

To: Antonakakis, Manos

Cc: kate.wesch@legal.gatech.edu <mailto:kate.wesch@legal.gatech.edu>; Fuhrman, Tim (JMD)

Subject: FGJ Subpoena for Manos Antonakakis

Dear Mr. Antonakakis - This is Jack Eckenrode, an Investigator with the US Justice Department. Together with my colleague Tim Fuhrman, copied here, with whom you may have had previous contact, we are attaching a federal grand jury subpoena seeking your testimony in Washington, DC on July 15, 2021 at 1:00pm. You should feel free to contact either one of us in the event that you have any questions related to the subpoena or your appearance.

Also copied for her awareness is Kate Wasch, legal counsel from Georgia Tech.



From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Monday, June 15, 2020 7:06:30 PM  
To: Connolly, Robert <robert.connolly@police.gatech.edu>  
Subject: Fw: Follow up from DOJ

Chief, I forgot to CC you in this email. This is just FYI-

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu  
College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Antonakakis, Manos <manos@gatech.edu>  
Sent: Monday, June 15, 2020 1:46 PM  
To: Wasch, Kate  
Cc: McLaughlin, Steven W; Abdallah, Chaouki T  
Subject: Re: Follow up from DOJ

Hey Kate, thank you for your note.

I am very busy with EA for at least until the end of July. I was planning to take some time off after these major EA milestones ahead of us, and then I will be starting a new research project on 5G security with DARPA as the PI. This means I will have to handle contractual and other management issues around bootstrapping this new large DARPA research project. All these means that I will not be able to do potentially meaningful work (and this depends on what the actual ask from DoJ really is) until September for this investigator.

Now, neither member of my team nor me will talk to anyone \*until\* I get explicit direction from the Dean of COE and/or EVPR that GT wants my team to get involved in this investigation. Assuming we end up as GT helping out DoJ in this investigation, I would like to understand how GT (Steve and Chaouki) plans to protect me and my researchers when our attribution analysis become public and we have extreme people from either the far right (i.e., KKK) or the far left (i.e., Antifa) --- that do not like our findings for whatever reason --- come visiting us in our homes.

When I get answers to all these, then we can schedule a call with the DoJ investigator about what explicitly they want us to do. For that call, I would like someone from GT legal to be on the call, just in case the discussion goes down a path that could be potentially damaging for GT's reputation (i.e., the DoJ is borderline unethical or even illegal). It would not be fair for just me to be responsible for that.

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu  
College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Wasch, Kate <kate.wasch@legal.gatech.edu>  
Sent: Monday, June 15, 2020 1:13 PM

To: Dagon, David S; Antonakakis, Manos

Subject: Follow up from DOJ

Good afternoon, gentlemen. DARPA confirmed in a telephone call with us that you may speak to the DOJ and their investigator. Please let me know if you are willing to do so.

Kate Wasch

Chief Counsel

Employment & Litigation

Office of Legal Affairs

Georgia Institute of Technology

Atlanta, GA 30332-0495

(404)894-4812

Most communications to or from Georgia Tech employees are a public record and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response may be subject to public disclosure.

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Wednesday, February 16, 2022 9:16:53 PM  
To: Fuller, Christian <christian.fuller@legal.gatech.edu>; Schamel, Mark <MSchamel@lowenstein.com>; Connolly, Robert <robert.connolly@police.gatech.edu>  
CC: Abdallah, Chaouki T <ctabdallah@gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>  
Subject: Fw: Hope you are well  
Attachments: image001.png (4.4 KB)

Just ca

---

From: Flowers, Benjamin S. <flowers.387@osu.edu>  
Sent: Wednesday, February 16, 2022 3:52 PM  
To: Antonakakis, Manos  
Subject: Hope you are well

You are trending...in my view in a good way.  
<https://twitter.com/normative/status/1493965939964092422?s=21>

Hope you are well amidst all this.

Should you be interested, OSU engineering is on a hiring spree...happy to talk if that suits you.

benjy

---

Benjamin Flowers  
Professor and Associate Director  
Knowlton School  
College of Engineering  
The Ohio State University

275 West Woodruff Avenue  
Columbus, OH 43210-1138  
USA  
O: 614-292-1785  
flowers.387@osu.edu <<mailto:flowers.387@osu.edu>>

[A close up of a logo Description automatically generated]

From: Antonakakis, Manos <manos@gatech.edu>

Sent on: Wednesday, February 16, 2022 9:19:18 PM

To: Fuller, Christian <christian.fuller@legal.gatech.edu>; Schamel, Mark <MSchamel@lowenstein.com>; Connolly, Robert <robert.connolly@police.gatech.edu>

CC: Abdallah, Chaouki T <ctabdallah@gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>

Subject: Fw: Hope you are well

Attachments: image001.png (4.4 KB)

Gents,

I will be shutting my cellphone off for some period of time. If you need to get in touch with me please email me and we will set up a VTC.

The only reason I am sending you this email, is because this is one of the nice ones. I would recommend that you do not look up my name on the Internet anymore. They managed to completely destroy my name and my reputation that I worked so hard to build over the years.

Not sure what to expect next.

Manos

---

From: Flowers, Benjamin S. <flowers.387@osu.edu>

Sent: Wednesday, February 16, 2022 3:52 PM

To: Antonakakis, Manos

Subject: Hope you are well

You are trending...in my view in a good way.

<https://twitter.com/normative/status/1493965939964092422?s=21>

Hope you are well amidst all this.

Should you be interested, OSU engineering is on a hiring spree...happy to talk if that suits you.

benjy

---

Benjamin Flowers

Professor and Associate Director

Knowlton School

College of Engineering

The Ohio State University

275 West Woodruff Avenue

Columbus, OH 43210-1138

USA

O: 614-292-1785

flowers.387@osu.edu <<mailto:flowers.387@osu.edu>>

[A close up of a logo Description automatically generated]

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Wednesday, May 13, 2020 7:10:15 PM  
To: Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>; Keromytis, Angelos D <angelos@gatech.edu>  
CC: McLaughlin, Steven W <swm@coe.gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>  
Subject: Fw: HR001120S0026-OPS-5G-FP-010-Notification Letter  
Attachments: FP010.pdf (84.45 KB)

Some good news in these crazy times. Attached please find the notice for a contract award selection from DARPA. This will likely be a new ~\$7.3M/4y project under the title PROgrammable INFRAstructure for CounterING Pugnacious Adversaries on a Large Scale (PRINCIPALS) on the OPS-5G program at DARPA I2O.

\*ALL\* credit should go to Angelos for conceptualizing the idea and executing the proposal. Kudos, Angele!

---

Manos Antonakakis | Associate Professor | manos@gatech.edu  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: OPS-5G <ops-5g@darpa.mil>  
Sent: Wednesday, May 13, 2020 1:58 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Cc: OPS-5G <ops-5g@darpa.mil>  
Subject: HR001120S0026-OPS-5G-FP-010-Notification Letter

Dear Dr. Antonakakis,

Please see the attached file regarding your proposal submission (HR001120S0026-OPS-5G-FP-010) that was submitted to the Open Programmable Secure 5G (OPS-5G) solicitation, HR001120S0026.

Regards,

DARPA/I2O

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Friday, September 17, 2021 3:00:48 PM  
**To:** McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**CC:** Nie, Ling-Ling<linglingnie@gatech.edu>  
**Subject:** FW: Indictment  
**Attachments:** Fallacies.pdf (385.75 KB)

Folks, in my effort to protect the university and my research, I ended up being listed in the recent indictment. Now, I am being followed by right wing people on Twitter.

Still do not know what I have done wrong, outside my job at GT. Looking for the right next steps here to protect my family.

Thanks, Manos

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Date:** Friday, September 17, 2021 at 9:57 AM  
**To:** Schamel, Mark <MSchamel@lowenstein.com>, Jara, Ana <AJara@lowenstein.com>, Fuller, Christian <christian.fuller@legal.gatech.edu>  
**Subject:** Re: Indictment

Folks, these are my latest comments on the indictment.

Goes without saying that I feel played here. They have taking things out of context, ignored key facts (like the fact that GT did not buy any data that were used in the production of the article they care about), and effectively I ended up in this indictment for what exactly? For not being able to prove the narrative in the document they cared about or because I reviewed that document?

What have I done wrong to deserve to be listed in this indictment? Or more importantly, can someone tell me what I have done wrong, period?

Since last night I have rejected three follower requests from far right wing people on Twitter. It is safe to assume that my name has been leaked by someone. What would be the right course of action for me at this point? Should I send my wife to leave with a friend, move to a hotel or simply relocate? Can we please get on a call today and discuss what I should be doing next?

Thanks,  
Manos

---

**From:** Schamel, Mark <MSchamel@lowenstein.com>  
**Date:** Thursday, September 16, 2021 at 5:50 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>, Jara, Ana <AJara@lowenstein.com>  
**Subject:** RE: Indictment

No sorry. I get it. You are rightly livid. This is outrageous. Just trying to keep it in a usable format.

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

T: 202.753.3805  
M: 202.841.3401  
F: 973.597.2400



---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Thursday, September 16, 2021 5:48 PM  
**To:** Schamel, Mark <MSchamel@lowenstein.com>; Jara, Ana <AJara@lowenstein.com>  
**Subject:** Re: Indictment

Sorry, I will do Mark.

Manos

---

**From:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>

**Date:** Thursday, September 16, 2021 at 5:46 PM

**To:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** RE: Indictment

I appreciate that this is a ridiculous indictment and infuriating, but ask that you send me one comprehensive email rather than each paragraph. Just too hard to do it piecemeal.

M

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

T: 202.753.3805

M: 202.841.3401

F: 973.597.2400



---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Sent:** Thursday, September 16, 2021 5:44 PM

**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>; Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** Re: Indictment

Page 10, this is wrong.



---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Date:** Thursday, September 16, 2021 at 5:38 PM

**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** Re: Indictment

Page 15, this note has been taken out of context.



They asked me to review it as such. And with the remaining statements in the previous page, Researcher 1 could appear to be a co-conspirator. What am I missing?

Manos

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Date:** Thursday, September 16, 2021 at 5:35 PM

**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** Re: Indictment

On page 14, this is also wrong.



Manos

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Date:** Thursday, September 16, 2021 at 5:31 PM

**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** Re: Indictment

Hey Mark, I assume that I am Researcher-1. If so, this is not true.



The only thing I did was looked at the data send to me between July and August 2016. The way this was written stipulates that we working together or under the guidance of Tech Executive 1 between July 2016 and February 2017. I cannot understand how they concluded that.

I am on page 12 so far.

Manos

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Date:** Thursday, September 16, 2021 at 5:10 PM

**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** Re: Indictment

Thanks, Mark. Let's set up a call with Angelos and Christian, yes.

Manos

---

**From:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>

**Date:** Thursday, September 16, 2021 at 5:08 PM

**To:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** RE: Indictment

<https://www.justice.gov/sco/press-release/file/1433511/download>

Not sure why it did not forward. Sorry.

**Mark E. Schamel**

Partner

Lowenstein Sandler LLP

T: 202.753.3805

M: 202.841.3401

F: 973.597.2400



---

**From:** Schamel, Mark

**Sent:** Thursday, September 16, 2021 5:06 PM

**To:** 'Antonakakis, Manos' <[manos@gatech.edu](mailto:manos@gatech.edu)>; Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** Indictment

Manos

As discussed. Please review and we will schedule a time tomorrow for a call. If you are ok with it, we will do a call with you and Angelos. We could even include Christian if you were so inclined.

Mark

**Mark E. Schamel**

Partner

Lowenstein Sandler LLP

T: 202.753.3805

M: 202.841.3401

F: 973.597.2400





---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Saturday, September 18, 2021 1:50:23 PM  
**To:** McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Subject:** FW: Indictment  
**Attachments:** Fallacies.pdf (424.58 KB)

Folks, just FYI.

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Saturday, September 18, 2021 at 8:48 AM  
**To:** "Schamel, Mark" <MSchamel@lowenstein.com>, "Jara, Ana" <AJara@lowenstein.com>, "Fuller, Christian" <christian.fuller@legal.gatech.edu>  
**Subject:** Re: Indictment

Ana, Mark and Christian thank you so much for the discussion we had yesterday. I will take some time to think what my next actions will be from here.

Regardless what I end up doing, I would like to put in paper the parts where the investigators simply lied or are trying to mislead the reader of the indictment. I am attaching my recollections under the "Relevant Parts in Discussion with Government" paragraphs of the attached document.

I suspect the prosecutor was recording or keeping notes of our discussions. If someone gets access to these transcripts they can easily verify at which parts the prosecutors took what I said out of context in order to mislead the readers of the indictment or simply lied because my statements evidently did not fit their story line.

Let's keep this document internally for now. Time will tell if I and/or GT might want to use it somehow down the road. Thanks, Manos

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Friday, September 17, 2021 at 2:45 PM  
**To:** "Schamel, Mark" <MSchamel@lowenstein.com>, "Jara, Ana" <AJara@lowenstein.com>, "Fuller, Christian" <christian.fuller@legal.gatech.edu>  
**Subject:** Re: Indictment

I will be back online in about 30 minutes if you want to have a call.

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Friday, September 17, 2021 11:33:58 AM  
**To:** Schamel, Mark <MSchamel@lowenstein.com>; Jara, Ana <AJara@lowenstein.com>; Fuller, Christian <christian.fuller@legal.gatech.edu>  
**Subject:** Re: Indictment

I will be away from my computer for the next three hours. [REDACTED].

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Friday, September 17, 2021 9:56:56 AM  
**To:** Schamel, Mark <MSchamel@lowenstein.com>; Jara, Ana <AJara@lowenstein.com>; Fuller, Christian <christian.fuller@legal.gatech.edu>  
**Subject:** Re: Indictment

Folks, these are my latest comments on the indictment.

Goes without saying that I feel played here. They have taking things out of context, ignored key facts (like the fact that GT did not buy any data that were used in the production of the article they care about), and effectively I ended up in this indictment for what exactly? For not being able to prove the narrative in the document they cared about or because I reviewed that document?

What have I done wrong to deserve to be listed in this indictment? Or more importantly, can someone tell me what I have done wrong, period?

Since last night I have rejected three follower requests from far right wing people on Twitter. It is safe to assume that my name has been leaked by someone. What would be the right course of action for me at this point? Should I send my wife to leave with a friend, move to a hotel or simply relocate? Can we please get on a call today and discuss what I should be doing next?

Thanks,

Manos

---

**From:** Schamel, Mark <MSchamel@lowenstein.com>

**Date:** Thursday, September 16, 2021 at 5:50 PM

**To:** Antonakakis, Manos <manos@gatech.edu>, Jara, Ana <AJara@lowenstein.com>

**Subject:** RE: Indictment

No sorry. I get it. You are rightly livid. This is outrageous. Just trying to keep it in a usable format.

**Mark E. Schamel**

Partner

Lowenstein Sandler LLP

T: 202.753.3805

M: 202.841.3401

F: 973.597.2400



---

**From:** Antonakakis, Manos <manos@gatech.edu>

**Sent:** Thursday, September 16, 2021 5:48 PM

**To:** Schamel, Mark <MSchamel@lowenstein.com>; Jara, Ana <AJara@lowenstein.com>

**Subject:** Re: Indictment

Sorry, I will do Mark.

Manod

---

**From:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>

**Date:** Thursday, September 16, 2021 at 5:46 PM

**To:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** RE: Indictment

I appreciate that this is a ridiculous indictment and infuriating, but ask that you send me one comprehensive email rather than each paragraph. Just too hard to do it piecemeal.

M

**Mark E. Schamel**

Partner

Lowenstein Sandler LLP

T: 202.753.3805

M: 202.841.3401

F: 973.597.2400



---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Sent:** Thursday, September 16, 2021 5:44 PM

**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>; Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** Re: Indictment

Page 10, this is wrong.



---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Date:** Thursday, September 16, 2021 at 5:38 PM

**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** Re: Indictment

Page 15, this note has been taken out of context.



They asked me to review it as such. And with the remaining statements in the previous page, Researcher 1 could appear to be a co-conspirator. What am I missing?

Manos

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Date:** Thursday, September 16, 2021 at 5:35 PM

**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** Re: Indictment

On page 14, this is also wrong.



Manos

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Date:** Thursday, September 16, 2021 at 5:31 PM

**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** Re: Indictment

Hey Mark, I assume that I am Researcher-1. If so, this is not true.



The only thing I did was looked at the data send to me between July and August 2016. The way this was written stipulates that we working together or under the guidance of Tech Executive 1 between July 2016 and February 2017. I cannot understand how they concluded that.

I am on page 12 so far.

Manos

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Date:** Thursday, September 16, 2021 at 5:10 PM

**To:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** Re: Indictment

Thanks, Mark. Let's set up a call with Angelos and Christian, yes.

Manos

---

**From:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>

**Date:** Thursday, September 16, 2021 at 5:08 PM

**To:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** RE: Indictment

<https://www.justice.gov/sco/press-release/file/1433511/download>

Not sure why it did not forward. Sorry.

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

T: 202.753.3805

M: 202.841.3401

F: 973.597.2400



---

**From:** Schamel, Mark

**Sent:** Thursday, September 16, 2021 5:06 PM

**To:** 'Antonakakis, Manos' <[manos@gatech.edu](mailto:manos@gatech.edu)>; Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Subject:** Indictment

Manos

As discussed. Please review and we will schedule a time tomorrow for a call. If you are ok with it, we will do a call with you and Angelos. We could even include Christian if you were so inclined.

Mark

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

**T:** 202.753.3805

**M:** 202.841.3401

**F:** 973.597.2400



---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

**From:** Antonakakis, Manos<manos@gatech.edu>

**Sent on:** Thursday, June 10, 2021 9:23:45 PM

**To:** Beyah, Raheem A<rbeyah@coe.gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>;  
McLaughlin, Steven W<swm@gatech.edu>

**Subject:** FW: Letter of Resignation

The irony in this is stanning. We just talked about Logan and the need for retention this morning.

Now, I just lost the guy I as planning to have as my director for the engineering work of the center. It took us a year to give him 9% increase on he salary. He got an offer for 40% more on his salary. Couldn't be a worst timing for all these. Maybe growing is not the think we should do given the restrains we have from USG.

Thanks, Manos

---

**From:** O'Hara, Logan <logan.ohara@gatech.edu>

**Date:** Thursday, June 10, 2021 at 4:17 PM

**To:** Antonakakis, Manos <manos@gatech.edu>

**Subject:** Letter of Resignation

Manos,

After a lot of thought and deliberation I've decided to accept an offer from another company and offer my resignation from GT. My last day will be June 25. This was not an easy decision for me to make, and I did not take it lightly. I've never known anything outside of Georgia Tech (and Astrolavos) professionally, but this opportunity is a very good fit for me and an excellent step into the next stage of my career.

I want to sincerely thank you for all that you have done for me over the last 5 years. You have always had my back and I'm truly grateful for that. I've learned a ton in the lab and developed professionally thanks to your leadership. A boss who cares so much about his people is really rare and that is one of the reasons I enjoyed working for you so much. It's been an awesome experience and I would not trade it for anything. Every minute has been exciting and everybody in the lab has been awesome to work with. I will definitely miss it.

All the best,

Logan O'Hara

Research Engineer | Astrolavos Research Lab

Georgia Institute of Technology | Atlanta, Ga.

logan.ohara@gatech.edu | 919-389-1258

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Sunday, October 17, 2021 4:40:29 PM  
**To:** Fuller, Christian<christian.fuller@legal.gatech.edu>; Schamel, Mark<MSchamel@lowenstein.com>; Jara, Ana<AJara@lowenstein.com>  
**CC:** McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>; Nie, Ling-Ling<linglingnie@gatech.edu>  
**Subject:** FW: New subpoenas  
**Attachments:** second.pdf (2.17 MB), first.pdf (2.05 MB)

For the record, please find attached the two subpoenas that was served in my house not two hours ago. Hopefully I can get some guidance from legal soon.  
Thanks, Manos

---

**From:** "Antonakakis, Manos" <manos@gatech.edu>  
**Date:** Sunday, October 17, 2021 at 10:14 AM  
**To:** "Schamel, Mark" <MSchamel@lowenstein.com>, "Jara, Ana" <AJara@lowenstein.com>  
**Cc:** "Fuller, Christian" <christian.fuller@legal.gatech.edu>  
**Subject:** New subpoenas

Folks, I just received two new subpoenas: one for deposition and one to produce evidence. This is Alfa bank related. Can you please give me a call at your earliest convenience to discuss what I should do next?  
Thanks, Manos

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Monday, June 29, 2020 6:07:32 PM  
To: Wasch, Kate <kate.wasch@legal.gatech.edu>  
CC: Connolly, Robert <robert.connolly@police.gatech.edu>  
Subject: Fw: Possible Interview

Hey Kate,

How should me and Dave handle this request?

Thanks,

---

Manos Antonakakis, Ph.D. | manos@gatech.edu  
College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Fuhrman, Timothy J. (MO) (FBI) <TJFUHRMAN@fbi.gov>  
Sent: Monday, June 29, 2020 12:58 PM  
To: Antonakakis, Manos  
Subject: FW: Possible Interview

Professor Antonakakis- I am forwarding an email I sent this morning to David Dagon regarding the matter we discussed several months ago. As it is possible that we may need to interview as part of our work, I wanted to also bring this matter to your attention. I would ask that you kindly contact me at one of the numbers listed in the attached email so that we may discuss arranging a possible interview of you also. Thank you in advance for your cooperation. Timothy Fuhrman, Investigator, DOJ

---

From: Fuhrman, Timothy J. (MO) (FBI)  
Sent: Monday, June 29, 2020 11:49 AM  
To: [REDACTED]  
Subject: Possible Interview

Mr. Dagon- as you may recall, I contacted you several months ago on behalf of the US Department of Justice (DOJ). At that time you indicated that you did not believe either Georgia Tech or the Department of Defense (DOD) entity funding your research would authorize you to be interviewed about the matters that are of interest to us. After numerous discussions with the DOD entity and Georgia Tech's Office of General Counsel, we have been advised that neither organization objects to an interview of you as part of our work.

As I mentioned to you previously, our investigation has found that you have knowledge relevant to it. To that end, we believe that you are a witness who can provide valuable information to advance our investigation.

I would ask that you kindly contact me at 202-532-3557 (Cell); 202-6161470 (DC Office); or 251-415-3298 (Temporary office in Mobile, AL) so that we can schedule an interview with you. Thank you in advance for your cooperation. Timothy Fuhrman, Investigator, DOJ



From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Thursday, July 8, 2021 4:07:13 PM  
To: Connolly, Robert <robert.connolly@police.gatech.edu>  
Subject: Fw: Response to Subpoena

Just FYI- Chief. I forwarded this to Ling-Ling and Kate.

Thanks, Manos

---

From: Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>  
Sent: Thursday, July 8, 2021 10:54 AM  
To: Antonakakis, Manos  
Cc: Wasch, Kate  
Subject: Response to Subpoena

Professor Antonakakis- as a follow up to the email containing a subpoena for your testimony on Thursday, July 15th to a sitting grand jury in the District of Columbia, sent to you by my colleague, Jack Eckenrode, last Friday, July 2nd and the two voicemails I left on your work phone last Friday, July 2nd and yesterday, July 7th, to which we have not received any response, I am sending this email to determine if you will accept service of the referenced subpoena. In the event we do not receive a timely response from you regarding this matter, it may be necessary to serve you personally at your residence or place of employment. You may respond to this email address or contact me on one of the telephone numbers listed below. I have also copied Kate Wasch of Georgia Tech's Legal Affairs Department regarding this matter.

Timothy J. Fuhrman  
Investigator  
Durham Special Counsel Team  
202-616-1470 (Office)  
202-532-3557 (Cell)  
202-307-2388 (SCIF)

**From:** Horton, Rebecca Darnell<rdhorto@sandia.gov>  
**Sent on:** Wednesday, October 21, 2020 4:24:38 AM  
**To:** A. P. Meliopoulos (Sakis) (sakis.m@gatech.edu)<sakis.m@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>; Abowd, Gregory D<abowd@gatech.edu>; alexa.harther@gtri.gatech.edu; Aluru, Srinivas (External Contact)<aluru@cc.gatech.edu>; Bras, Bert (External Contact)<bert.bras@me.gatech.edu>; Beyah, Raheem (External Contact)<rbeyah@ece.gatech.edu>; Biegalski, Steven<steven.biegalski@me.gatech.edu>; Hunt, William (External Contact)<bill.hunt@ece.gatech.edu>; Bonnie Ferri (bonnie.ferri@gatech.edu)<bonnie.ferri@gatech.edu>; Peavy, Brent (External Contacts)<brent.peavy@gtri.gatech.edu>; Brown, Lori<lori.brown@dev.gatech.edu>; Rust, Carl (External Contact)<carl.rust@gatech.edu>; Caroline Wood<caroline.wood@dev.gatech.edu>; Charles Isbell<isbell@gatech.edu>; Valle, Christine (External Contact)<christine.valle@coe.gatech.edu>; CRA Gail D. Spatt (spatt@gatech.edu)<spatt@gatech.edu>; CRA Susan Roche (susan.roche@gatech.edu)<susan.roche@gatech.edu>; III, Chelsea (External Contact)<cwhite@isye.gatech.edu>; Dana Randall<randall@cc.gatech.edu>; David Sherrill<sherrill@chemistry.gatech.edu>; Devesh Ranjan (devesh.ranjan@me.gatech.edu)<devesh.ranjan@me.gatech.edu>; Romeijn, Ph.D., H. (External Contact)<edwin.romeijn@isye.gatech.edu>; Vogel, Eric (External Contact)<eric.vogel@mse.gatech.edu>; Pittman, Etta (External Contact)<etta.pittman@ece.gatech.edu>; White, George (External Contact)<george.white@gatech.edu>; Greg King (greg.king@gatech.edu)<greg.king@gatech.edu>; Durgin, Gregory (External Contact)<durgin@gatech.edu>; Griessman, Gloria<Gloria.Griessman@gatech.edu>; Irfan Essa<irfan@gatech.edu>; Jacobs, Laurence J<laurence.jacobs@coe.gatech.edu>; James Hudgens<James.Hudgens@gtri.gatech.edu>; Kubanek, Julia (External Contact)<julia.kubanek@cos.gatech.edu>; Kevin Wozniak<kevin.wozniak@gtrc.gatech.edu>; Krishnendu Roy<krish.roy@gatech.edu>; Krista Walton<Krista.Walton@chbe.gatech.edu>; Lakita Brooks (lbrooks@gatech.edu)<lbrooks@gatech.edu>; Luca Dieci<dieci@math.gatech.edu>; Swaminathan, Madhavan (External Contact)<madhavan@ece.gatech.edu>; Magnus Egerstedt (magnus.egerstedt@ece.gatech.edu)<magnus.egerstedt@ece.gatech.edu>; margaret.loper@gtri.gatech.edu; Mark Francis Costello (mark.costello@aerospace.gatech.edu)<mark.costello@aerospace.gatech.edu>; McDowell, David (External Contact)<david.mcdowell@me.gatech.edu>; Thadhani, Naresh (External Contact)<naresh.thadhani@mse.gatech.edu>; Nic Hud<nick.hud@chemistry.gatech.edu>; Brand, Oliver (External Contact)<oliver.brand@ien.gatech.edu>; olof.westerstahl@gatech.edu; Schultz, Paul (External Contact)<pschultz@cc.gatech.edu>; Rachel Kuske (rachel@math.gatech.edu)<rachel@math.gatech.edu>; Rasha Shawky (rasha.shawky@gatech.edu)<rasha.shawky@gatech.edu>; Butera, Robert (External Contact)<rbutera@gatech.edu>; Rebecca Caravati<rebecca.caravati@osp.gatech.edu>; Lpc, Robbie (External Contact)<robbie.ouzs@gatech.edu>; Graham, Samuel (External Contact)<sgraham@gatech.edu>; Stephen E. Ralph (stephen.ralph@ece.gatech.edu)<stephen.ralph@ece.gatech.edu>; Steven McLaughlin - Georgia Tech (swm@coe.gatech.edu)<swm@coe.gatech.edu>; Lieuwen, Timothy (External Contact)<tim.lieuwen@energy.gatech.edu>; tom.mcneil@gtri.gatech.edu; Wenke Lee<wenke@cc.gatech.edu>; Mark S. Whorton (Mark.Whorton@gtri.gatech.edu)<Mark.Whorton@gtri.gatech.edu>; Alexandra Boldyreva<sasha@gatech.edu>; Alper Erturk<alper.erturk@me.gatech.edu>; anirban.mazumdar@me.gatech.edu; Brendan Saltaformaggio<Brendan@ece.gatech.edu>; Chaitanya Deo<chaitanya.deo@me.gatech.edu>; Christopher Saldana<christopher.saldana@me.gatech.edu>; Conte, Thomas (External Contact)<conte@gatech.edu>; III, Chelsea (External Contact)<cwhite@isye.gatech.edu>; David Sholl<david.sholl@chbe.gatech.edu>; Ellen Yi Chen Mazumdar<ellen.mazumdar@gatech.edu>; Vogel, Eric (External Contact)<eric.vogel@mse.gatech.edu>; evangelos.theodorou@ae.gatech.edu; Boukouvala, Fani

(External Contacts)<fani.boukouvala@chbe.gatech.edu>; Grijalva, Santiago C<sgrijalva@ece.gatech.edu>; Jacobs, Laurence J<laurence.jacobs@coe.gatech.edu>; Jeff Wu (jeff.wu@isye.gatech.edu)<jeff.wu@isye.gatech.edu>; Jeff Young<jyoung9@gatech.edu>; Jennifer Hasler - GT (jennifer.hasler@ece.gatech.edu)<jennifer.hasler@ece.gatech.edu>; John Cressler<cressler@ece.gatech.edu>; Jonathan Rogers (jonathan.rogers@me.gatech.edu)<jonathan.rogers@me.gatech.edu>; Kacher, Josh (External Contact)<josh.kacher@mse.gatech.edu>; Kubanek, Julia (External Contact)<julia.kubanek@cos.gatech.edu>; Julian Rimoli<julian.rimoli@aerospace.gatech.edu>; Feigh, Karen (External Contact)<karen.feigh@gatech.edu>; Krista Walton<Krista.Walton@chbe.gatech.edu>; Lauren Krista Stewart (lauren.stewart@ce.gatech.edu)<lauren.stewart@ce.gatech.edu>; Swaminathan, Madhavan (External Contact)<madhavan@ece.gatech.edu>; Manos Antonakakis<manos@gatech.edu>; Losego, Mark (External Contact)<losego@gatech.edu>; Massimo Ruzzene<ruzzene@gatech.edu>; Matthew Gombolay (matthew.gombolay@cc.gatech.edu)<matthew.gombolay@cc.gatech.edu>; Mike Leamy<michael.leamy@me.gatech.edu>; Zhou, Min (External Contacts)<min.zhou@gatech.edu>; Mooney, Vincent (External Contact)<mooney@ece.gatech.edu>; Neha Garg<neha.garg@chemistry.gatech.edu>; Preet Mohinder Singh (preet.singh@mse.gatech.edu)<preet.singh@mse.gatech.edu>; Qi, H. (External Contact)<qih@me.gatech.edu>; Rashan Joseph (roshan@gatech.edu)<roshan@gatech.edu>; Richard Vuduc<richie@gatech.edu>; Santanu Dey (santanu.dey@isye.gatech.edu)<santanu.dey@isye.gatech.edu>; Graham, Samuel (External Contact)<sgraham@gatech.edu>; Tsiotras, Panagiotis<tsiotras@gatech.edu>; umit@gatech.edu; Vladimir Kolesnikov<kolesnikov@gatech.edu>; W. Jud Ready Ph. D. (jud.ready@gatech.edu)<jud.ready@gatech.edu>; Wenting Sun<wenting.sun@aerospace.gatech.edu>; Wang, Yan (External Contact)<yan.wang@me.gatech.edu>; Younan Xia<younan.xia@gme.gatech.edu>; Jiang, Zhigang (External Contact)<zhang.jiang@physics.gatech.edu>; Alex Endert<endert@gatech.edu>; Alex Orso<orso@cc.gatech.edu>; Benjamin B. Yang (Benjamin.Yang@gtri.gatech.edu)<Benjamin.Yang@gtri.gatech.edu>; Biegalski, Steven<steven.biegalski@me.gatech.edu>; Blair Brettmann<blair.brettmann@mse.gatech.edu>; Byron Boots<bboots@cc.gatech.edu>; Rust, Carl (External Contact)<carl.rust@gatech.edu>; Ernst, Christa (External Contact)<christa.ernst@ien.gatech.edu>; Cynthia Sundell (cynthia.sundell@ibb.gatech.edu)<cynthia.sundell@ibb.gatech.edu>; Julie Ridings<julie.ridings@ece.gatech.edu>; Lerner, Lee<Lee.Lerner@gtri.gatech.edu>; Lily Cheung<lily.cheung@gatech.edu>; Manos Antonakakis<manos@gatech.edu>; Marta Hatzell<marta.hatzell@me.gatech.edu>; Farrell, Michael (External Contact)<michael.farrell@gtri.gatech.edu>; Philip Santangelo<philip.santangelo@bme.gatech.edu>; Sam Coogan [REDACTED]>; Shannon Yee<shannon.yee@me.gatech.edu>; stasko@cc.gatech.edu; Kalidindi, Surya (External Contact)<surya.kalidindi@me.gatech.edu>; Trent Brunson - Cyber Technology and Information Security Laboratory (CTISL) (trent.brunson@gtri.gatech.edu)<trent.brunson@gtri.gatech.edu>; Valeria Milam<valeria.milam@mse.gatech.edu>; Sundaram, Venky (External Contact)<vs24@gatech.edu>; Thomas, Valerie (External Contact)<vthomas@isye.gatech.edu>; felicia.johnson@coe.gatech.edu; Coyle, Edward J<ejc@gatech.edu>; kvogt@gatech.edu; lynda.house@coe.gatech.edu

**CC:** Claudet, Andre<aaclaud@sandia.gov>; Huff, Johnathon<jhuff@sandia.gov>; Stangebye, Hannah<hstange@sandia.gov>; Price, Jazmine<jazpric@sandia.gov>; Hassan, Basil<bhassan@sandia.gov>; Pitcher, Natalie<npitche@sandia.gov>

**Subject:** FW: Sandia Academic Alliance: Georgia Tech Partnership Announcements

**Attachments:** HuffBio\_Oct2020 v2.docx (515.67 KB)

*Dear Georgia Tech Colleagues,*

*I am very pleased to announce several new Sandia interfaces for the Academic Alliance with Georgia Institute of Technology.*

**Johnathon Huff, Sandia Director, Environment, Safety and Health Center, will serve as the Georgia Tech Campus Executive** effective Nov 2, 2020. In this role, he will strengthen Sandia's institutional relationship by engaging with Georgia Tech executive leadership; support and enhance the partnership strategy; and bolster our partnership by identifying and promoting relevant research opportunities across Sandia Mission Areas through executive level interaction. Please find his bio attached.

**Andre Claudet will assume the Georgia Institute of Technology Partnerships Management role** in support of the Sandia Academic Alliance program (SAA). Andre will be moving into this role on Friday, 23-October from his current position as the manager of the Advanced Packaging & Integration Department within Sandia's Microsystems Engineering Sciences and Applications (MESA).

Andre's Georgia TechPartnership role will ensure continuity on the SAA program objective to build an innovation pipeline through partnerships that facilitate access to talent, ideas, and R&D facilities. In this COVID-adjusted role Andre will be based in New Mexico interfacing virtually with Georgia Tech and traveling twice per month to campus when authorized during the pandemic restrictions. He will focus on the SAA program priorities of 1) developing and executing a strategic partnership plan based on strong engagement with Sandia's program areas, 2) developing and executing a communications plan that strengthens internal and on-campus awareness, and 3) achieving a step-up in hiring through an integrated approach. He will work closely with our new GT Campus Executive, Johnathon Huff, and the GT recruiting team lead, Scottie-Beth Fleming, as well as the broader University Partnerships team in the Chief Research Office at Sandia to expand our partnership with Georgia Tech.

Andre is a three-time GT Alum with his BS, MS, and PhD in Mechanical Engineering. He has been at Sandia since 2004 and a manager for nine years. His SNL journey has taken him through Manufacturing Science and Technology, Nuclear Surety Mechanisms, Precision Mechanical Systems, and Microelectronics Integration. He served as the Georgia Tech recruiting team lead for 7 years and as the advanced manufacturing thrust area lead. Recently, he has nucleated projects in microelectronics packaging with the GT Packaging Research Center. Andre has been involved in the Georgia Tech relationship since the inception of the SAA and has contributed to many levels of the partnership including LDRD concepts, workshops, and review/selections, and notably created a highly effective Georgia Tech recruiting team.

**Hannah Stangebye recently joined the Sandia Academic alliance team as the new Partnership Development Specialist supporting GT effective Friday, October 9.** Hannah brings familiarity with the SAA program and a wealth of experience with the Autonomy for Hypersonics Mission Campaign, university engagements, and the LDRD office. Hannah joined Sandia in 2015 as an intern supporting Business Development and IP Management. She has held a couple different staff positions at Sandia including Competitive Intelligence Specialist, Technical Business Development Specialist and more recently, Program Development. Additionally, Hannah recently completed a rotational assignment in the Sandia Laboratory Directed Research and Development (LDRD) office where she developed a management assurance framework for Sandia Mission Campaigns. In her most recent program development role, Hannah worked in the Integrated Military Systems Center, where she supported advanced concept development for the Labs' hypersonic mission. Previous to this role, Hannah worked with Alex Roesler to conceptualize and execute the Lab's first Mission Campaign, Autonomy for Hypersonics. In that role, Hannah visited Georgia Tech numerous times. She helped establish various relationships with GT and GTRI, facilitated more than 10 research collaborations and recruited several GT students for summer internships at Sandia. Hannah is looking forward to working with GT more broadly and hopes to continue to enable and support collaborative research between the two organizations.

Hannah has a BA in English from the University of New Mexico and a MS in Research Administration from Johns Hopkins University. Hannah recently participated in Sandia's Future Leaders program. Hannah is known across the Labs for her creativity, strategic mind, exceptional marketing skills and

*extensive knowledge of advanced flight systems. Her interests include research development and assessment, next-generation technology concept development, and collaborative research. On a personal note, Hannah recently welcomed a daughter with her husband Richard and is the proud owner of two standard poodles.*

*I wish to welcome them all to their new roles and am very excited to have them engaged. We will begin arranging some introductory meetings with Georgia Tech key contacts and leadership in the near future in coordination with Krista Walton and Olof Westerstahl.*

*I want to express my gratitude once again for the opportunity to work with GT and be immersed in the culture on campus with leadership, faculty and students as well as administration staff. Our partnership is thriving with many outstanding and growing research collaborations and joint efforts to enhance the talent pipeline for national security work. I will continue to cherish the relationships developed and look forward to maturing the Sandia-GT partnership in my new role at Sandia.*

*With Kind Regards,  
Rebecca*

*Rebecca D. Horton  
Senior Manager, Academic Programs  
Chief Research Office  
Sandia National Laboratories  
Mobile: (505) 205-4291  
[rdhorto@sandia.gov](mailto:rdhorto@sandia.gov)  
SNL office: Building 897, Room 4012G*

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Thursday, October 7, 2021 1:47:52 PM  
**To:** Connolly, Robert<robert.connolly@police.gatech.edu>  
**Subject:** FW: Sussman

Chief, if I remember correctly you made a similar point the other day. It does not seem to be a criminal case here. See what the lawyers shared with me today.

Thanks, Manos

---

**From:** "Schamel, Mark" <MSchamel@lowenstein.com>  
**Date:** Thursday, October 7, 2021 at 6:33 AM  
**To:** "Jara, Ana" <AJara@lowenstein.com>, "Antonakakis, Manos" <manos@gatech.edu>  
**Subject:** Sussman



---

- ACCOUNT

---

- LAW360

---

- PRODUCTS

---

- RANKINGS

---

- SECTIONS

---

## Sussmann Seeks Clarity On 'Vague,' 'Confusing' Indictment

By [Dave Simpson](#)

Share us on:

Law360 (October 6, 2021, 11:10 PM EDT) -- Former [Perkins Coie LLP](#) partner Michael Sussmann asked a D.C. federal court on Wednesday to require the [U.S. Department of Justice](#) to provide more specificity to the "vague" and "confusing" indictment that accuses the cybersecurity expert of lying to the [FBI](#) in the run-up to the 2016 presidential election.

In a motion for a bill of particulars, Sussmann argued that [last month's indictment](#) from special counsel John Durham fails to quote his allegedly false statement or explain how it is material, is unclear as to what crime he is being charged with, and withholds the identities of individuals he is accused of secretly working for.

"While the indictment in this matter is 27 pages long, the majority of the allegations are not relevant to the crime the special counsel has chosen to charge," Sussmann's filing said. "And on that charge, a single alleged false statement, the indictment plainly fails to provide Mr. Sussmann with the detail and clarity that the law requires and that is essential in enabling Mr. Sussmann to prepare his defense."

Sussmann became the second person to face a criminal charge stemming from an investigation Durham has headed since 2019 into the origins of the FBI's investigation into links between the Trump presidential campaign and Russia. Sussmann has [pled not guilty](#).

A grand jury indictment accuses Sussmann of lying to James Baker, the FBI's top lawyer, during a meeting in September 2016 in which he provided information allegedly showing a secret channel between then-presidential candidate Donald Trump's company and a Kremlin-connected bank.

Sussmann said he was providing the information as a "good citizen," according to the indictment

The indictment says he was actually relaying it on behalf of parties including Hillary Clinton's presidential campaign. It claims the lie was material, in that it had a tendency to influence an FBI decision because it deprived the agency of knowing the "political nature" of his work.

On Wednesday, Sussmann said that the indictment does not state precisely what he is alleged to have said to Baker and that it's not enough for the DOJ to make general allegations as to the substance of the conversation.

"It is particularly critical for Mr. Sussmann to receive notice of the precise false statement being charged given that the statement is unrecorded, five years old, and witnessed by only a single individual who has already disclaimed memory of the statement; and the indictment itself lacks a single consistent theory about even the substance of the false statement, sometimes suggesting that Mr. Sussmann said he was not meeting with the FBI on behalf of any client, while other times claiming that Mr. Sussmann said he was not doing work on the Russian Bank issue on behalf of any client," the motion said.

He takes the same issue with an alleged conversation he had with other government officials five months after the meeting with Baker: The indictment does not provide the exact words that Sussmann used that were allegedly false, he said.

Second, Sussmann said, he needs to know what particular crime he is being charged with. The indictment charges an affirmative misrepresentation in violation of 18 U.S.C. Section 1001(a)(2) while making "confusing and stray allegations" about omissions that "would ordinarily" lead to a charge of 18 U.S.C. Section 1001(a)(1), Sussmann said.

"This raises serious questions about which specific crime the special counsel intended to charge — a misrepresentation in violation of 18 U.S.C. Section 1001(a)(2) or an omission in violation of 18 U.S.C. Section 1001(a)(1)?" he asked.

Third, the allegations regarding the materiality of the alleged false statement are "vague, imprecise, and inconsistent," he argued, urging the court to have the DOJ explain how the statements were material.

"Suggesting the FBI might have asked more questions, taken other steps, or allocated resources differently, without specifying how or why it would have done so, leaves Mr. Sussmann having to guess about the meaning of the allegations that the special counsel has leveled against him," the bid said.



Finally, Durham conceals the identities of the Clinton campaign officials Sussmann is alleged to have been working for at the time of the allegedly false statements, he said.

"The entire animating theory of the special counsel's indictment is that, in meeting with the FBI and the other government agency, Mr. Sussmann was secretly working on behalf of Hillary Clinton's 2016 campaign for president," Sussmann said. "The special counsel should be required to identify with which agents and representatives of the Clinton campaign Mr. Sussmann was allegedly working so that Mr. Sussmann can adequately prepare his defense."

Sussmann claims his legal team asked Durham to provide this information but that Durham declined. He called the indictment "seriously flawed" and "seriously vulnerable" to a challenge as a matter of law.

Sussmann is represented by Michael Bosworth, Natalie Hardwick Rao and Sean Berkowitz of [Latham & Watkins LLP](#).

The federal government is represented by Andrew DeFilippis and Michael Thomas Keilty of the special counsel's office.

The case is U.S. v. Sussmann, case number [1:21-cr-00582](#), in the [U.S. District Court for the District of Columbia](#).

--Additional reporting by Justin Wise. Editing by Jay Jackson Jr.

**Mark E. Schamel**

Partner

Lowenstein Sandler LLP

T:202.753.3805

M:202.841.3401

F:973.597.2400



---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

**From:** Antonakakis, Manos<manos@gatech.edu>

**Sent on:** Thursday, October 7, 2021 1:26:26 PM

**To:** McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>

**Subject:** FW: Sussman

FYI-

---

**From:** "Schamel, Mark" <MSchamel@lowenstein.com>

**Date:** Thursday, October 7, 2021 at 6:33 AM

**To:** "Jara, Ana" <AJara@lowenstein.com>, "Antonakakis, Manos" <manos@gatech.edu>

**Subject:** Sussman



---

- ACCOUNT

---

- LAW360

---

- PRODUCTS

---

- RANKINGS

---

- SECTIONS

---

- BETA TOOLS

## Sussmann Seeks Clarity On 'Vague,' 'Confusing' Indictment

By [Dave Simpson](#)

---

Share us on:

Law360 (October 6, 2021, 11:10 PM EDT) -- Former [Perkins Coie LLP](#) partner Michael Sussmann asked a D.C. federal court on Wednesday to require the [U.S. Department of Justice](#) to provide more specificity to the "vague" and "confusing" indictment that accuses the cybersecurity expert of lying to the [FBI](#) in the run-up to the 2016 presidential election.

In a motion for a bill of particulars, Sussmann argued that [last month's indictment](#) from special counsel John Durham fails to quote his allegedly false statement or explain how it is material, is unclear as to what crime he is being charged with, and withholds the identities of individuals he is accused of secretly working for.

"While the indictment in this matter is 27 pages long, the majority of the allegations are not relevant to the crime the special counsel has chosen to charge," Sussmann's filing said. "And on that charge, a single alleged false statement, the indictment plainly fails to provide Mr. Sussmann with the detail and clarity that the law requires and that is essential in enabling Mr. Sussmann to prepare his defense."

Sussmann became the second person to face a criminal charge stemming from an investigation Durham has headed since 2019 into the origins of the FBI's investigation into links between the Trump presidential campaign and Russia. Sussmann has [pled not guilty](#).

A grand jury indictment accuses Sussmann of lying to James Baker, the FBI's top lawyer, during a meeting in September 2016 in which he provided information allegedly showing a secret channel between then-presidential candidate Donald Trump's company and a Kremlin-connected bank.

Sussmann said he was providing the information as a "good citizen," according to the indictment. The indictment says he was actually relaying it on behalf of parties including Hillary Clinton's

presidential campaign. It claims the lie was material, in that it had a tendency to influence an FBI decision because it deprived the agency of knowing the "political nature" of his work.

On Wednesday, Sussmann said that the indictment does not state precisely what he is alleged to have said to Baker and that it's not enough for the DOJ to make general allegations as to the substance of the conversation.

"It is particularly critical for Mr. Sussmann to receive notice of the precise false statement being charged given that the statement is unrecorded, five years old, and witnessed by only a single individual who has already disclaimed memory of the statement; and the indictment itself lacks a single consistent theory about even the substance of the false statement, sometimes suggesting that Mr. Sussmann said he was not meeting with the FBI on behalf of any client, while other times claiming that Mr. Sussmann said he was not doing work on the Russian Bank issue on behalf of any client," the motion said.

He takes the same issue with an alleged conversation he had with other government officials five months after the meeting with Baker: The indictment does not provide the exact words that Sussmann used that were allegedly false, he said.

Second, Sussmann said, he needs to know what particular crime he is being charged with. The indictment charges an affirmative misrepresentation in violation of 18 U.S.C. Section 1001(a)(2) while making "confusing and stray allegations" about omissions that "would ordinarily" lead to a charge of 18 U.S.C. Section 1001(a)(1), Sussmann said.

"This raises serious questions about which specific crime the special counsel intended to charge — a misrepresentation in violation of 18 U.S.C. Section 1001(a)(2) or an omission in violation of 18 U.S.C. Section 1001(a)(1)?" he asked.

Third, the allegations regarding the materiality of the alleged false statement are "vague, imprecise, and inconsistent," he argued, urging the court to have the DOJ explain how the statements were material.

"Suggesting the FBI might have asked more questions, taken other steps, or allocated resources differently, without specifying how or why it would have done so, leaves Mr. Sussmann having to guess about the meaning of the allegations that the special counsel has leveled against him," the bid said.

Finally, Durham conceals the identities of the Clinton campaign officials Sussmann is alleged to

have been working for at the time of the allegedly false statements, he said.

"The entire animating theory of the special counsel's indictment is that, in meeting with the FBI and the other government agency, Mr. Sussmann was secretly working on behalf of Hillary Clinton's 2016 campaign for president," Sussmann said. "The special counsel should be required to identify with which agents and representatives of the Clinton campaign Mr. Sussmann was allegedly working so that Mr. Sussmann can adequately prepare his defense."

Sussmann claims his legal team asked Durham to provide this information but that Durham declined. He called the indictment "seriously flawed" and "seriously vulnerable" to a challenge as a matter of law.

Sussmann is represented by Michael Bosworth, Natalie Hardwick Rao and Sean Berkowitz of [Latham & Watkins LLP](#).

The federal government is represented by Andrew DeFilippis and Michael Thomas Keilty of the special counsel's office.

The case is U.S. v. Sussmann, case number [1:21-cr-00582](#), in the [U.S. District Court for the District of Columbia](#).

--Additional reporting by Justin Wise. Editing by Jay Jackson Jr.

**Mark E. Schamel**

Partner

Lowenstein Sandler LLP

T:202.753.3805

M:202.841.3401

F:973.597.2400



---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

**From:** McLaughlin, Steven W<swm@coe.gatech.edu>  
**Sent on:** Friday, August 14, 2020 10:18:16 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>  
**CC:** McLaughlin, Steven W<swm@coe.gatech.edu>  
**Subject:** FW: University Systems of Georgia report on GTRI and GTRC  
**Attachments:** gtri-icl-final-report-8-5-20.pdf (2.35 MB)

All the best

Steve

\*\*\*\*\*

Steve McLaughlin (he/him/his)  
Dean and Southern Company Chair  
College of Engineering  
Georgia Institute of Technology  
Atlanta, GA 30332  
\*\*\*\*\*

---

**From:** McBride, Keith D. <Keith.McBride@gtri.gatech.edu>  
**Date:** Friday, August 14, 2020 at 5:12 PM  
**To:** EAC <eac-dg@gtri.gatech.edu>  
**Cc:** Hudgens, James <James.Hudgens@gtri.gatech.edu>, McBride, Keith D <Keith.McBride@gtri.gatech.edu>  
**Subject:** University Systems of Georgia report on GTRI and GTRC

Dear GTRI EAC member,

I wanted to extend to you the attached report released by USG and GT on Thursday. It can be found at this externally facing Georgia Tech website:

<https://news.gatech.edu/2020/08/12/final-report-review-icl-issued>

In the 2017-18 timeframe several ethics complaints were filed by employees related to GTRI's Information Communications Lab (ICL). In 2019 an initial investigation substantiated some claims of nepotism. The initial report recommended other investigations into claims of make-work and retaliation. These investigations were just released with no substantiated claims of make-work or retaliation. However, there were substantiated claims related to employee behavior. Subsequent to the initial report, claims related to IP royalty payments were made by a subset of the same individuals and some of these claims were substantiated. The link above contains all three investigations in addition to a summary of the initial investigation.

In response to the initial investigation GTRI has been planning and implementing many actions over the past two years. Under Jeff Sitterle's leadership since 2019, ICL is doing very well and will now be able to take some organizational actions that have been on hold until the investigation was resolved.

GTRC (Georgia Tech Research Corporation) is the contracting arm of GT and the entity that processes grants for the GT campus research as well as the > \$600M in federal sponsor contracts for GTRI. This report and President Cabrera's response letter identifies changes in leadership of GTRC and how Intellectual Property (IP) will be handled going forward. Please see the message from Dr. Chaouki Abdallah, GT Executive Vice President for Research (EVPR), sent to the campus leadership.

I'm happy to answer any questions.

Very respectfully,

Jim

Dr. James J. Hudgens (he, him, his)  
Director, Georgia Tech Research Institute  
Senior Vice President, Georgia Institute of Technology  
250 14th Street, N.W.  
Atlanta, Georgia 30332-0801  
470-451-6645 mobile  
404-407-7401 office  
[James.Hudgens@gtri.gatech.edu](mailto:James.Hudgens@gtri.gatech.edu)  
Executive Assistant:

Judy Parks

404-407-7368 office

[Judy.Parks@gtri.gatech.edu](mailto:Judy.Parks@gtri.gatech.edu)

Forwarded message from EVPR, Dr. Chaouki Abdallah

---

Dear Leadership Team Member,

I am writing to make you aware that The University System Office in collaboration with the Georgia Tech administration just completed a formal review of concerns raised regarding the Information and Communications Laboratory (ICL) which operates in the Georgia Tech Research Institute (GTRI). The review addressed challenges raised in 2017 and 2018.

The process identified areas of improvement around organizational effectiveness and workplace culture, which are already being addressed by the relevant units. Changes include personnel actions, modifications in the Institute's intellectual (IP) policy and program, and a review of GTRI's organizational structure.

We are confident that these changes, coupled with the new executive leadership in place since last year and Institute wide programs in the area of ethics and compliance, will strengthen our research enterprise, accelerate its extraordinary growth and amplify its extraordinary impact in areas of strategic national importance and global significance.

I imagine you have interest in the organizational changes. We have also reviewed the structure of the organization that supports IP matters and has proposed management and leadership changes. It is our intent that these changes will support greater transparency, consistency, and proper management of the intellectual property program, including appropriate handling of royalty distributions.

The EVPR and Chief Human Resources Officer have begun implementing these changes with the goal of completing the necessary transitions by August 31, 2020.

- Jilda Garton, Vice President of Research, will transition out of her role on August 28, 2020. We would like to thank Jilda for her years of dedicated service to the Institute.
- Rebecca Caravati will serve as the Interim Vice President while a search is conducted.
- Responsibility for management of the Office of Technology Licensing will be removed from GTRC and will reside within the portfolio of another Vice President within the EVPR's organization.
- The employee providing legal support within the Office of Industry Engagement on GTRC-related matters will now report into the Office of the General Counsel.

Additional changes that have been already implemented include the appointment of two attorneys from the Office of the General Counsel to serve as officers of GTRC. The EVPR and Chief Human Resources Officer together with the Chairman of the GTRC Board will immediately begin implementing these changes with the goal of completing the necessary transitions by August 31, 2020.

In addition, under Jim Hudgen's new leadership, a comprehensive evaluation of GTRI's management and operational structure is currently in progress.

- A senior attorney from Georgia Tech's Office of the General Counsel has been assigned to provide dedicated support to GTRI and to join GTRI's Executive Council.
- An assessment of the ICL was recently completed with the aim of establishing an overall lab vision and organizational changes aligned with areas of growth. The recommendations from the investigation reports will inform our decision-making on proposed organizational changes in this unit, and we will begin implementing those changes during FY21.
- ICL has implemented monthly town hall meetings to facilitate better communication across the lab. We will continue to monitor this unit to ensure that there continues to be positive changes in the workplace culture.

You may see some media coverage about this news. It received a great deal of coverage when it took place, and we know some local media have been interested in the final report. We are sharing the report and our response to it with local media proactively. We will also communicate to the campus community in small group meetings and by way of an article in the Daily Digest.

If you would like more details about any of these resolutions or organizational changes, please reach out to me directly.

Chaouki T. Abdallah

Professor of Electrical & Computer Engineering

Executive Vice President for Research

**Georgia Institute of Technology**

**225 North Avenue**

**Atlanta, GA 30332-0325**

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Wednesday, July 14, 2021 1:20:42 AM  
**To:** Nie, Ling-Ling<linglingnie@gatech.edu>  
**CC:** Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Subject:** Fwd: ACTION: Request for POC information by COB 15 July

Ling-Ling, there is an unusual IP discussion for one of programs I run and as you can see from the inline message there needs to be a person from Legal involved.

Any ideas who that might be? Do we have someone in your team or should I talk with OSP?

This is a very unusual request as IP issues are negotiated before the contracts are signed and not a year after the program has started.

Thanks, Manos

**From:** Reyes, Kristine D CIV USN NIWC PACIFIC CA (USA) <kristine.d.reyes.civ@us.navy.mil>  
**Sent:** Tuesday, July 13, 2021 19:57  
**To:** astavrou@kryptowire.com; carolyn.talcott@sri.com; dshur@perspectalabs.com; Antonakakis, Manos; kline@isi.edu; rinard@csail.mit.edu; p.krishnan@caci.com; sbeitzel@perspectalabs.com  
**Cc:** Evans, Douglass C CIV USN NIWC PACIFIC CA (USA); neil.hoff@navy.mil; ryan.r.mcallister1; kymberlee.boisvert@navy.mil; andy.leidy  
**Subject:** ACTION: Request for POC information by COB 15 July

Good afternoon TA Performers,

Our goal is to schedule a forum with your respective Legal Counsels where OPS-5G Performers can discuss Intellectual Property issues related to their LF involvement. We are targeting a tentative date of either 28 or 29 July. Request each Performer provide their Legal Counsel POC by COB Thursday 15 July so we can coordinate a meeting invite.

Very respectfully,

Kristine Reyes

NIWC PAC Code 55331

Mobile: (619) 850-4220

[Kristine.d.reyes.civ@us.navy.mil](mailto:kristine.d.reyes.civ@us.navy.mil)

\*This email is not authored by a Contracting Officer. A Contracting Officer is the only Government representative with the authority to enter into an agreement or contract with the contractor or vendor or make changes, modifications, amendments, revisions or other alterations to the existing terms of a contract. If you have questions about the authority of any Government representative you should immediately bring such questions to the Contracting Officer and should not take any actions prior to having your questions fully resolved. Acting on unauthorized or improperly authorized changes, modifications, amendments, revisions or other alterations may result in delayed or denied payment relating to contract performance. The authority for actions by a Contracting Officers and Contracting Officer's Representative (COR) can be found under Federal Acquisition Regulations 1.602, 1.603 and 1-604.



**From:** Manos Antonakakis<manos@gatech.edu>  
**Sent on:** Tuesday, September 8, 2020 2:53:51 PM  
**To:** Steve McLaughlin<swm@coe.gatech.edu>  
**CC:** Abdallah, Chaouki T<ctabdallah@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Nie, Ling-Ling<linglingnie@gatech.edu>; Wasch, Kate<kate.wasch@legal.gatech.edu>; Egerstedt, Magnus<magnus.egerstedt@ece.gatech.edu>  
**BCC:** Manos Antonakakis<manos@gatech.edu>  
**Subject:** Fwd: Active DNS Project / election cyberattacks  
**Attachments:** signature.asc (201 Bytes)

Hey Steve,

This just came in. Perhaps we should get on a call with legal and discuss this request from the press?

Thanks, Manos

Begin forwarded message:

**From:** Eric Geller <[egeller@politico.com](mailto:egeller@politico.com)>  
**Subject:** **Active DNS Project / election cyberattacks**  
**Date:** September 8, 2020 at 10:29:27 AM EDT  
**To:** "[manos@gatech.edu](mailto:manos@gatech.edu)" <[manos@gatech.edu](mailto:manos@gatech.edu)>

Dear Professor Antonakakis,

My name is Eric Geller and I am a cybersecurity reporter at Politico. I've heard that the Active DNS Project has really extensive capabilities for tracking malicious behavior and that you've seen some interesting activity on/against election infrastructure. Would you be willing to talk to me off the record (meaning it would stay between us) about what you're seeing in this election cycle?

—

Eric Geller  
Cybersecurity Reporter  
**POLITICO**  
Cell: (301) 547-6954  
Desk: (703) 647-8571  
Twitter: @ericgeller

**From:** Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Sent on:** Thursday, April 8, 2021 12:09:18 AM  
**To:** Antonakakis, Manos<manos@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Fwd: Kevin Keough, Class of 1981

Manors/Angelos,

I hope all is well with the two of you. Please see the message below and tell me if it is something you like to pursue or suggest someone who might.

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
Georgia Institute of Technology  
Begin forwarded message:

**From:** "Keough, Kevin" <Kevin.Keough@netscout.com>  
**Date:** April 7, 2021 at 16:52:01 EDT  
**To:** "Abdallah, Chaouki T" <ctabdallah@gatech.edu>  
**Subject:** **Kevin Keough, Class of 1981**

Hello Dr. Abdallah,  
I am Kevin Keough, Georgia Tech BEE class of 1981.  
I hope you can help me. I am the Senior Vice President of Netscout Systems,  
<https://www.netscout.com>, NASDAQ: NTCT.  
We focus on real-time cyber security and service assurance of larger enterprise and communication service provider networks worldwide.  
Our software application solutions are usually based on the hardware capture and processing of raw packets traversing these networks.  
I would appreciate you referring me to one, or more, of your faculty that is familiar with this level of packet collection.  
I am researching new areas and would be very grateful to briefly discuss these areas with the appropriate people.  
Thank you and, to Hell with Georgia!  
Kevin Keough  
Senior Vice President  
Netscout Systems

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Monday, June 29, 2020 7:57:57 PM  
**To:** Wasch, Kate<kate.wasch@legal.gatech.edu>; Nie, Ling-Ling<linglingnie@gatech.edu>  
**CC:** Connolly, Robert<robert.connolly@police.gatech.edu>  
**Subject:** Fwd: Possible Interview

Just an FYI-

I have no idea what to make of this. This is bizarre.

Begin forwarded message:

**From:** "Fuhrman, Timothy J. (MO) (FBI)" <[TJFUHRMAN@fbi.gov](mailto:TJFUHRMAN@fbi.gov)>  
**Subject: RE: Possible Interview**  
**Date:** June 29, 2020 at 2:24:55 PM EDT  
**To:** "Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)>

I appreciate your prompt response, Professor.

-----Original Message-----

From: Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
Sent: Monday, June 29, 2020 12:38 PM  
To: Fuhrman, Timothy J. (MO) (FBI) <[TJFUHRMAN@fbi.gov](mailto:TJFUHRMAN@fbi.gov)>  
Cc: Connolly, Robert <[robert.connolly@police.gatech.edu](mailto:robert.connolly@police.gatech.edu)>; Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Nie, Ling-Ling <[linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)>  
Subject: Re: Possible Interview

Thank you for your email, Tim. At this time I am not interested in participating in this interview.

Best regards,

Manos

On Jun 29, 2020, at 12:58 PM, Fuhrman, Timothy J. (MO) (FBI) <[TJFUHRMAN@fbi.gov](mailto:TJFUHRMAN@fbi.gov)> wrote:

Professor Antonakakis- I am forwarding an email I sent this morning to David Dagon regarding the matter we discussed several months ago. As it is possible that we may need to interview as part of our work, I wanted to also bring this matter to your attention. I would ask that you kindly contact me at one of the numbers listed in the attached email so that we may discuss arranging a possible interview of you also. Thank you in advance for your cooperation. Timothy Fuhrman, Investigator, DOJ

---

From: Fuhrman, Timothy J. (MO) (FBI)  
Sent: Monday, June 29, 2020 11:49 AM  
To: [REDACTED]  
Subject: Possible Interview

Mr. Dagon- as you may recall, I contacted you several months ago on behalf of the US Department of Justice (DOJ). At that time you indicated that you did not believe either Georgia Tech or the Department of Defense (DOD) entity funding your research would authorize you to be interviewed about the matters that are of interest to us. After numerous discussions with the DOD entity and Georgia Tech's Office of General Counsel, we have been advised that neither organization objects to an interview of you as part of our work. As I mentioned to you previously, our investigation has found that you have knowledge relevant to it. To that end, we believe that you are a witness who can provide valuable information to advance our investigation.

I would ask that you kindly contact me at 202-532-3557 (Cell); 202-6161470 (DC Office); or 251-415-3298 (Temporary office in Mobile, AL) so that we can schedule an interview with you. Thank you in advance for your cooperation.

Timothy Fuhrman, Investigator, DOJ

**From:** Keromytis, Angelos D<angelos@gatech.edu>  
**Sent on:** Monday, August 17, 2020 6:39:35 PM  
**To:** Egerstedt, Magnus<magnus.egerstedt@ece.gatech.edu>; McLaughlin, Steven W<swm@coe.gatech.edu>  
**CC:** Antonakakis, Manos<manos@gatech.edu>  
**Subject:** Fwd: SSP for Royal

This exercise in risk avoidance between OIT and GTRI is about as funny as it gets — and all about a piece of paper that, however they label it, says that our systems are secure enough :-)

This illustrates why we really need to be able to do classified projects (as ROYAL is) on the RI side...  
-Angelos

PS. You don't need to do anything for the specific matter, it will resolve itself.

Begin forwarded message:

**From:** "Burke, Roberta" <[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>  
**Subject: RE: SSP for Royal**  
**Date:** August 17, 2020 at 1:33:34 PM EDT  
**To:** "'Smith, Kyle L'" <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>, "Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Cc:** "Keromytis, Angelos D" <[angelos@gatech.edu](mailto:angelos@gatech.edu)>, "Cyber Security Compliance Team" <[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>, "Caravati, Rebecca" <[Rebecca.Caravati@osp.gatech.edu](mailto:Rebecca.Caravati@osp.gatech.edu)>, "Penn, Blake C" <[blake.penn@security.gatech.edu](mailto:blake.penn@security.gatech.edu)>, "Blake, Leon M" <[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)>

Hi Kyle,

I've consulted with Rebecca; we believe this is an OIT decision.

Best Regards,

Roberta Burke, MBA, CPCM, CRA  
Director, GTRI Contracts Administration  
Office of Sponsored Programs  
Georgia Institute of Technology  
Office Phone: 404-385-2082  
Office Cell: 404-360-0387

-----Original Message-----

From: Smith, Kyle L [<mailto:kyle.smith@security.gatech.edu>]  
Sent: Monday, August 17, 2020 9:47 AM  
To: Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>; Burke, Roberta <[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>  
Cc: Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)>; Cyber Security Compliance Team <[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Caravati, Rebecca <[Rebecca.Caravati@osp.gatech.edu](mailto:Rebecca.Caravati@osp.gatech.edu)>; Penn, Blake C <[blake.penn@security.gatech.edu](mailto:blake.penn@security.gatech.edu)>; Blake, Leon M <[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)>

Subject: RE: SSP for Royal

Thank you Dr. Antonakakis!

Hi Roberta!

If OSP is okay with proceeding with the Astrolavos lab-wide signed by Dr. Antonakakis, the SSP and ROC attached are the most current iterations and the ROC was assessed compliant to NIST 800-171.

Thanks!

Kyle

-----Original Message-----

From: Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

Sent: Monday, August 17, 2020 9:27 AM

To: Smith, Kyle L <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>

Cc: Burke, Roberta B <[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>; Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)>; Cyber Security Compliance Team <[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Caravati, Rebecca V <[Rebecca.Caravati@osp.gatech.edu](mailto:Rebecca.Caravati@osp.gatech.edu)>; Penn, Blake C <[blake.penn@security.gatech.edu](mailto:blake.penn@security.gatech.edu)>

Subject: Re: SSP for Royal

Kyle, I am OK with this, yes.

Thanks, Manos

On Aug 17, 2020, at 7:26 AM, Smith, Kyle L <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)> wrote:

Hi Roberta!

In terms of the Cyber Security side of the SSP and ROC, it sounds like the Lab-Wide SSP for the Astrolavos lab will cover the systems and personnel for the project. The main concern is that Dr. Antonakakis is listed as the PI on that lab-wide and is the signatory of the document. If he is okay with his signature covering this effort, then we're good with this from a Cyber Security standpoint.

We brought the point up about OSP making the decision on the process of covering the project under this lab-wide because OSP has made the calls in the past to confirm whether projects can be covered under a lab-wide, or whether projects should be split into individual SSPs. However, if you're okay with the lab-wide for Astrolavos being used in this case, we are as well.

Dr. Antonakakis, are you okay with your signature covering this effort?

Thanks!

Kyle

-----Original Message-----

From: Burke, Roberta <[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>

Sent: Friday, August 14, 2020 4:46 PM

To: Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)>; Smith, Kyle L <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>

Cc: Arnold, Paul <[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)>; Blake, Leon M <[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)>; Pavadore, Anita M <[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)>; Cyber Security Compliance Team <[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Roberts, Christopher M <[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)>; Caravati, Rebecca V <[Rebecca.Caravati@osp.gatech.edu](mailto:Rebecca.Caravati@osp.gatech.edu)>

Subject: RE: SSP for Royal

Hi Kyle,

I would like to assist, but it's entirely OIT's decision as to whether a lab-wide SSP or project level SSP is required to adequately protect any CUI being generated, transmitted or stored on the IT system.

Best Regards,

Roberta Burke, MBA, CPCM, CRA  
Director, GTRI Contracts Administration Office of Sponsored Programs  
Georgia Institute of Technology Office Phone: 404-385-2082 Office  
Cell: 404-360-0387

-----Original Message-----

From: Keromytis, Angelos D [<mailto:angelos@gatech.edu>]

Sent: Thursday, August 13, 2020 4:42 PM

To: Smith, Kyle L <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>

Cc: Burke, Roberta <[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>; Arnold, Paul <[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)>; Blake, Leon M <[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)>; Pavadore, Anita H. <[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)>; Cyber Security Compliance Team <[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Barney, Diane <[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)>; Roberts, Chris M. <[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)>; Yarbrough, Lucy <[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)>

Subject: Re: SSP for Royal

Kyle,

To your last question: no, I'd like to keep everything as is — after all, I may have need for Manos' technical skills in this project at some point.

Thanks!

-Angelos

On Aug 13, 2020, at 4:37 PM, Smith, Kyle L <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)> wrote:

Hi Dr. Keromytis!

If you're okay with it, the better option in this place to keep the process clean would be to have this project where you

are the PI with its own SSP unless Dr. Antonakakis will also be acting in a PI capacity. Generally when we've had lab-wide SSPs, it's been to cover collections of projects with the same PI, personnel, and equipment. For example, ASDL has a single PI that is over all projects and then CO-PIs associated with individual projects, and the SSP covers about 100 users and 100 systems.

I would like to step back however and defer to OSP, as they make the ultimate decision on SSPs and what is acceptable from situation to situation. Roberta, as Dr. Antonakakis is the PI on the Lab-Wide SSP, can you please confirm if OSP would prefer to see a Project-Based SSP based on what's been discussed or if the Lab-Wide is acceptable even though the PI is different?

If we go the route of a project SSP, the equipment listed in the Astrolavos lab also includes Dr. Antonakakis' Mac in his office as part of the scope. Is it safe to remove that system for the project SSP? Are there any other systems on the SSP for the Astrolavos lab that should be removed in this case?

Thanks!  
Kyle Smith

-----Original Message-----

From: Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)>  
Sent: Thursday, August 13, 2020 4:16 PM  
To: Smith, Kyle L <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>  
Cc: Arnold, Paul <[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)>; Blake, Leon M <[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)>; Burke, Roberta B <[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>; Pavadore, Anita M <[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)>; Cyber Security Compliance Team <[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Barney, Diane J <[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)>; Roberts, Christopher M <[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)>; Yarbrough, Lucy K <[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)>  
Subject: Re: SSP for Royal

I'm not sure I understand why this cannot be done under the existing Lab-wide SSP...all systems and personnel for this project are a subset of the lab systems and personnel. If we have a plan to protect CUI across the lab, what is the point (or value) of doing one just for the project?

Alternatively, you could create a second Lab-wide SSP, cloning everything but naming me as the PI — after all, Manos and I are co-directors. I'm sure you've run into labs/centers that have more than one directors?  
-Angelos



On Aug 13, 2020, at 2:52 PM, Smith, Kyle L <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)> wrote:

Hello!

If Dr. Keromytis is the PI on our side for this effort, we'll need a Project Specific SSP. We have more info on this page, <https://cui.gatech.edu/gt-standard-system-security-plan/>, and the requirements for the Lab-Wide include:

- The Principal Investigator is the same across multiple projects.
- Personnel working on all projects and equipment used on all projects in the environment are accounted for.
- Personnel working in the environment are authorized to work on all projects in the environment covered by the SSP.

As Dr. Antonakakis is the PI on the Lab-Wide, we'll need to account for Dr. Keromytis being the PI in this case with a project-based SSP. However, what will speed up the process is if all of the systems and personnel on Dr. Keromytis' project are on this SSP, as we'll be able to copy the information over from the SSP and Report on Compliance from there.

Please let me know if there are any other questions I can assist with and I'll be happy to help!

Thanks!  
Kyle

From: Arnold, Paul <[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)>  
Sent: Thursday, August 13, 2020 2:42 PM  
To: Blake, Leon M <[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)>; Smith, Kyle L <[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>; Burke, Roberta B <[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>; Keromytis, Angelos D <[angelos@gatech.edu](mailto:angelos@gatech.edu)>  
Cc: Pavadore, Anita M <[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)>; Cyber Security Compliance Team <

[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Barney,  
Diane J <[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)>;  
Roberts, Christopher M  
<[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)>;  
Yarbrough, Lucy K  
<[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)>  
Subject: RE: SSP for Royal

Adding Angelos

Leon/Kyle –

Will the attached SSP work for Royal?

Angelos – can you confirm the equipment  
and users listed will also suffice for Royal?

Thanks Everyone.

Paul

From: Blake, Leon M <  
[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)>  
Sent: Wednesday, August 12, 2020 4:03 PM  
To: Arnold, Paul <  
[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)>; Smith, Kyle L  
<[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>; Burke,  
Roberta  
<[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>  
Cc: Pavadore, Anita H. <  
[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)>; Cyber  
Security Compliance Team <  
[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Barney,  
Diane <[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)>;  
Roberts, Chris M.  
<[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)>;  
Yarbrough, Lucy  
<[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)>  
Subject: RE: SSP for Royal

Hi Everyone,

Can you please provide an update on the  
discovery documents and your availability  
for a kick-off?

Cordially,  
Lee

Leon Blake

Info Security Regulatory Compliance Sr  
Cyber Security Georgia  
Institute of Technology

From: Blake, Leon M  
Sent: Wednesday, August 5, 2020 1:05 PM  
To: Arnold, Paul <[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)>; Smith, Kyle L  
<[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>; Burke,  
Roberta B  
<[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>  
Cc: Pavadore, Anita M <[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)>; Cyber  
Security Compliance Team <  
[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Barney,  
Diane J <[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)>;  
Roberts, Christopher M  
<[Chris.roberts@gtri.gatech.edu](mailto:Chris.roberts@gtri.gatech.edu)>; Yarbrough,  
Lucy K  
<[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)>  
Subject: RE: SSP for Royal

Hi Everyone,

Congrats on your project! Please complete the attached discovery documentation for your project and send the documents back to me at your earliest convenience. Once the completed discovery documents are received, I would like to schedule a kick-off meeting for this project. The meeting's purpose is to map your responses on the discovery documentation to the controls of NIST 800-171 and draft a System Security Plan (SSP). The meeting will also provide time for us to answer any questions about the DFARS compliance process that you may have. Can you please provide some times and a location that work best for you?

More information about the process can be found here: [cui.gatech.edu](http://cui.gatech.edu)

Should you have any questions or concerns, please don't hesitate to ask. We look forward to working with you through this process.

Cordially,  
Lee

Leon Blake  
Info Security Regulatory Compliance Sr  
Cyber Security Georgia  
Institute of Technology

From: Arnold, Paul <  
[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)>  
Sent: Wednesday, August 5, 2020 9:42 AM  
To: Smith, Kyle L <  
[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>; Burke,  
Roberta B  
<[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>; Blake,  
Leon M  
<[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)>  
Cc: Pavadore, Anita M <  
[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)>; Cyber  
Security Compliance Team <  
[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Barney,  
Diane J <[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)>;  
Roberts, Christopher M  
<[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)>;  
Yarbrough, Lucy K  
<[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)>  
Subject: RE: SSP for Royal

Hey Kyle/Leon –

Thanks for helping with the SSP. Professor  
Keromytis will use GT equipment for Royal.  
Can you provide a rough estimate on when  
the SSP could be completed?

Thanks again!

Paul

From: Smith, Kyle L <  
[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>  
Sent: Friday, July 31, 2020 9:41 AM  
To: Burke, Roberta <  
[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>; Arnold,  
Paul  
<[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)>; Blake, Leon  
M  
<[leon.blake@security.gatech.edu](mailto:leon.blake@security.gatech.edu)>  
Cc: Pavadore, Anita H. <  
[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)>; Cyber  
Security Compliance Team <

[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Barney,  
Diane <[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)>;  
Roberts, Chris M.  
<[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)>;  
Yarbrough, Lucy  
<[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)>  
Subject: RE: SSP for Royal

Hello everyone!

To add to the below – My colleague Leon  
Blake will be assisting from here with this  
SSP. Please let us know if you have any  
questions and we'll be happy to help!

Thanks!  
Kyle

From: Smith, Kyle L  
Sent: Friday, July 31, 2020 7:35 AM  
To: Burke, Roberta <  
[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>; Arnold,  
Paul  
<[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)>  
Cc: Pavadore, Anita M <  
[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)>; Cyber  
Security Compliance Team <  
[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Barney,  
Diane J <[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)>;  
Roberts, Christopher M  
<[Chris.roberts@gtri.gatech.edu](mailto:Chris.roberts@gtri.gatech.edu)>; Yarbrough,  
Lucy K  
<[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)>  
Subject: RE: SSP for Royal

Hi Roberta!

Noted!

Hi Paul!

Will Professor Keromytis be allocated GTRI  
equipment and resources for this effort, or  
will he be using Georgia Tech campus  
resources?

Thanks!  
Kyle

From: Burke, Roberta <  
[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>  
Sent: Thursday, July 30, 2020 5:10 PM  
To: Yarbrough, Lucy K <

[Lucy.Yarbrough@osp.gatech.edu](mailto:Lucy.Yarbrough@osp.gatech.edu)>; Roberts,  
Christopher M <  
[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)>; Smith, Kyle  
L  
<[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>; Arnold,  
Paul  
<[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)>  
Cc: Pavadore, Anita M <  
[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)>; Cyber  
Security Compliance Team <  
[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Barney,  
Diane J <[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)>  
Subject: RE: SSP for Royal

Hi Kyle,

We received notice of the pending award,  
but I have not received any contractual  
documents, or even discussed the  
requirements with the PD, so I can't confirm  
whether it's a full blown SSP or FRE SSP.

Absent an FRE carve-out, it would require a  
full SSP. So it would be advisable to begin  
the process.

Best Regards,

Roberta Burke, MBA, CPCM, CRA  
Director, GTRI Contracts Administration  
Office of Sponsored Programs  
Georgia Institute of Technology Office  
Phone: 404-385-2082 Office  
Cell: 404-360-0387

From: Yarbrough, Lucy  
Sent: Thursday, July 30, 2020 4:18 PM  
To: Roberts, Chris M. <  
[Chris.Roberts@gtri.gatech.edu](mailto:Chris.Roberts@gtri.gatech.edu)>; 'Smith, Kyle  
L'  
<[kyle.smith@security.gatech.edu](mailto:kyle.smith@security.gatech.edu)>; Arnold,  
Paul  
<[paul.arnold@gtri.gatech.edu](mailto:paul.arnold@gtri.gatech.edu)>; Burke,  
Roberta  
<[Roberta.Burke@osp.gatech.edu](mailto:Roberta.Burke@osp.gatech.edu)>  
Cc: Pavadore, Anita H. <  
[anita.pavadore@gtri.gatech.edu](mailto:anita.pavadore@gtri.gatech.edu)>; Cyber  
Security Compliance Team <  
[compliance@security.gatech.edu](mailto:compliance@security.gatech.edu)>; Barney,  
Diane <[diane.barney@osp.gatech.edu](mailto:diane.barney@osp.gatech.edu)>  
Subject: RE: SSP for Royal

Roberta,

I am sending this to you since you were not on the initial e-mail. I understand Anita and Chris have discussed with you.

Lucy

LUCY K. YARBROUGH  
Contracting Officer  
Office of Sponsor Programs  
Georgia Institute of Technology  
926 Dalney Street, N.W.  
Atlanta, GA 30332-0415  
[Email: lucy.yarbrough@osp.gatech.edu](mailto:lucy.yarbrough@osp.gatech.edu)

Phone: 404-385-2084 \*\*please leave voice message\*\*  
Cell: 470-925-6816  
FAX: 404-385-0864/5945  
From: Roberts, Chris M.  
Sent: Thursday, July 30, 2020 4:09 PM  
To: Yarbrough, Lucy  
<Lucy.Yarbrough@osp.gatech.edu>; 'Smith, Kyle L'  
<kyle.smith@security.gatech.edu>; Arnold, Paul  
<paul.arnold@gtri.gatech.edu>  
Cc: Pavadore, Anita H.  
<anita.pavadore@gtri.gatech.edu>; Cyber Security Compliance Team  
<compliance@security.gatech.edu>; Barney, Diane <diane.barney@osp.gatech.edu>  
Subject: Re: SSP for Royal

This is for Darpa-Royal. Roberta Burke is read into this project.

Thank you,

Chris M. Roberts  
Techniques Branch Chief  
Georgia Tech Research Institute  
CIPHER | Techniques Branch  
404.407.8378 (office)  
404.844.8236 (cell)

From: "Yarbrough, Lucy"  
<Lucy.Yarbrough@osp.gatech.edu>  
Date: Thursday, July 30, 2020 at 3:59 PM  
To: "'Smith, Kyle L'"  
<kyle.smith@security.gatech.edu>, "Arnold, Paul"  
<paul.arnold@gtri.gatech.edu>

Cc: "Roberts, Chris M."  
<Chris.Roberts@gtri.gatech.edu>,  
"Pavadore,  
Anita H." <anita.pavadore@gtri.gatech.edu>,  
Cyber Security  
Compliance Team  
<compliance@security.gatech.edu>,  
"Barney, Diane"  
<diane.barney@osp.gatech.edu>  
Subject: RE: SSP for Royal

Paul,

Which project?

Lucy  
Paul,

Which project?

LUCY K. YARBROUGH  
Contracting Officer  
Office of Sponsor Programs  
Georgia Institute of Technology  
926 Dalney Street, N.W.  
Atlanta, GA 30332-0415  
Email: lucy.yarbrough@osp.gatech.edu  
Phone: 404-385-2084 \*\*please leave voice  
message\*\*  
Cell: 470-925-6816  
FAX: 404-385-0864/5945

From: Smith, Kyle L  
[mailto:kyle.smith@security.gatech.edu]  
Sent: Thursday, July 30, 2020 1:55 PM  
To: Arnold, Paul  
<paul.arnold@gtri.gatech.edu>  
Cc: Roberts, Chris M.  
<Chris.Roberts@gtri.gatech.edu>; Pavadore,  
Anita H. <anita.pavadore@gtri.gatech.edu>;  
Cyber Security Compliance  
Team <compliance@security.gatech.edu>;  
Barney, Diane  
<diane.barney@osp.gatech.edu>;  
Yarbrough, Lucy  
<Lucy.Yarbrough@osp.gatech.edu>  
Subject: RE: SSP for Royal

Hello Paul!

We'll be happy to help - Has OSP been  
engaged? They have a carveout in their



process for Interdivisional Transfers that they check in on first, which we've listed on our CUI page here: <https://cui.gatech.edu/osp-dfars-process>. I've included Diane Barney and Lucy Yarbrough on this message to get their input before proceeding as they have been our primary contacts for GTRI Divisional Transfers.

Thanks!

Kyle

System Security Plans (SSPs) for all interdivisional transfers to RI on GTARC/GTRI contracts containing the 7012 or other similar clause:

1. If the RI work is critical to the GTARC/GTRI statement of work, the contract will not be accepted and executed prior to the completion and approval of an SSP and ROC. Critical is defined as necessary to the overall statement of work with no alternative approach other than participation by the RI faculty member(s) in RI facilities using RI equipment and systems.
2. If the RI work is not critical to the GTARC/GTRI statement of work, the contract may be executed; however, no budgeted funds may be transferred from GTRI to RI as an interdivisional transfer until the SSP and ROC are completed and approved. The GTRI PI should write a one page memo explaining how the work would be accomplished without the interdivisional transfer in the event the PI on the proposed RI sub-budget fails to obtain an approved SSP. The memo should be uploaded with the proposal budget and approved by both the lab director and the appropriate deputy director.
3. In the event the proposal is submitted using a GTARC/GTRI contract vehicle with unilateral acceptance, the SSP and ROC must be completed prior to submission of the proposal or the PI should write a memo as described in item two above. No budgeted funds may be transferred from GTRI to RI until the SSP and ROC are completed and approved.

Please note that if the work is to be performed by an RI faculty member in GTRI facilities using GTRI equipment and systems, the RI faculty member should be placed on a shared appointment to GTRI and GTRI

indirect rates must be applied to the effort.  
No interdivisional transfer is necessary and  
an RI SSP is not required.

From: Arnold, Paul  
<paul.arnold@gtri.gatech.edu>  
Sent: Thursday, July 30, 2020 1:48 PM  
To: Smith, Kyle L  
<kyle.smith@security.gatech.edu>  
Cc: Roberts, Christopher M  
<Chris.Roberts@gtri.gatech.edu>;  
Pavadore, Anita M  
<anita.pavadore@gtri.gatech.edu>  
Subject: SSP for Royal

Hey Kyle,

GTRI will start a new research project called  
Royal ~ Oct 2020. We will be working with  
Campus and Professor Angelos Keromytis in  
ECE.

We need a System Security Plan (SSP) to  
deliver to our Sponsor (DARPA). Additionally,  
I understand we'll need a Report on  
Compliance (ROC).

Can you help us with these documents or  
point me to the right person? Thanks Kyle.

Best,

Paul

Paul J. Arnold  
Associate Division Chief, Network  
Vulnerability Division  
Cybersecurity, Information Protection, and  
Hardware Evaluation  
Research (CIPHER) Laboratory Georgia Tech  
Research Institute  
Work: 404.407.8418  
Mobile: 858.335.4303

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Monday, August 24, 2020 5:02:41 PM  
**To:** McLaughlin, Steven W<swm@coe.gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>; Egerstedt, Magnus<magnus.egerstedt@ece.gatech.edu>  
**CC:** Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Fwd: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Steve/Chaouki, I do not need you to do anything. I am just trying to get OSP to work with us on this.

While it is sad that I have to name-drop you in this email, but your names might just help us get some answers.

Thanks,

Manos

Begin forwarded message:

**From:** "Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Subject:** **Re: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse**  
**Date:** August 24, 2020 at 11:56:45 AM EDT  
**To:** "Mitchell, Michael F" <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>  
**Cc:** "Sibble, Dan J" <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>, "Jackson, Timothy S" <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>, "Pilcher, Steven L" <[Steve.Pilcher@osp.gatech.edu](mailto:Steve.Pilcher@osp.gatech.edu)>, "Egerstedt, Magnus" <[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>, "Melkote, Siri G" <[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)>, "Butler, Angel D" <[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>, "Custodio, Victoria N" <[victoria.custodio@osp.gatech.edu](mailto:victoria.custodio@osp.gatech.edu)>, "McLaughlin, Steven W" <[swm@coe.gatech.edu](mailto:swm@coe.gatech.edu)>, "Abdallah, Chaouki T" <[ctabdallah@gatech.edu](mailto:ctabdallah@gatech.edu)>

Thanks Michael for the update. There is a major event (Hackathon) in November that I will need Roberto's help with. Our success in this Hackathon will secure our funding for Phase III of the HACCS project (next 18 months). We need these funds for many obvious reasons, some of which are, so we will not have to terminate the GRAs from our F1 international students.

This has been dragging on and on for many months. If Roberto (as UGA) is not under contract by October, then I will have to step in, and that will impact greatly (in a pure negative sense) a number of new funding activities I am working on.

I need a hard deadline for this so I can mitigate the risk. Can someone give me that? If we cannot do it, I need to explicitly know why this cannot be done, why we have not been informed about it sooner (so I can plan accordingly) and I would like to see the exact policies in places that blocks us from doing this sub contract with UGA (given the fact that Roberto is an expert on this project and part of it for the last two years).

A non-trivial amount of time was spent to fix HACCS, not only from me but from people in this thread. My reputation as a researcher and PI is on the line. Not intending to fail in the eyes of the sponsor without having a clear understanding who's fault this is internally at GT.

Steve, Chaouki; this is just an FYI-

Thanks,

Manos

On Aug 24, 2020, at 11:42 AM, Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)> wrote:

Manos,

I am working with Tim, Dan, and Steve to get this done. The last document they need is the justification for selection and price reasonableness. I know that seems strange given that this is really more of a project continuation than a “new” subaward, but it is important for the contract auditors on this project.

I will have this to them in a few moments and Tim has promised to make this a priority as soon as it goes through. Dan has promised to work out the issues with his contracting counterpart with the sponsor as well. Ideally this shouldn't take longer than a few days, but there are lots of moving parts.

I have spoken to Roberto and he is very sympathetic and understanding and has been very helpful, and is aware of the delays. Going forward I think we have a resolution in place for this to avoid this issue for any other subagreements.

Michael

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>

**Sent:** Monday, August 24, 2020 11:31 AM

**To:** Sibble, Dan J <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>

**Cc:** Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Jackson, Timothy S <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>; Pilcher, Steven L <[Steve.Pilcher@osp.gatech.edu](mailto:Steve.Pilcher@osp.gatech.edu)>; Egerstedt, Magnus <[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>; Melkote, Siri G <[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)>; Butler, Angel D <[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>; Custodio, Victoria N <[victoria.custodio@osp.gatech.edu](mailto:victoria.custodio@osp.gatech.edu)>

**Subject:** Re: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Can I please get an update on this? When this will be done?

Manos

On Aug 18, 2020, at 8:00 PM, Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)> wrote:

Michael, et al,

I will need the documents referenced by Tim (cost/price analysis and adequate selection memo) as soon as completed. These docs are necessary for the consent review/evaluation.

Thanks,

Dan

**Dan Sibble**

**Contracting Officer**

Office of Sponsored Programs

Georgia Institute of Technology

**926 Dalney Street, N.W.**

**Atlanta, GA 30318**

**Office: 404-894-6947**

**Mobile: 404-987-6809**

---

**From:** Jackson, Timothy

**Sent:** Tuesday, August 18, 2020 6:04 PM

**To:** Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>;

Pilcher, Steve <[Steve.Pilcher@osp.gatech.edu](mailto:Steve.Pilcher@osp.gatech.edu)>; Sibble, Dan <

[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>

**Cc:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>; Egerstedt, Magnus

<[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>; Melkote, Siri G <[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)>; Butler, Angel <[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>; Custodio, Victoria <[victoria.custodio@osp.gatech.edu](mailto:victoria.custodio@osp.gatech.edu)>

**Subject:**RE: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Good Evening All,

I will more than likely process this award when it is finally submitted in CIS. The past effort (D8553-S2) with Dr. Perdisci that Michael and I worked on was cancelled due to various issues. It seems that those issues have all been resolved on the current effort. Are these related? Michael, the process is identical to the last time when you and I worked together to get the sub award process going. You will need to submit a formal sub request that has a completed cost/price analysis and adequate selection memo along with the documents you have already provided. When you complete the submission, send me an email and I will grab it immediately. Looks like we are already working on the consent but we need the price/cost analysis among a few other certs to send over. Much of this will be provided once you submit a request in CIS. Thanks.

**Respectfully,**

**Timothy Jackson**|Contracting Officer-Subcontracts

Office of Sponsored Programs|Georgia Institute of Technology -GTRI

926 Dalney Street, NW Atlanta, GA

Office: 404.894.6954 or Cell: 404.710.0483|Fax: 404.385.0864|

<image001.jpg>

---

**From:**Mitchell, Michael F

**Sent:**Monday, August 17, 2020 3:50 PM

**To:**Pilcher, Steve; Sibble, Dan

**Cc:**Jackson, Timothy; Antonakakis, Manos; Egerstedt, Magnus; Melkote, Siri G; Butler, Angel; Custodio, Victoria

**Subject:**RE: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Hey Steve & Dan,

Attached are the budget justification, Budget, and SOW. What else do we need?

M

---

**From:**Pilcher, Steve <[Steve.Pilcher@osp.gatech.edu](mailto:Steve.Pilcher@osp.gatech.edu)>

**Sent:**Monday, August 17, 2020 3:47 PM

**To:**Sibble, Dan J <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>; Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>

**Cc:**Jackson, Timothy S <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>; Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>; Egerstedt, Magnus <[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>; Melkote, Siri G <[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)>; Butler, Angel D <[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>; Custodio, Victoria N <[victoria.custodio@osp.gatech.edu](mailto:victoria.custodio@osp.gatech.edu)>

**Subject:**RE: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Mike, do you have this info requested below?

Thanks

**Steven Pilcher, RAI/Sub Awards Manager**

Office of Sponsored Programs

Georgia Institute of Technology

Office: (404) 894-6939

Cell: (470) 990-0320

FAX: (404) 385-0864

---

**From:**Sibble, Dan

**Sent:**Monday, August 17, 2020 3:13 PM

**To:**Pilcher, Steve; Simpson, Dana; Mitchell, Michael F

**Cc:**Jackson, Timothy; Antonakakis, Manos; Egerstedt, Magnus; Melkote, Siri G; Butler, Angel; Custodio, Victoria

**Subject:**RE: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Hi Steve,

For the consent request please have your team provide me with the standard consent request information items that I'll need to provide the government with (i.e., SOW, Cost/Price Analysis, Cert).

Thanks,

Dan

**Dan Sibble**

**Contracting Officer**

Office of Sponsored Programs

Georgia Institute of Technology

926 Dalney Street, N.W.

Atlanta, GA 30318

Office: 404-894-6947

Mobile: 404-987-6809

---

**From:**Butler, Angel

**Sent:**Monday, August 17, 2020 11:23 AM

**To:**Pilcher, Steve <[Steve.Pilcher@osp.gatech.edu](mailto:Steve.Pilcher@osp.gatech.edu)>; Simpson, Dana <[Dana.Simpson@osp.gatech.edu](mailto:Dana.Simpson@osp.gatech.edu)>; Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>

**Cc:**Jackson, Timothy <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>; Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>; Egerstedt, Magnus <[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>; Melkote, Siri G <[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)>; Custodio, Victoria <[victoria.custodio@osp.gatech.edu](mailto:victoria.custodio@osp.gatech.edu)>

**Subject:**RE: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Good Morning Steve,

Dan Sibble is the assigned CO for this contract. I have included him in this email.

//Break//

Morning Dan,

Can you assist the sub-awards team with obtaining consent to subcontract?

Let me know if you need anything else.

Thanks,

Angel

---

**From:**Pilcher, Steve

**Sent:**Monday, August 17, 2020 11:15 AM

**To:**Simpson, Dana; Mitchell, Michael F

**Cc:**Butler, Angel; Jackson, Timothy; Antonakakis, Manos; Egerstedt, Magnus; Melkote, Siri G; Custodio, Victoria

**Subject:**RE: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Good Morning,

I have spoken with Mike and here is way forward with this.

For the Subcontracts Group:

Mike is going to reinput the request for a subcontract against

D8553 into CIS. Tim/Victoria, please keep an eye out for that request. This is a hot item, in that the sponsor is getting frustrated with the lack of support from this UGA individual.

For the Contract Group:

Angel, please let us know if you are the correct CO for this award. If so, we are going to need a consent to subcontract from the sponsor before we can finalize the subagreement ASAP.

Please let me know if you have any questions.

Thanks

**Steven Pilcher, RAI/Sub Awards Manager**

Office of Sponsored Programs

Georgia Institute of Technology

Office: (404) 894-6939

Cell: (470) 990-0320

FAX: (404) 385-0864

---

**From:**Simpson, Dana

**Sent:**Monday, August 17, 2020 10:48 AM

**To:**Mitchell, Michael F

**Cc:**Butler, Angel; Jackson, Timothy; Antonakakis, Manos; Egerstedt, Magnus; Melkote, Siri G; Pilcher, Steve

**Subject:**RE: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

I have spoken with Steve Pilcher, Subaward Manager, about this. He will give you a call today.

Dana Simpson

Director, Operations

Office of Sponsored Programs

Georgia Institute of Technology

Atlanta, Georgia 30332-0420

Phone: (404)894-6934

FAX: (404)385-0864

---

**From:**Mitchell, Michael F

**Sent:**Monday, August 17, 2020 10:12 AM

**To:**Simpson, Dana <[Dana.Simpson@osp.gatech.edu](mailto:Dana.Simpson@osp.gatech.edu)>

**Cc:**Butler, Angel <[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>; Jackson, Timothy <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>; Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>; Egerstedt, Magnus <[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>; Melkote, Siri G <[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)>

**Subject:**RE: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Hey Dana,

We are trying to create a subagreement with UGA for D8553/AWD-100051. Dr. Perdisci, who we borrowed for the past two years, has returned to UGA, but his work and expertise is still critical for this project to succeed. UGA has agreed to apply for a subagreement with this to allow this to happen and they have reached out to GT to get the process done.

So far they have not heard anything from GT. I reached out to Timothy several times to give him a heads up that this was coming and to try and figure out where things are currently in the process, but I have received no response.

Can you assist us in figuring out where and why this process is stuck, and how we can avoid this going forward?

Thanks!

***Michael Mitchell***

Research Operations Program Manager

**GEORGIA**Institute

of**TECH**nology

School of Electrical and Computer Engineering

777 Atlantic Drive NW

Atlanta, GA 30332-0765

Office: 404-385-8122

Mobile: 770-655-8039

---

**From:**Mitchell, Michael F

**Sent:**Wednesday, August 12, 2020 10:57 AM

**To:**Jackson, Timothy S <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>

**Cc:**Butler, Angel D <[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>

**Subject:**RE: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Hey Tim,

Can I please have an update on this? It is essential that we get this set up so Dr. Perdisci can resume his work on this project.

Thanks,

Michael

---

**From:**Mitchell, Michael F

**Sent:**Monday, August 3, 2020 2:11 PM

**To:**Jackson, Timothy S <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>

**Subject:**FW: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Hey Timothy,

This is in response to our new request for a subagreement with UGA for D8553 (AWD-100051). I know that I reached out earlier regarding getting approval from the sponsor for this, has there been any progress on this?

Thanks!

Michael Mitchell

---

**From:**Heather Lyn Uhlman <[hluhlman@uga.edu](mailto:hluhlman@uga.edu)>

**Sent:**Friday, July 31, 2020 2:18 PM

**To:**Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>

**Subject:**Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Hi Michael,

Dr. Perdisci indicated that this project submission might be delayed. Can you confirm and let me know when GATech will be submitting? Our Sponsored Projects office is requesting confirmation.

Thanks!

Heather Lyn Uhlman, M.Ed.

Grants Coordinator II

Department of Computer Science

418 Boyd Graduate Studies Research Center|University of Georgia|

Athens, GA 30602

<image002.png>



**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Monday, August 24, 2020 7:35:17 PM  
**To:** McLaughlin, Steven W<swm@coe.gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>; Egerstedt, Magnus<magnus.egerstedt@ece.gatech.edu>  
**CC:** Keromytis, Angelos D<angelos@gatech.edu>  
**Subject:** Fwd: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Again, Gentlemen, you do not have to do anything about this. Just take it as an other data point how broken OSP is.

DARPA was not even aware that this request was made by Dan. Dan, was waiting to hear back from DARPA so we can move forward with the sub contract. And the kicker is this: When I talked to DARPA they said: "And why we need to know about this?"

I didn't say because nobody in OSP wants to make any decision, since if you make no decision, you cannot be wrong about anything. But ... I did looked like an idiot saying "Oh, new GT bureaucracy added to the system" ...

While I am approaching all these with a sense of humor, I am afraid it will take too much an effort to change the culture back to something that make GT a fun place to work in.

Chaouki/Steve, sadly, you have your hands very full. :(

Manos

Begin forwarded message:

**From:** "Antonakakis, Manos" <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Subject:** Re: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse  
**Date:** August 24, 2020 at 2:28:22 PM EDT  
**To:** "Sibble, Dan J" <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>  
**Cc:** "Mitchell, Michael F" <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>, "Jackson, Timothy S" <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>, "Pilcher, Steven L" <[Steve.Pilcher@osp.gatech.edu](mailto:Steve.Pilcher@osp.gatech.edu)>, "Egerstedt, Magnus" <[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>, "Melkote, Siri G" <[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)>, "Butler, Angel D" <[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>, "Custodio, Victoria N" <[victoria.custodio@osp.gatech.edu](mailto:victoria.custodio@osp.gatech.edu)>

Dan, I just talked with DARPA HACCS PM team. They have not heard from GT on this subject. Please, reach out to Rachel ([rachel.dabrowski.ctr@darpa.mil](mailto:rachel.dabrowski.ctr@darpa.mil)) about this one more time.

DARPA will be fine with this request, Tim. So, what else we need to do to finalize this?

Thanks, Manos

On Aug 24, 2020, at 1:23 PM, Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)> wrote:

Great Dan. I will drop a note to Rachel today about this.

Tim, assuming DARPA says yes, please let me know what else do you need

from us to finalize this sub award.

Thanks, Manos

On Aug 24, 2020, at 1:19 PM, Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)> wrote:

Manos,

I have been communicating with the CO, Jennifer. Regarding your other questions I will let Tim advise on further requirements as the process at that point would happen at his level.

**Tim**, can you advise Manos & Michael regarding the process forward after we have a response from DARPA and of any other requirements/documentation that they should be aware of.

Thanks,

Dan

**Dan Sibble**

**Contracting Officer**

Office of Sponsored Programs

Georgia Institute of Technology

926 Dalney Street, N.W.

Atlanta, GA 30318

Office: 404-894-6947

Mobile: 404-987-6809

---

**From:** Antonakakis, Manos [<mailto:manos@gatech.edu>]

**Sent:** Monday, August 24, 2020 12:58 PM

**To:** Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>

**Cc:** Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Jackson, Timothy <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>; Pilcher, Steve <[Steve.Pilcher@osp.gatech.edu](mailto:Steve.Pilcher@osp.gatech.edu)>; Egerstedt, Magnus <[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>; Melkote, Siri G <[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)>; Butler, Angel <[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>; Custodio, Victoria <[victoria.custodio@osp.gatech.edu](mailto:victoria.custodio@osp.gatech.edu)>

**Subject:** Re: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

Great, thanks Dan.

Michael, please send these documents to Dan asap (today if possible), and let me know when you have done it.

Dan, a few questions. Who is your PoC at DARPA that has all these information (Rachel, Perri, someone else)? Also, will you need any other documents from us between now and when DARPA comes back with an answer so we can move the sub award forward?

Finally, if DARPA says yes, will OSP need anything else to get this sub award done?

Thanks,

Manos

On Aug 24, 2020, at 12:51 PM, Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)> wrote:

Hi Manos,

As Michael iterated earlier, this action just needs the justification for selection and price

reasonableness documentation from you. I've communicated this request to my DARPA POC along with a description on why we need this action completed asap and she advised that she is poised to make a quick determination however she needs the information referenced above for her review.

Please let Tim or myself know if there is anything we can do to assist in providing this information.

Best,

Dan

**Dan Sibble**

**Contracting Officer**

Office of Sponsored Programs  
Georgia Institute of Technology

**926 Dalney Street, N.W.**

**Atlanta, GA 30318**

**Office: 404-894-6947**

**Mobile: 404-987-6809**

---

**From:** Antonakakis, Manos [  
<mailto:manos@gatech.edu>]

**Sent:** Monday, August 24, 2020 11:31 AM

**To:** Sibble, Dan <[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>

**Cc:** Mitchell, Michael F <

[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Jackson,

Timothy <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>;

Pilcher, Steve <[Steve.Pilcher@osp.gatech.edu](mailto:Steve.Pilcher@osp.gatech.edu)>;

Egerstedt, Magnus <

[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>; Melkote,

Siri G <[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)>; Butler,

Angel <[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>; Custodio,

Victoria <[victoria.custodio@osp.gatech.edu](mailto:victoria.custodio@osp.gatech.edu)>

**Subject:** Re: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse  
Can I please get an update on this? When this will be done?

Manos

On Aug 18, 2020, at 8:00

PM, Sibble, Dan <

[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)

> wrote:

Michael, et al,

I will need the documents referenced by Tim (cost/price analysis and adequate selection memo) as soon as completed. These docs are necessary for the consent review/evaluation.

Thanks,

Dan

**Dan Sibble**

**Contracting Officer**

Office of Sponsored  
Programs  
Georgia Institute of  
Technology  
**926 Dalney Street, N.W.**  
**Atlanta, GA 30318**  
**Office: 404-894-6947**  
**Mobile: 404-987-6809**

---

**From:**Jackson, Timothy  
**Sent:**Tuesday, August 18, 2020  
6:04 PM  
**To:**Mitchell, Michael F <  
[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)  
>; Pilcher, Steve <  
[Steve.Pilcher@osp.gatech.edu](mailto:Steve.Pilcher@osp.gatech.edu)  
>; Sibble, Dan <  
[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>  
**Cc:**Antonakakis, Manos <  
[manos@gatech.edu](mailto:manos@gatech.edu)>;  
Egerstedt, Magnus <  
[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)  
>; Melkote, Siri G <  
[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)  
>; Butler, Angel <  
[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)  
>; Custodio, Victoria <  
[victoria.custodio@osp.gatech.edu](mailto:victoria.custodio@osp.gatech.edu)  
>

**Subject:**RE: Subaward -  
GATech : DARPA : Behavioral  
Engine for Detecting Network  
Abuse

Good Evening All,  
I will more than likely process  
this award when it is finally  
submitted in CIS. The past  
effort (D8553-S2) with Dr.  
Perdisci that Michael and I  
worked on was cancelled due  
to various issues. It seems that  
those issues have all been  
resolved on the current effort.  
Are these related? Michael,  
the process is identical to the  
last time when you and I  
worked together to get the  
sub award process going. You  
will need to submit a formal  
sub request that has a  
completed cost/price analysis  
and adequate selection memo  
along with the documents you  
have already provided. When  
you complete the submission,  
send me an email and I will  
grab it immediately. Looks like  
we are already working on the

consent but we need the price/cost analysis among a few other certs to send over. Much of this will be provided once you submit a request in CIS. Thanks.

**Respectfully,**  
**Timothy Jackson**  
**Contracting Officer-**  
**Subcontracts**  
Office of Sponsored Programs|  
**Georgia Institute of Technology -**  
**GTRI**  
926 Dalney Street, NW Atlanta,  
GA  
Office: 404.894.6954 or Cell:  
404.710.0483|Fax:  
404.385.0864|  
<image001.jpg>

---

**From:** Mitchell, Michael F  
**Sent:** Monday, August 17, 2020  
3:50 PM

**To:** Pilcher, Steve; Sibble, Dan

**Cc:** Jackson, Timothy;  
Antonakakis, Manos;  
Egerstedt, Magnus; Melkote,  
Siri G; Butler, Angel; Custodio,  
Victoria

**Subject:** RE: Subaward -  
GATech : DARPA : Behavioral  
Engine for Detecting Network  
Abuse

Hey Steve & Dan,  
Attached are the budget  
justification, Budget, and  
SOW. What else do we need?  
M

---

**From:** Pilcher, Steve <  
[Steve.Pilcher@osp.gatech.edu](mailto:Steve.Pilcher@osp.gatech.edu)  
>

**Sent:** Monday, August 17, 2020  
3:47 PM

**To:** Sibble, Dan J <  
[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>;  
Mitchell, Michael F <  
[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)  
>

**Cc:** Jackson, Timothy S <  
[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)  
>; Antonakakis, Manos <  
[manos@gatech.edu](mailto:manos@gatech.edu)>;  
Egerstedt, Magnus <  
[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)  
>; Melkote, Siri G <  
[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)  
>; Butler, Angel D <  
[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)

>; Custodio, Victoria N <  
[victoria.custodio@osp.gatech.edu](mailto:victoria.custodio@osp.gatech.edu)

>

**Subject:**RE: Subaward -  
GATech : DARPA : Behavioral  
Engine for Detecting Network  
Abuse

Mike, do you have this info  
requested below?

Thanks

**Steven Pilcher, RAI/Sub  
Awards Manager**

Office of Sponsored Programs  
Georgia Institute of  
Technology

Office: (404) 894-6939

Cell: (470) 990-0320

FAX: (404) 385-0864

---

**From:**Sibble, Dan

**Sent:**Monday, August 17, 2020  
3:13 PM

**To:**Pilcher, Steve; Simpson,  
Dana; Mitchell, Michael F

**Cc:**Jackson, Timothy;  
Antonakakis, Manos;  
Egerstedt, Magnus; Melkote,  
Siri G; Butler, Angel; Custodio,  
Victoria

**Subject:**RE: Subaward -  
GATech : DARPA : Behavioral  
Engine for Detecting Network  
Abuse

Hi Steve,

For the consent request please  
have your team provide me  
with the standard consent  
request information items that  
I'll need to provide the  
government with (i.e., SOW,  
Cost/Price Analysis, Cert).

Thanks,

Dan

**Dan Sibble**

**Contracting Officer**  
Office of Sponsored  
Programs  
Georgia Institute of  
Technology

**926 Dalney Street, N.W.**

**Atlanta, GA 30318**

**Office: 404-894-6947**

**Mobile: 404-987-6809**

---

**From:**Butler, Angel

**Sent:**Monday, August 17, 2020  
11:23 AM

**To:**Pilcher, Steve <

[Steve.Pilcher@osp.gatech.edu](mailto:Steve.Pilcher@osp.gatech.edu)  
>; Simpson, Dana <  
[Dana.Simpson@osp.gatech.edu](mailto:Dana.Simpson@osp.gatech.edu)  
>; Mitchell, Michael F <  
[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)  
>; Sibble, Dan <  
[Dan.Sibble@osp.gatech.edu](mailto:Dan.Sibble@osp.gatech.edu)>  
**Cc:**Jackson, Timothy <  
[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)  
>; Antonakakis, Manos <  
[manos@gatech.edu](mailto:manos@gatech.edu)>;  
Egerstedt, Magnus <  
[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)  
>; Melkote, Siri G <  
[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)  
>; Custodio, Victoria <  
[victoria.custodio@osp.gatech.edu](mailto:victoria.custodio@osp.gatech.edu)  
>

**Subject:**RE: Subaward -  
GATech : DARPA : Behavioral  
Engine for Detecting Network  
Abuse

Good Morning Steve,  
Dan Sibble is the assigned CO  
for this contract. I have  
included him in this email.

//Break//

Morning Dan,  
Can you assist the sub-awards  
team with obtaining consent  
to subcontract?  
Let me know if you need  
anything else.

Thanks,  
Angel

---

**From:**Pilcher, Steve  
**Sent:**Monday, August 17, 2020  
11:15 AM

**To:**Simpson, Dana; Mitchell,  
Michael F

**Cc:**Butler, Angel; Jackson,  
Timothy; Antonakakis, Manos;  
Egerstedt, Magnus; Melkote,  
Siri G; Custodio, Victoria

**Subject:**RE: Subaward -  
GATech : DARPA : Behavioral  
Engine for Detecting Network  
Abuse

Good Morning,  
I have spoken with Mike  
and here is way forward  
with this.

For the Subcontracts Group:  
Mike is going to reinput the  
request for a subcontract  
against D8553 into CIS.

Tim/Victoria, please keep an eye out for that request. This is a hot item, in that the sponsor is getting frustrated with the lack of support from this UGA individual.

For the Contract Group: Angel, please let us know if you are the correct CO for this award. If so, we are going to need a consent to subcontract from the sponsor before we can finalize the subagreement ASAP.

Please let me know if you have any questions.

Thanks

**Steven Pilcher, RAI/Sub Awards Manager**

Office of Sponsored Programs  
Georgia Institute of  
Technology  
Office: (404) 894-6939  
Cell: (470) 990-0320  
FAX: (404) 385-0864

---

**From:**Simpson, Dana  
**Sent:**Monday, August 17, 2020  
10:48 AM

**To:**Mitchell, Michael F

**Cc:**Butler, Angel; Jackson, Timothy; Antonakakis, Manos; Egerstedt, Magnus; Melkote, Siri G; Pilcher, Steve

**Subject:**RE: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse

I have spoken with Steve Pilcher, Subaward Manager, about this. He will give you a call today.

Dana Simpson  
Director, Operations  
Office of Sponsored Programs  
Georgia Institute of  
Technology  
Atlanta, Georgia 30332-0420  
Phone: (404)894-6934  
FAX: (404)385-0864

---

**From:**Mitchell, Michael F  
**Sent:**Monday, August 17, 2020  
10:12 AM

**To:**Simpson, Dana <  
[Dana.Simpson@osp.gatech.edu](mailto:Dana.Simpson@osp.gatech.edu)

>



Cc:Butler, Angel <[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>  
>; Jackson, Timothy <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>  
>; Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>;  
Egerstedt, Magnus <[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)>  
>; Melkote, Siri G <[siri.melkote@ece.gatech.edu](mailto:siri.melkote@ece.gatech.edu)>

**Subject:**RE: Subaward -  
GATech : DARPA : Behavioral  
Engine for Detecting Network  
Abuse

Hey Dana,

We are trying to create a subagreement with UGA for D8553/AWD-100051. Dr. Perdisci, who we borrowed for the past two years, has returned to UGA, but his work and expertise is still critical for this project to succeed. UGA has agreed to apply for a subagreement with this to allow this to happen and they have reached out to GT to get the process done.

So far they have not heard anything from GT. I reached out to Timothy several times to give him a heads up that this was coming and to try and figure out where things are currently in the process, but I have received no response. Can you assist us in figuring out where and why this process is stuck, and how we can avoid this going forward?

Thanks!

***Michael Mitchell***

Research Operations

Program Manager

**GEORGIA**

**Institute**

**ofTECHnology**

School of Electrical and  
Computer Engineering

777 Atlantic Drive NW  
Atlanta, GA 30332-0765

Office: 404-385-8122

Mobile: 770-655-8039

---

**From:**Mitchell, Michael F

**Sent:**Wednesday, August 12, 2020 10:57 AM  
**To:**Jackson, Timothy S <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>  
>  
**Cc:**Butler, Angel D <[angel.butler@osp.gatech.edu](mailto:angel.butler@osp.gatech.edu)>  
**Subject:**RE: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse  
Hey Tim,  
Can I please have an update on this? It is essential that we get this set up so Dr. Perdisci can resume his work on this project.  
Thanks,  
Michael

---

**From:**Mitchell, Michael F  
**Sent:**Monday, August 3, 2020 2:11 PM  
**To:**Jackson, Timothy S <[timothy.jackson@osp.gatech.edu](mailto:timothy.jackson@osp.gatech.edu)>  
>  
**Subject:**FW: Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse  
Hey Timothy,  
This is in response to our new request for a subagreement with UGA for D8553 (AWD-100051). I know that I reached out earlier regarding getting approval from the sponsor for this, has there been any progress on this?  
Thanks!  
Michael Mitchell

---

**From:**Heather Lyn Uhlman <[huhlman@uga.edu](mailto:huhlman@uga.edu)>  
**Sent:**Friday, July 31, 2020 2:18 PM  
**To:**Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>  
>  
**Subject:**Subaward - GATech : DARPA : Behavioral Engine for Detecting Network Abuse  
Hi Michael,  
Dr. Perdisci indicated that this project submission might be delayed. Can you confirm and let me know when GATech will be submitting? Our Sponsored

Projects office is requesting confirmation.

Thanks!

Heather Lyn Uhlman, M.Ed.

Grants Coordinator II

Department of Computer

Science

418 Boyd Graduate Studies

Research Center|University of

Georgia|Athens, GA 30602

<image002.png>

**From:**

**Sent on:** Thursday, September 30, 2021 6:23:39 PM

**To:** McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>

**Subject:** Fyi-

**From:** Kuligowski, Elaine E<elaine.kuligowski@police.gatech.edu>  
**Sent on:** Wednesday, January 27, 2021 9:07:47 PM  
**To:** Antonakakis, Manos<manos@gatech.edu>; Connolly, Robert<robert.connolly@police.gatech.edu>; Crabtree, Loran F<loran.crabtree@police.gatech.edu>  
**Subject:** GTPD Meeting with Dr. Antonakakis  
**Attachments:** meeting.ics (1.65 KB)

Lunch will be served

**From:** Horton, Rebecca Darnell<rdhorto@sandia.gov>  
**Sent on:** Wednesday, May 27, 2020 5:47:18 AM  
**To:** Alexandra Boldyreva<sasha@gatech.edu>; W. Jud Ready Ph. D. (jud.ready@gatech.edu)<jud.ready@gatech.edu>; Alper Erturk<alper.erturk@me.gatech.edu>; anirban.mazumdar@me.gatech.edu; Brendan Saltaformaggio<Brendan@ece.gatech.edu>; Chaitanya Deo<chaitanya.deo@me.gatech.edu>; Christopher Saldana<christopher.saldana@me.gatech.edu>; III, Chelsea (External Contact)<cwhite@isye.gatech.edu>; David Sholl<david.sholl@chbe.gatech.edu>; Ellen Yi Chen Mazumdar<ellen.mazumdar@gatech.edu>; Vogel, Eric (External Contact)<eric.vogel@mse.gatech.edu>; evangelos.theodorou@ae.gatech.edu; Boukouvala, Fani (External Contacts)<fani.boukouvala@chbe.gatech.edu>; Jacobs, Laurence J<laurence.jacobs@coe.gatech.edu>; Jeff Young<jyoung9@gatech.edu>; Jennifer Hasler - GT (jennifer.hasler@ece.gatech.edu)<jennifer.hasler@ece.gatech.edu>; Jonathan Rogers (jonathan.rogers@me.gatech.edu)<jonathan.rogers@me.gatech.edu>; Kubanek, Julia (External Contact)<julia.kubanek@cos.gatech.edu>; Julian Rimoli<julian.rimoli@aerospace.gatech.edu>; Krista Walton<Krista.Walton@chbe.gatech.edu>; Manos Antonakakis<manos@gatech.edu>; Massimo Ruzzene<ruzzene@gatech.edu>; Mike Leamy<michael.leafy@me.gatech.edu>; Zhou, Min (External Contacts)<min.zhou@gatech.edu>; Mooney, Vincent (External Contact)<mooney@ece.gatech.edu>; Neha Garg<neha.garg@chemistry.gatech.edu>; QI, H. (External Contact)<qih@me.gatech.edu>; Richard Vuduc<richie@gatech.edu>; Graham, Samuel (External Contact)<sgraham@gatech.edu>; Tsiotras, Panagiotis<tsiotras@gatech.edu>; umit@gatech.edu; Vladimir Kolesnikov<kolesnikov@gatech.edu>; W. Jud Ready Ph. D. (jud.ready@gatech.edu)<jud.ready@gatech.edu>; Wenting Sun<wenting.sun@aerospace.gatech.edu>; Wang, Yan (External Contact)<yan.wang@me.gatech.edu>; Younan Xia<younan.xia@gme.gatech.edu>; Zhigang Jiang<zhigang.jiang@physics.gatech.edu>; Agarwal, Sapan<sagarwa@sandia.gov>; Branda, Steven<sbranda@sandia.gov>; Casper, Katya Marie<kmcaspe@sandia.gov>; Castillo, Anya<arcasti@sandia.gov>; Dingreville, Remi<rdingre@sandia.gov>; Fisher, Carolyn Laura<clfish@sandia.gov>; Guildenbecher, Daniel Robert<drguild@sandia.gov>; Harrison, Katharine Lee<katharr@sandia.gov>; Ike, Moses<mike@sandia.gov>; Kearney, Sean P<spkearn@sandia.gov>; Klein, Brianna Alexandra<baklein@sandia.gov>; Kozlowski, David M<dmkozlo@sandia.gov>; Lane, Todd William<twlane@sandia.gov>; Long, Kevin Nicholas<knlong@sandia.gov>; Marinella, Matthew<mmarine@sandia.gov>; Moore, David G<dgmoore@sandia.gov>; Moorman, Matthew<mmoorma@sandia.gov>; Nelson, Jeffrey S<jsnelso@sandia.gov>; Pan, Wei<wpan@sandia.gov>; Parish, Julie M<jparish@sandia.gov>; Pattengale, Nicholas D<ndpatte@sandia.gov>; Phillips, Cynthia A<caphill@sandia.gov>; Pinar, Ali<apinar@sandia.gov>; Sava Gallis, Dorina<dfsava@sandia.gov>; Sena, Mary Rose<mrsena@sandia.gov>; Su, Jiann-cherng<jsu@sandia.gov>; Tupek, Michael Ronne<mrtupek@sandia.gov>; Urias, Vincent E<veuria@sandia.gov>; Van Bloemen Waanders, Bart G<bartv@sandia.gov>; Vineyard, Craig Michael<cmviney@sandia.gov>; A. P. Meliopoulos (Sakis) (sakis.m@gatech.edu)<sakis.m@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>; Abowd, Gregory D<abowd@gatech.edu>; alexa.harther@gtri.gatech.edu; Aluru, Srinivas (External Contact)<aluru@cc.gatech.edu>; Bras, Bert (External Contact)<bert.bras@me.gatech.edu>; Beyah, Raheem (External Contact)<rbeyah@ece.gatech.edu>; Biegalski, Steven<steven.biegalski@me.gatech.edu>; Hunt, William (External Contact)<bill.hunt@ece.gatech.edu>; Bonnie Ferri (bonnie.ferri@gatech.edu)<bonnie.ferri@gatech.edu>; Peavy, Brent (External Contacts)<brent.peavy@gtri.gatech.edu>; Brown, Lori<lori.brown@dev.gatech.edu>; Rust, Carl (External Contact)<carl.rust@gatech.edu>; Caroline Wood<caroline.wood@dev.gatech.edu>; Charles Isbell<isbell@gatech.edu>; Valle, Christine (External Contact)<christine.valle@coe.gatech.edu>; CRA Gail D. Spatt (spatt@gatech.edu)<spatt@gatech.edu>; CRA Susan Roche (susan.roche@gatech.edu)<susan.roche@gatech.edu>; Dana Randall<randall@cc.gatech.edu>; David Sherrill<sherrill@chemistry.gatech.edu>; Devesh Ranjan (devesh.ranjan@me.gatech.edu)<devesh.ranjan@me.gatech.edu>; Romeijn, Ph.D., H. (External Contact)<edwin.romeijn@isye.gatech.edu>; Pittman, Etta (External

Contact)<etta.pittman@ece.gatech.edu>; White, George (External Contact)<george.white@gatech.edu>; Greg King (greg.king@gatech.edu)<greg.king@gatech.edu>; Durgin, Gregory (External Contact)<durgin@gatech.edu>; Griessman, Gloria<Gloria.Griessman@gatech.edu>; Irfan Essa<irfan@gatech.edu>; James Hudgens<James.Hudgens@gtri.gatech.edu>; Kevin Wozniak<kevin.wozniak@gtrc.gatech.edu>; Krishnendu Roy<krish.roy@gatech.edu>; Lakita Brooks (lbrooks@gatech.edu)<lbrooks@gatech.edu>; Luca Dieci<dieci@math.gatech.edu>; Swaminathan, Madhavan (External Contact)<madhavan@ece.gatech.edu>; Magnus Egerstedt (magnus.egerstedt@ece.gatech.edu)<magnus.egerstedt@ece.gatech.edu>; margaret.loper@gtri.gatech.edu; Mark Francis Costello (mark.costello@aerospace.gatech.edu)<mark.costello@aerospace.gatech.edu>; McDowell, David (External Contact)<david.mcdowell@me.gatech.edu>; Thadhani, Naresh (External Contact)<naresh.thadhani@mse.gatech.edu>; Nic Hud<nick.hud@chemistry.gatech.edu>; Brand, Oliver (External Contact)<oliver.brand@ien.gatech.edu>; olof.westerstahl@gatech.edu; Schultz, Paul (External Contact)<pschultz@cc.gatech.edu>; Rachel Kuske (rachel@math.gatech.edu)<rachel@math.gatech.edu>; Butera, Robert (External Contact)<rbutera@gatech.edu>; Rebecca Caravati<rebecca.caravati@osp.gatech.edu>; Lpc, Robbie (External Contact)<robbie.ouzs@gatech.edu>; Stephen E. Ralph (stephen.ralph@ece.gatech.edu)<stephen.ralph@ece.gatech.edu>; Steven McLaughlin - Georgia Tech (swm@coe.gatech.edu)<swm@coe.gatech.edu>; Lieuwen, Timothy (External Contact)<tim.lieuwen@energy.gatech.edu>; tom.mcneil@gtri.gatech.edu; Wenke Lee<wenke@cc.gatech.edu>; Branda, Catherine<cbranda@sandia.gov>; Chen, Jackie<jhchen@sandia.gov>; Claudet, Andre<aaclaud@sandia.gov>; Eames, Brandon K<bkeames@sandia.gov>; Fang, H Eliot<hefang@sandia.gov>; Hanley, Charles<cjhanle@sandia.gov>; Kao, Gio K<gkkao@sandia.gov>; Longenbaugh, Cindy<clongen@sandia.gov>; Oldfield, Ron A<raoldfi@sandia.gov>; McEntire, R Scott<rmcenti@sandia.gov>; Alex Endert<endert@gatech.edu>; Alex Orso<orso@cc.gatech.edu>; Benjamin B. Yang (Benjamin.Yang@gtri.gatech.edu)<Benjamin.Yang@gtri.gatech.edu>; Blair Brettmann<blair.brettmann@mse.gatech.edu>; Byron Boots<bboots@cc.gatech.edu>; Ernst, Christa (External Contact)<christa.ernst@ien.gatech.edu>; Conte, Thomas (External Contact)<conte@gatech.edu>; Cynthia Sundell (cynthia.sundell@ibb.gatech.edu)<cynthia.sundell@ibb.gatech.edu>; Grijalva, Santiago C<sgrijalva@ece.gatech.edu>; John Cressler<cressler@ece.gatech.edu>; Julie Ridings<julie.ridings@ece.gatech.edu>; katie.gatian@gatech.edu; Lerner, Lee<Lee.Lerner@gtri.gatech.edu>; Lily Cheung<lily.cheung@gatech.edu>; Marta Hatzell<marta.hatzell@me.gatech.edu>; Farrell, Michael (External Contact)<michael.farrell@gtri.gatech.edu>; Philip Santangelo<philip.santangelo@bme.gatech.edu>; Sam Coogan [REDACTED]>; Shannon Yee<shannon.yee@me.gatech.edu>; stasko@cc.gatech.edu; Kalidindi, Surya (External Contact)<surya.kalidindi@me.gatech.edu>; Trent Brunson - Cyber Technology and Information Security Laboratory (CTISL) (trent.brunson@gtri.gatech.edu)<trent.brunson@gtri.gatech.edu>; Valeria Milam<valeria.milam@mse.gatech.edu>; Sundaram, Venky (External Contact)<vs24@gatech.edu>; Thomas, Valerie (External Contact)<vthomas@isye.gatech.edu>; Adkins, Carol<cladkin@sandia.gov>; Carncross, Jaclyn<jcarncr@sandia.gov>; Cook, Benjamin K<bkcook@sandia.gov>; Corbet Jr, Thomas F<tforbe@sandia.gov>; Gallegos, Stephanie R.<srgall@sandia.gov>; Halloran, Amy Randolph<arhallo@sandia.gov>; Hassan, Basil<bhassan@sandia.gov>; Hoover, Marcey<mlhoove@sandia.gov>; Johannes, Justine E<jejohan@sandia.gov>; Johnson, Maiya Skye<maijohn@sandia.gov>; Johnson, Rahni Shakhelle<rahjohn@sandia.gov>; Martinez, David S<dsmarti@sandia.gov>; Minster, David G<dgminst@sandia.gov>; Moreno, Yolanda<ymoreno@sandia.gov>; Patel, Kamlesh D<kdpatel@sandia.gov>; Peebles, Diane E<depeebl@sandia.gov>; Pitcher, Natalie<npitche@sandia.gov>; Price, Jazmine<jazpric@sandia.gov>; Sands, Linnea<lsands@sandia.gov>; Streu, Nicole<nstreu@sandia.gov>; Treece, Amy<atreece@sandia.gov>; Weaver, Karla<kweaver@sandia.gov>; erica.briscoe@gtri.gatech.edu; Lane, Amanda<allane@sandia.gov>; Burt,

James<jburt@sandia.gov>; Fleming, Scottie-Beth<eflemin@sandia.gov>; Glazebrook, Hannah<hglazeb@sandia.gov>; Gonyea, Keir<kgonyea@sandia.gov>; Hernandez, Patricia Marie Pacheco<pmphern@sandia.gov>; Jose, Deepu<djose@sandia.gov>; Lafleur, Jarret Marshall<jmlafle@sandia.gov>; Lofstead, Gerald F II<gflofst@sandia.gov>; Lowery, Quincey<qlowery@sandia.gov>; Mallow, Anne<amallow@sandia.gov>; Olsen, Mark<molsen@sandia.gov>; Onunkwo, Uzoma<uonunkw@sandia.gov>; Reinke, Charles M.<cmreink@sandia.gov>; Rhoades, Elaine Louise<elrhoad@sandia.gov>; Steinfeldt, Bradley Alexander<bastein@sandia.gov>; Widener, Patrick<pwidene@sandia.gov>; Wilbanks, James Justin<jjwilba@sandia.gov>

**Subject:** GT-Sandia Academic Alliance Newsletter, May 2020

**Attachments:** FINAL\_GTNewsletter\_May2020 SAND2020-5367 M.pdf (1 MB)

Dear Sandia and Georgia Tech Colleagues,

Please find attached the newsletter for the Spring 2020 timeframe. We will be publishing these on a ~quarterly basis now and have improved the format to include announcements and a couple of high level accomplishments with links to additional information of interest. We have also added a faculty spotlight story similar to our student spotlight story. We are also working to improve our distribution of this newsletter in coordination with GT Institute Communications. Thank you for your contributions to our GT-Sandia Academic Alliance. We appreciate you sharing accomplishment information and welcome ideas to improve the content.

With Kind Regards,

Rebecca

*Rebecca D. Horton*

*Senior Manager*

*Georgia Institute of Technology Partnerships*

*Sandia National Laboratories*

*GT office: Pettit Microelectronics Research Building, Room 215*

*Mobile: (505) 205-4291*

*office: (505) 844-3138*

*SNL office: Building 897, Room 4012*



(External Contacts)<fani.boukouvala@chbe.gatech.edu>; Grijalva, Santiago C<sgrjalva@ece.gatech.edu>; Jacobs, Laurence J<laurence.jacobs@coe.gatech.edu>; Jeff Wu (jeff.wu@isye.gatech.edu)<jeff.wu@isye.gatech.edu>; Jeff Young<jyoung9@gatech.edu>; Jennifer Hasler - GT (jennifer.hasler@ece.gatech.edu)<jennifer.hasler@ece.gatech.edu>; John Cressler<cressler@ece.gatech.edu>; Jonathan Rogers (jonathan.rogers@me.gatech.edu)<jonathan.rogers@me.gatech.edu>; Kacher, Josh (External Contact)<josh.kacher@mse.gatech.edu>; Kubanek, Julia (External Contact)<julia.kubanek@cos.gatech.edu>; Julian Rimoli<julian.rimoli@aerospace.gatech.edu>; Feigh, Karen (External Contact)<karen.feigh@gatech.edu>; Krista Walton<Krista.Walton@chbe.gatech.edu>; Lauren Krista Stewart (lauren.stewart@ce.gatech.edu)<lauren.stewart@ce.gatech.edu>; Swaminathan, Madhavan (External Contact)<madhavan@ece.gatech.edu>; Manos Antonakakis<manos@gatech.edu>; Losego, Mark (External Contact)<losego@gatech.edu>; Massimo Ruzzene<ruzzene@gatech.edu>; Matthew Gombolay (matthew.gombolay@cc.gatech.edu)<matthew.gombolay@cc.gatech.edu>; Mike Leamy<michael.leamy@me.gatech.edu>; Zhou, Min (External Contacts)<min.zhou@gatech.edu>; Mooney, Vincent (External Contact)<mooney@ece.gatech.edu>; Neha Garg<neha.garg@chemistry.gatech.edu>; Preet Mohinder Singh (preet.singh@mse.gatech.edu)<preet.singh@mse.gatech.edu>; Qi, H. (External Contact)<qih@me.gatech.edu>; Rashan Joseph (roshan@gatech.edu)<roshan@gatech.edu>; Richard Vuduc<richie@gatech.edu>; Santanu Dey (santanu.dey@isye.gatech.edu)<santanu.dey@isye.gatech.edu>; Graham, Samuel (External Contact)<sgraham@gatech.edu>; Tsiotras, Panagiotis<tsiotras@gatech.edu>; umit@gatech.edu; Vladimir Kolesnikov<kolesnikov@gatech.edu>; W. Jud Ready Ph. D. (jud.ready@gatech.edu)<jud.ready@gatech.edu>; Wenting Sun<wenting.sun@aerospace.gatech.edu>; Wang, Yan (External Contact)<yan.wang@me.gatech.edu>; Younan Xia<younan.xia@gme.gatech.edu>; Jiang, Zhigang (External Contact)<zhang.jiang@physics.gatech.edu>; Alex Endert<endert@gatech.edu>; 'Alex Orso'<orso@cc.gatech.edu>; 'Benjamin B. Yang (Benjamin.Yang@gtri.gatech.edu)'<Benjamin.Yang@gtri.gatech.edu>; 'Biegalski, Steven'<steven.biegalski@me.gatech.edu>; 'Blair Brettmann'<blair.brettmann@mse.gatech.edu>; 'Byron Boots'<bboots@cc.gatech.edu>; Rust, Carl (External Contact)<carl.rust@gatech.edu>; Ernst, Christa (External Contact)<christa.ernst@ien.gatech.edu>; 'Cynthia Sundell (cynthia.sundell@ibb.gatech.edu)'<cynthia.sundell@ibb.gatech.edu>; 'Julie Ridings'<julie.ridings@ece.gatech.edu>; 'Lerner, Lee'<Lee.Lerner@gtri.gatech.edu>; 'Lily Cheung'<lily.cheung@gatech.edu>; 'Manos Antonakakis'<manos@gatech.edu>; 'Marta Hatzell'<marta.hatzell@me.gatech.edu>; Farrell, Michael (External Contact)<michael.farrell@gtri.gatech.edu>; 'Philip Santangelo'<philip.santangelo@bme.gatech.edu>; 'Sam Coogan'<[REDACTED]>; 'Shannon Yee'<shannon.yee@me.gatech.edu>; 'stasko@cc.gatech.edu'<stasko@cc.gatech.edu>; Kalidindi, Surya (External Contact)<surya.kalidindi@me.gatech.edu>

**CC:** tmarchese3@gatech.edu; pmuller8@gatech.edu; mkozlowski@gatech.edu; ebiederman3@gatech.edu; epark93@gatech.edu; thomasaw@gatech.edu; acarow3@gatech.edu; rschoenberg3@gatech.edu; McDowell, Matt (External Contact)<mattmcdowell@gatech.edu>; nian.liu@chbe.gatech.edu; jennifer.curtis@physics.gatech.edu; rosario.gerhardt@mse.gatech.edu; rgerbe3@gatech.edu; anatarajan35@gatech.edu; adrija3@gatech.edu; Claudet, Andre<aaclaud@sandia.gov>; Stangebye, Hannah<hstange@sandia.gov>; Price, Jazmine<jazpric@sandia.gov>

**Subject:** GT-Sandia Academic Alliance Newsletter, October 2020

**Attachments:** GaTech-Sandia Academic Alliance Fall Newsletter\_SAND2020-11615 M.pdf (626 KB)

Dear Georgia Tech Colleagues,

Please find attached our newsletter for Summer/Fall timeframe. We are publishing these several times a year and improved the format to include announcements and high level accomplishments with links to additional information of interest. We have also added faculty and student spotlight stories. In the coming year, we are working to improve our

distribution of this newsletter in coordination with GT Institute Communications and identifying ways to share this type of information through our Sandia Academic Alliance Website to make it easier to access and read.

Thank you for your contributions to our GT-Sandia Academic Alliance. We appreciate you sharing accomplishment information and welcome ideas to improve the content.

With Kind Regards,

Rebecca

*Rebecca D. Horton*

*Senior Manager, Academic Programs*

*Chief Research Office*

*Sandia National Laboratories*

*Mobile: (505) 205-4291*

*rdhorto@sandia.gov*

*SNL office: Building 897, Room 4012G*

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Wednesday, January 27, 2021 6:57:35 PM  
**To:** Abdallah, Chaouki T<ctabdallah@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>  
**Subject:** Heads up: Meeting with GTPD

Hey Chaouki and Steve,

The Chief asked for a meeting with me where I get to see what we do in the field and perhaps even suggest improvements or ways we can optimize our GTPD operations --- especially as they relate to life threatening emails. No action item for you, this is just for your situational awareness.

Thanks, Manos

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Date:** Wednesday, January 27, 2021 at 1:49 PM  
**To:** Kuligowski, Elaine E <elaine.kuligowski@police.gatech.edu>  
**Subject:** Re: Scheduling a Meeting with GTPD

Perfect, thanks. Elaine, please send me a calendar invite when you confirm that the Chief is available as well. Many thanks, Manos

---

**From:** Kuligowski, Elaine E <elaine.kuligowski@police.gatech.edu>  
**Date:** Wednesday, January 27, 2021 at 1:41 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Re: Scheduling a Meeting with GTPD

Yes it is! Our parking lot is just before 10th Street

Sent from my iPhone

On Jan 27, 2021, at 1:32 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

Hey Elaine,

The Tuesday Feb 2 - between 11am and 2pm slot works great for me.

Please remind me where your new building is? Is it at the corner of 10<sup>th</sup> and Hemphill?

Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu

College of Engineering Dean's Professorship Chair and Associate Professor

Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)

School of Electrical and Computer Engineering | Georgia Institute of Technology

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

**From:** Kuligowski, Elaine E <elaine.kuligowski@police.gatech.edu>  
**Date:** Wednesday, January 27, 2021 at 1:18 PM  
**To:** Antonakakis, Manos <manos@gatech.edu>  
**Subject:** Scheduling a Meeting with GTPD

Dr. Antonakakis,

Chief Connolly has asked me to set up an in-person meeting to be held here at GTPD to discuss sharing information. Joining you and Chief would be Investigator Loran Crabtree, our behavioral threat assessment investigator.

Chief projects needing between 90 and 120 minutes of your time, as the meeting would also

include a tour of our building and discussion of our other capabilities. Do you have room in your schedule during the following possible dates and times? Chief would prefer to hold this meeting next week, but if you are not available then, I have provided the option for the second week of February as well.

Monday Feb 1 - between 10am and 2pm

Tuesday Feb 2 - between 11am and 2pm

Wednesday Feb 3 - between 9am and 11am, or between noon and 3pm

Thursday Feb 4 - Availability all day

Friday Feb 5 - Between 10am and noon, or after 4pm

Monday Feb 8 - between 9am and 1pm

Tuesday Feb 9 - between 11am and 2pm, or after 4pm

Wednesday Feb 10 - Availability all day

Thursday Feb 4 - between 9am and noon, or between 1pm and 5pm

Friday Feb 5 - Availability all day

Many thanks,

Elaine Kuligowski

Executive Assistant to the Chief

Georgia Tech Police Department

O: 404.385.1926

C: 508.202.5553

**From:**

**Sent on:** Thursday, September 23, 2021 6:41:20 PM

**To:** Fuller, Christian<christian.fuller@legal.gatech.edu>; Connolly, Robert<robert.connolly@police.gatech.edu>

**Subject:** Heads up

Hey Christian and Chief,

My lab has been vacated. All my reserachers and stuff will be working remote until further n

From: ctabdallah@gatech.edu

Sent on: Friday, April 16, 2021 2:34:27 PM

To: Manos Antonakakis <manos@gatech.edu>; Anthony Bou Eid <anthonyboueid@gatech.edu>

Subject: Introduction

Anthony,

Please email Professor Antonakakis to set up an appointment to discuss potential research.

Sent from Chaouki's iPhone

From: Abdallah, Chaouki T <ctabdallah@gatech.edu>

Sent on: Friday, April 16, 2021 2:34:28 PM

To: Antonakakis, Manos <manos@gatech.edu>; Bou Eid, Anthony <anthonyboueid@gatech.edu>

Subject: Introduction

Anthony,

Please email Professor Antonakakis to set up an appointment to discuss potential research.

Sent from Chaouki's iPhone

**From:** Torres, Caleb J<caleb.torres@police.gatech.edu>  
**Sent on:** Thursday, January 27, 2022 12:22:03 AM  
**To:** Antonakakis, Manos<manos@gatech.edu>  
**CC:** Connolly, Robert<robert.connolly@police.gatech.edu>  
**Subject:** Items  
**Attachments:** coffeetalk-1.cc.gatech.edu.pdf (127.98 KB), Georgia Tech College of Computing git repository browser.pdf (130.96 KB)

See attached for discussed info on the server.

Thanks,  
Caleb



**From:** Antonakakis, Manos<manos@gatech.edu>

**Sent on:** Tuesday, September 28, 2021 1:36:05 PM

**To:** Fuller, Christian<christian.fuller@legal.gatech.edu>; Nie, Ling-Ling<linglingnie@gatech.edu>

**CC:** McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>; Connolly, Robert<robert.connolly@police.gatech.edu>

**Subject:** Krebs article on the SC

<https://twitter.com/briankrebs/status/1441044907922268166?s=21>

<https://krebsonsecurity.com/2021/09/lawsuits-indictments-revive-trump-alfa-bank-story/>

Not the best technical article, but good enough for non technical people to understand what is the core problem with the indictment. It is based on a technical argument that simply cannot be decided.

My thoughts after just reading this article from a very well respected journalist are:

- this entire technical incident is clearly not a clear cut. Five years since the first article surfaced still nobody can decide on this issue one way or another. This is effectively what I told the SC.
- This is a story that the entire security community is interested in. Krebs writes only about NatSec and Sec issues, so this alone shows that the SC was trying to frame me into saying that this incident was outside the network security work we should be doing at GT.
- I was really surprised to read (if true) that other universities that had researchers involved in analyzing the data (looks like very similar to what we did) refused to cooperate with the SC, yet I had to go through the hell I went through. Looks like a pure waste of time, especially since they refused to hear what I said. It is fair to assume that the fact that we worked with them probably caused us to be named in the indictment and the other universities were not named (because they didn't cooperate).

Perhaps a lesson to be learned from all these could be that academic freedom should be protected a bit better, especially until we have enough evidence that someone was involved into something clearly wrong.

Nearly four months after I "received" a subpoena, I still do not know what I possibly have done wrong in this case, I have a police car parked outside my house (the only good thing, actually — thanks Chief!), risking my entire reputation as a researcher because of the SC lies, my research team is freaking out (spent nearly 4 hours on calls yesterday calming them down without talking specifics) because of the conspiracy theories about what I have done in this case, and I am having to put my house in the market and relocate.

I do not think it is fair for me and especially [REDACTED] to be in this situation because I was doing my job.

Thanks, Manos

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Wednesday, January 27, 2021 4:47:56 PM  
**To:** Connolly, Robert<robert.connolly@police.gatech.edu>  
**Subject:** Local FBI contact

Chad Hunt, CISSP, CISM  
Supervisory Special Agent  
FBI Atlanta  
Computer Intrusion Squad (CY1)  
Desk: 770 216 3188  
Mobile: 404 392 1465  
[chunt@fbi.gov](mailto:chunt@fbi.gov)  
Thanks, Manos

**From:** "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
**Sent on:** Wednesday, January 26, 2022 8:55:17 PM  
**To:** McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Subject:** LOI from Cox  
**Attachments:** Document\_2022-01-26\_114052.pdf (1.52 MB)

Steve and Chaouki, the most important people in the community never stop believing and supporting us.

Here is an example of their support. This letter will go towards our big DARPA proposal, which we will submit this week.

Thanks, Manos

**From:** Egerstedt, Magnus<magnus.egerstedt@ece.gatech.edu>

**Sent on:** Tuesday, May 12, 2020 2:13:31 PM

**To:** Antonakakis, Manos<manos@gatech.edu>

**CC:** Askew, Teresa<teresa.askew@ece.gatech.edu>; Ellis, LaJauna F<lajauna.ellis@coe.gatech.edu>;  
McLaughlin, Steven W<swm@coe.gatech.edu>

**Subject:** Meeting request

Dear Manos;

Steve and I would like to have a quick meeting with you this week to share some news - topic of the meeting is somewhat shrouded in mystery at this point ☹☹

Can you please work with LaJauna and Teresa to try to find a slot on our respective calendars?

Best! / Magnus

—

Magnus Egerstedt, Ph.D.

Steve W. Chaddick School Chair and Professor

School of Electrical and Computer Engineering

Georgia Institute of Technology

[www.ece.gatech.edu](http://www.ece.gatech.edu)

[www.ece.gatech.edu/~magnus](http://www.ece.gatech.edu/~magnus)

*Georgia Tech ECE: Dreaming, Designing, and Getting it Done!*

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Tuesday, February 2, 2021 8:22:28 PM  
**To:** Abdallah, Chaouki T<ctabdallah@gatech.edu>; Connolly, Robert<robert.connolly@police.gatech.edu>  
**CC:** McLaughlin, Steven W<swm@gatech.edu>  
**Subject:** Meeting with the Chief of Police

Gentlemen,

Today I spent more than two hours with the Chief of Police and his team. They walked me through their processes, workflows but many other interesting things. I got to admit that we have a very solid team in GTPD, which rivals (if it is not better) than many other teams I have worked with at FBI/DoD.

Clearly, very impressed with our GTPD --- and you know me, I am almost never impressed with anything that has to do with GT!

Chief and I agreed that is in the best interest of GT to bring our teams closer. I will be exploring some research opportunities where I will build some new technologies for GTPD --- technologies that will help us protect our students and faculty by giving GTPD an early warning on potential threats.

Chief and his team, will reach out to me if Internet related "issues" come up where my knowledge and expertise can be used to expedite or assist an ongoing investigation --- this is the same thing I do for DoD. If I cannot help them directly (for policy or other reasons), I will be pointing them to the right industry entity so they can legally obtain the information necessary to their investigations.

Regarding the last email threat of interest, Chief has all my FBI contacts and the analysis I did for the case. I will be helping the GTPD agent in charge to handle this case at a technical attribution level from this point on --- after our discussion today, he will be reaching out as necessary.

At this point my recommendation would be to let the Chief and his team take point. Happy to explain at greater length why over a call.

Many Thanks,

—

Manos Antonakakis, Ph.D. | manos@gatech.edu  
College of Engineering Dean's Professorship Chair and Associate Professor  
Co-Director Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

**From:** Raychowdhury, Arijit<arijit.raychowdhury@ece.gatech.edu>

**Sent on:** Tuesday, January 18, 2022 5:07:40 PM

**To:** Ross, Kyla T<kyla.ross@gatech.edu>; Cuero, Evelinth<eve.cuero@gatech.edu>; Bloch, Matthieu R<matthieu.bloch@ece.gatech.edu>; Voss, Paul L<paul.voss@ece.gatech.edu>; Coyle, Edward J<ejc@gatech.edu>; Khan, Asif I<asif.khan@ece.gatech.edu>; Bousser, Bertrand P<bb130@gatech.edu>; Dupuis, Russell D<dupuis@gatech.edu>; Bakir, Muhannad S<mbakir@ece.gatech.edu>; Beyah, Raheem A<rbeyah@coe.gatech.edu>; Inan, Omer T<omer.inan@ece.gatech.edu>; Saltaformaggio, Brendan D<brendan@ece.gatech.edu>; Ayazi, Farrokh<farrokh.ayazi@ece.gatech.edu>; Barry, John R<john.barry@ece.gatech.edu>; Vogel, Eric M<eric.vogel@mse.gatech.edu>; Mihalik, Gregory<gmihalik3@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Brown, Chance<chance.brown@ece.gatech.edu>; Zhou, Tong<gtz@ece.gatech.edu>; Coogan, Samuel<sam.coogan@gatech.edu>; Frakes, David<frakes@gatech.edu>; Emelianov, Stanislav<stas@gatech.edu>; Romberg, Justin<jrom@ece.gatech.edu>; Shen, Shyh-Chiang<shyh.shen@ece.gatech.edu>; Nemeth, Jacqueline L<jackie.nemeth@ece.gatech.edu>; Frazier, Albert B<bruno.frazier@ece.gatech.edu>; Mukhopadhyay, Saibal<saibal.mukhopadhyay@ece.gatech.edu>; Doolittle, William Alan<alan.doolittle@ece.gatech.edu>; Davis, Jeffrey A<jeff.davis@ece.gatech.edu>; Bhatti, Pamela T<pamela.bhatti@ece.gatech.edu>; Ghalichechian, Nima<nima.1@gatech.edu>; Holcomb, Anna N<anna.holcomb@ece.gatech.edu>; Wang, Hua<hua.wang@ece.gatech.edu>; Anderson, David V<anderson@gatech.edu>; Muthukumar, Vidya K<vmuthukumar8@gatech.edu>; Brothers, Timothy J<timothy.brothers@ece.gatech.edu>; Vela, Patricio A<pvela@gatech.edu>; Molzahn, Daniel<molzahn@gatech.edu>; Graber, Lukas<lukas.graber@ece.gatech.edu>; Barnes, Christopher F<chris.barnes@gatech.edu>; Williams, Douglas B<doug.williams@coe.gatech.edu>; Lee, Chin-Hui<chinhui.lee@ece.gatech.edu>; Heck, Larry P<larryheck@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Vito, Raymond P<rpvito@gatech.edu>; Hunt, William D<bill.hunt@ece.gatech.edu>; Pittman, Etta<etta.pittman@ece.gatech.edu>; Cohen, Morris B<mcohen@gatech.edu>; Krishna, Tushar<tushar@ece.gatech.edu>; Saeedifard, Maryam<maryam@ece.gatech.edu>; Kippelen, Bernard J<kippelen@gatech.edu>; Yezzi, Anthony J<anthony.yezzi@ece.gatech.edu>; Yu, Shimeng<shimeng.yu@ece.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Owen, Henry L<henry.owen@ece.gatech.edu>; Ji, Chuanyi<jichuanyi@gatech.edu>; Habetler, Thomas G<tom.habetler@ece.gatech.edu>; Stuber, Gordon L<stuber@ece.gatech.edu>; Collins, Thomas R<tom.collins@gatech.edu>; Hao, Callie<callie.hao@gatech.edu>; Colburn, Jeffrey M<jeff.colburn@ece.gatech.edu>; Hartlein, Richard A<rick.hartlein@neetrac.gatech.edu>; Herrmann, Felix<felix.herrmann@gatech.edu>; Grijalva, Santiago C<sgrijalva@ece.gatech.edu>; Johnson, Kevin T<kjohnson@gatech.edu>; Fekri, Faramarz<faramarz.fekri@ece.gatech.edu>; Zhang, Ying<yzhang@gatech.edu>; Weitnauer, Mary A<mary.ann.weitnauer@ece.gatech.edu>; Zhang, Fumin<fzhang37@mail.gatech.edu>; Bourgeois, Christina M<christina.bourgeois@ece.gatech.edu>; Bhattacharya, Nivedita<nbhattacharya6@gatech.edu>; Gaylord, Thomas K<tgaylord@ece.gatech.edu>; Verriest, Erik I<erik.verriest@ece.gatech.edu>; Dillon, Linda<linda.dillon@ece.gatech.edu>; Hamblen, James O<jim.hamblen@ece.gatech.edu>; Ralph, Stephen E<stephen.ralph@ece.gatech.edu>; Naeemi, Azad J<azad@gatech.edu>; Haynes, Laura S<laura.haynes@ece.gatech.edu>; Moore, Elliot<em80@gatech.edu>; Cai, Wenshan<wcai@gatech.edu>; AlRegib, Ghassan<alregib@gatech.edu>; Li, Frank<frankli@gatech.edu>; Wills, Linda M<linda.wills@ece.gatech.edu>; Farrokh Ayazi<ayazi@stethxmicro.com>; Ma, Xiaoli<xiaoli@gatech.edu>; Cressler, John D<cressler@ece.gatech.edu>; Brand, Oliver<oliver.brand@ece.gatech.edu>; Rohatgi, Ajeet<ajeet.rohatgi@ece.gatech.edu>; Staiculescu, Daniela<daniela@ece.gatech.edu>; Steffes, Paul G<paul.steffes@ece.gatech.edu>; Blough, Douglas M<doug.blough@ece.gatech.edu>; Divan, Deepakraj M<ddivan@gatech.edu>; Conte, Tom<conte@gatech.edu>; Meliopoulos, A P<sakis.m@gatech.edu>; Kenney, James S<jskennedy@ece.gatech.edu>; Davenport, Mark A<mdav@gatech.edu>; Tentzeris, Emmanouil M<etentze@ece.gatech.edu>; Hasler, Jennifer O<jennifer.hasler@ece.gatech.edu>; Scott, Waymond R<waymond.scott@ece.gatech.edu>

**Subject:** <no subject>

[Play](#)

**From:** Grijalva, Santiago C<sgrijalva@ece.gatech.edu>

**Sent on:** Tuesday, January 18, 2022 5:06:47 PM

**To:** Raychowdhury, Arijit<arijit.raychowdhury@ece.gatech.edu>; Ross, Kyla T<kyla.ross@gatech.edu>; Cuero, Evelinth<eve.cuero@gatech.edu>; Bloch, Matthieu R<matthieu.bloch@ece.gatech.edu>; Voss, Paul L<paul.voss@ece.gatech.edu>; Coyle, Edward J<ejc@gatech.edu>; Khan, Asif I<asif.khan@ece.gatech.edu>; Boussert, Bertrand P<bb130@gatech.edu>; Dupuis, Russell D<dupuis@gatech.edu>; Bakir, Muhannad S<mbakir@ece.gatech.edu>; Beyah, Raheem A<rbeyah@coe.gatech.edu>; Inan, Omer T<omer.inan@ece.gatech.edu>; Saltaformaggio, Brendan D<brendan@ece.gatech.edu>; Ayazi, Farrokh<farrokh.ayazi@ece.gatech.edu>; Barry, John R<john.barry@ece.gatech.edu>; Vogel, Eric M<eric.vogel@mse.gatech.edu>; Mihalik, Gregory<gmihalik3@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Brown, Chance<chance.brown@ece.gatech.edu>; Zhou, Tong<gtz@ece.gatech.edu>; Coogan, Samuel<sam.coogan@gatech.edu>; Frakes, David<frakes@gatech.edu>; Emelianov, Stanislav<stas@gatech.edu>; Romberg, Justin<jrom@ece.gatech.edu>; Melkote, Siri G<siri.melkote@ece.gatech.edu>; Shen, Shyh-Chiang<shyh.shen@ece.gatech.edu>; Nemeth, Jacqueline L<jackie.nemeth@ece.gatech.edu>; Frazier, Albert B<bruno.frazier@ece.gatech.edu>; Mukhopadhyay, Saibal<saibal.mukhopadhyay@ece.gatech.edu>; Doolittle, William Alan<alan.doolittle@ece.gatech.edu>; Davis, Jeffrey A<jeff.davis@ece.gatech.edu>; Bhatti, Pamela T<pamela.bhatti@ece.gatech.edu>; Ghalichechian, Nima<nima.l@gatech.edu>; Holcomb, Anna N<anna.holcomb@ece.gatech.edu>; Wang, Hua<hua.wang@ece.gatech.edu>; Anderson, David V<anderson@gatech.edu>; Muthukumar, Vidya K<vmuthukumar8@gatech.edu>; Brothers, Timothy J<timothy.brothers@ece.gatech.edu>; Vela, Patricio A<pvela@gatech.edu>; Molzahn, Daniel<molzahn@gatech.edu>; Graber, Lukas<lukas.graber@ece.gatech.edu>; Barnes, Christopher F<chris.barnes@gatech.edu>; Williams, Douglas B<doug.williams@coe.gatech.edu>; Lee, Chin-Hui<chinhui.lee@ece.gatech.edu>; Heck, Larry P<larryheck@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Vito, Raymond P<rpvito@gatech.edu>; Hunt, William D<bill.hunt@ece.gatech.edu>; Pittman, Etta<etta.pittman@ece.gatech.edu>; Cohen, Morris B<mcohen@gatech.edu>; Krishna, Tushar<tushar@ece.gatech.edu>; Saeedifard, Maryam<maryam@ece.gatech.edu>; Kippelen, Bernard J<kippelen@gatech.edu>; Yezzi, Anthony J<anthony.yezzi@ece.gatech.edu>; Yu, Shimeng<shimeng.yu@ece.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Owen, Henry L<henry.owen@ece.gatech.edu>; Ji, Chuanyi<jichuanyi@gatech.edu>; Habetler, Thomas G<tom.habetler@ece.gatech.edu>; Stuber, Gordon L<stuber@ece.gatech.edu>; Collins, Thomas R<tom.collins@gatech.edu>; Hao, Callie<callie.hao@gatech.edu>; Colburn, Jeffrey M<jeff.colburn@ece.gatech.edu>; Hartlein, Richard A<rick.hartlein@neetrac.gatech.edu>; Herrmann, Felix<felix.herrmann@gatech.edu>; Johnson, Kevin T<kjohnson@gatech.edu>; Fekri, Faramarz<faramarz.fekri@ece.gatech.edu>; Zhang, Ying<yzhang@gatech.edu>; Weitnauer, Mary A<mary.ann.weitnauer@ece.gatech.edu>; Zhang, Fumin<fzhang37@mail.gatech.edu>; Bourgeois, Christina M<christina.bourgeois@ece.gatech.edu>; Bhattacharya, Nivedita<nbhattacharya6@gatech.edu>; Gaylord, Thomas K<tgaylord@ece.gatech.edu>; Verriest, Erik I<erik.verriest@ece.gatech.edu>; Dillon, Linda<linda.dillon@ece.gatech.edu>; Hamblen, James O<jim.hamblen@ece.gatech.edu>; Ralph, Stephen E<stephen.ralph@ece.gatech.edu>; Naeemi, Azad J<azad@gatech.edu>; Haynes, Laura S<laura.haynes@ece.gatech.edu>; Moore, Elliot<em80@gatech.edu>; Cai, Wenshan<wcai@gatech.edu>; AlRegib, Ghassan<alregib@gatech.edu>; Li, Frank<frankli@gatech.edu>; Wills, Linda M<linda.wills@ece.gatech.edu>; Farrokh Ayazi<ayazi@stethxmicro.com>; Ma, Xiaoli<xiaoli@gatech.edu>; Cressler, John D<cressler@ece.gatech.edu>; Brand, Oliver<oliver.brand@ece.gatech.edu>; Rohatgi, Ajeet<ajeet.rohatgi@ece.gatech.edu>; Staiculescu, Daniela<daniela@ece.gatech.edu>; Steffes, Paul G<paul.steffes@ece.gatech.edu>; Blough, Douglas M<doug.blough@ece.gatech.edu>; Divan, Deepakraj M<ddivan@gatech.edu>; Conte, Tom<conte@gatech.edu>; Meliopoulos, A P<sakis.m@gatech.edu>; Kenney, James S<jskenny@ece.gatech.edu>; Davenport, Mark A<mdav@gatech.edu>; Tentzeris, Emmanouil M<etentze@ece.gatech.edu>; Hasler, Jennifer O<jennifer.hasler@ece.gatech.edu>; Scott, Waymond R<waymond.scott@ece.gatech.edu>

**Subject:** <no subject>

Thanks Kyla.



Thank you, Kyla.

Thank you, Kyla! I'm looking forward to getting the slides.

I agree with assuming good intent, but how can we appropriately request proof of the positive COVID-19 test without having the student feel psychologically uncomfortable?

**From:** Heck, Larry P<larryheck@gatech.edu>

**Sent on:** Tuesday, January 18, 2022 4:40:01 PM

**To:** Raychowdhury, Arijit<arijit.raychowdhury@ece.gatech.edu>; Ross, Kyla T<kyla.ross@gatech.edu>; Cuero, Evelinth<eve.cuero@gatech.edu>; Bloch, Matthieu R<matthieu.bloch@ece.gatech.edu>; Voss, Paul L<paul.voss@ece.gatech.edu>; Coyle, Edward J<ejc@gatech.edu>; Khan, Asif I<asif.khan@ece.gatech.edu>; Boussert, Bertrand P<bb130@gatech.edu>; Dupuis, Russell D<dupuis@gatech.edu>; Bakir, Muhannad S<mbakir@ece.gatech.edu>; Beyah, Raheem A<rbeyah@coe.gatech.edu>; Inan, Omer T<omer.inan@ece.gatech.edu>; Saltaformaggio, Brendan D<brendan@ece.gatech.edu>; Ayazi, Farrokh<farrokh.ayazi@ece.gatech.edu>; Barry, John R<john.barry@ece.gatech.edu>; Vogel, Eric M<eric.vogel@mse.gatech.edu>; Mihalik, Gregory<gmihalik3@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Brown, Chance<chance.brown@ece.gatech.edu>; Zhou, Tong<gtz@ece.gatech.edu>; Coogan, Samuel<sam.coogan@gatech.edu>; Frakes, David<frakes@gatech.edu>; Emelianov, Stanislav<stas@gatech.edu>; Romberg, Justin<jrom@ece.gatech.edu>; Melkote, Siri G<siri.melkote@ece.gatech.edu>; Shen, Shyh-Chiang<shyh.shen@ece.gatech.edu>; Nemeth, Jacqueline L<jackie.nemeth@ece.gatech.edu>; Frazier, Albert B<bruno.frazier@ece.gatech.edu>; Mukhopadhyay, Saibal<saibal.mukhopadhyay@ece.gatech.edu>; Doolittle, William Alan<alan.doolittle@ece.gatech.edu>; Davis, Jeffrey A<jeff.davis@ece.gatech.edu>; Bhatti, Pamela T<pamela.bhatti@ece.gatech.edu>; Ghalichechian, Nima<nima.l@gatech.edu>; Holcomb, Anna N<anna.holcomb@ece.gatech.edu>; Wang, Hua<hua.wang@ece.gatech.edu>; Anderson, David V<anderson@gatech.edu>; Muthukumar, Vidya K<vmuthukumar8@gatech.edu>; Brothers, Timothy J<timothy.brothers@ece.gatech.edu>; Vela, Patricio A<pvela@gatech.edu>; Molzahn, Daniel<molzahn@gatech.edu>; Graber, Lukas<lukas.graber@ece.gatech.edu>; Barnes, Christopher F<chris.barnes@gatech.edu>; Williams, Douglas B<doug.williams@coe.gatech.edu>; Lee, Chin-Hui<chinhui.lee@ece.gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Vito, Raymond P<rpvito@gatech.edu>; Hunt, William D<bill.hunt@ece.gatech.edu>; Pittman, Etta<etta.pittman@ece.gatech.edu>; Cohen, Morris B<mcohen@gatech.edu>; Krishna, Tushar<tushar@ece.gatech.edu>; Saedifard, Maryam<maryam@ece.gatech.edu>; Kippelen, Bernard J<kippelen@gatech.edu>; Yezzi, Anthony J<anthony.yezzi@ece.gatech.edu>; Yu, Shimeng<shimeng.yu@ece.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Owen, Henry L<henry.owen@ece.gatech.edu>; Ji, Chuanyi<jichuanyi@gatech.edu>; Habetler, Thomas G<tom.habetler@ece.gatech.edu>; Stuber, Gordon L<stuber@ece.gatech.edu>; Collins, Thomas R<tom.collins@gatech.edu>; Hao, Callie<callie.hao@gatech.edu>; Colburn, Jeffrey M<jeff.colburn@ece.gatech.edu>; Hartlein, Richard A<rick.hartlein@neetrac.gatech.edu>; Herrmann, Felix<felix.herrmann@gatech.edu>; Grijalva, Santiago C<sgrijalva@ece.gatech.edu>; Johnson, Kevin T<kjohnson@gatech.edu>; Fekri, Faramarz<faramarz.fekri@ece.gatech.edu>; Zhang, Ying<yzhang@gatech.edu>; Weitnauer, Mary A<mary.ann.weitnauer@ece.gatech.edu>; Zhang, Fumin<fzhang37@mail.gatech.edu>; Bourgeois, Christina M<christina.bourgeois@ece.gatech.edu>; Bhattacharya, Nivedita<nbhattacharya6@gatech.edu>; Gaylord, Thomas K<tgaylord@ece.gatech.edu>; Verriest, Erik I<erik.verriest@ece.gatech.edu>; Dillon, Linda<linda.dillon@ece.gatech.edu>; Hamblen, James O<jim.hamblen@ece.gatech.edu>; Ralph, Stephen E<stephen.ralph@ece.gatech.edu>; Naeemi, Azad J<azad@gatech.edu>; Haynes, Laura S<laura.haynes@ece.gatech.edu>; Moore, Elliot<em80@gatech.edu>; Cai, Wenshan<wcai@gatech.edu>; AlRegib, Ghassan<alregib@gatech.edu>; Li, Frank<frankli@gatech.edu>; Wills, Linda M<linda.wills@ece.gatech.edu>; Farrokh Ayazi<ayazi@stethxmicro.com>; Ma, Xiaoli<xiaoli@gatech.edu>; Cressler, John D<cressler@ece.gatech.edu>; Brand, Oliver<oliver.brand@ece.gatech.edu>; Rohatgi, Ajeet<ajeet.rohatgi@ece.gatech.edu>; Staiculescu, Daniela<daniela@ece.gatech.edu>; Steffes, Paul G<paul.steffes@ece.gatech.edu>; Blough, Douglas M<doug.blough@ece.gatech.edu>; Divan, Deepakraj M<ddivan@gatech.edu>; Conte, Tom<conte@gatech.edu>; Meliopoulos, A P<sakis.m@gatech.edu>; Kenney, James S<jskenney@ece.gatech.edu>; Davenport, Mark A<mdav@gatech.edu>; Tentzeris, Emmanouil M<etentze@ece.gatech.edu>

**Subject:** <no subject>

yes

YAY!

**From:** Bakir, Muhannad S<mbakir@ece.gatech.edu>

**Sent on:** Tuesday, January 18, 2022 4:35:06 PM

**To:** Raychowdhury, Arijit<arijit.raychowdhury@ece.gatech.edu>; Ross, Kyla T<kyla.ross@gatech.edu>; Cuero, Evelinth<eve.cuero@gatech.edu>; Bloch, Matthieu R<matthieu.bloch@ece.gatech.edu>; Voss, Paul L<paul.voss@ece.gatech.edu>; Coyle, Edward J<ejc@gatech.edu>; Khan, Asif I<asif.khan@ece.gatech.edu>; Boussert, Bertrand P<bb130@gatech.edu>; Dupuis, Russell D<dupuis@gatech.edu>; Beyah, Raheem A<rbeyah@coe.gatech.edu>; Inan, Omer T<omer.inan@ece.gatech.edu>; Saltaformaggio, Brendan D<brendan@ece.gatech.edu>; Ayazi, Farrokh<farrokh.ayazi@ece.gatech.edu>; Barry, John R<john.barry@ece.gatech.edu>; Vogel, Eric M<eric.vogel@mse.gatech.edu>; Mihalik, Gregory<gmihalik3@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Brown, Chance<chance.brown@ece.gatech.edu>; Zhou, Tong<gtz@ece.gatech.edu>; Coogan, Samuel<sam.coogan@gatech.edu>; Frakes, David<frakes@gatech.edu>; Emelianov, Stanislav<stas@gatech.edu>; Romberg, Justin<jrom@ece.gatech.edu>; Melkote, Siri G<siri.melkote@ece.gatech.edu>; Shen, Shyh-Chiang<shyh.shen@ece.gatech.edu>; Nemeth, Jacqueline L<jackie.nemeth@ece.gatech.edu>; Frazier, Albert B<bruno.frazier@ece.gatech.edu>; Mukhopadhyay, Saibal<saibal.mukhopadhyay@ece.gatech.edu>; Doolittle, William Alan<alan.doolittle@ece.gatech.edu>; Davis, Jeffrey A<jeff.davis@ece.gatech.edu>; Bhatti, Pamela T<pamela.bhatti@ece.gatech.edu>; Ghalichechian, Nima<nima.l@gatech.edu>; Holcomb, Anna N<anna.holcomb@ece.gatech.edu>; Wang, Hua<hua.wang@ece.gatech.edu>; Anderson, David V<anderson@gatech.edu>; Muthukumar, Vidya K<vmuthukumar8@gatech.edu>; Brothers, Timothy J<timothy.brothers@ece.gatech.edu>; Vela, Patricio A<pvela@gatech.edu>; Molzahn, Daniel<molzahn@gatech.edu>; Graber, Lukas<lukas.graber@ece.gatech.edu>; Barnes, Christopher F<chris.barnes@gatech.edu>; Williams, Douglas B<doug.williams@coe.gatech.edu>; Lee, Chin-Hui<chinhui.lee@ece.gatech.edu>; Heck, Larry P<larryheck@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Vito, Raymond P<rpvito@gatech.edu>; Hunt, William D<bill.hunt@ece.gatech.edu>; Pittman, Etta<etta.pittman@ece.gatech.edu>; Cohen, Morris B<mcohen@gatech.edu>; Krishna, Tushar<tushar@ece.gatech.edu>; Saeedifard, Maryam<maryam@ece.gatech.edu>; Kippelen, Bernard J<kippelen@gatech.edu>; Yezzi, Anthony J<anthony.yezzi@ece.gatech.edu>; Yu, Shimeng<shimeng.yu@ece.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Owen, Henry L<henry.owen@ece.gatech.edu>; Ji, Chuanyi<jichuanyi@gatech.edu>; Habetler, Thomas G<tom.habetler@ece.gatech.edu>; Stuber, Gordon L<stuber@ece.gatech.edu>; Collins, Thomas R<tom.collins@gatech.edu>; Hao, Callie<callie.hao@gatech.edu>; Colburn, Jeffrey M<jeff.colburn@ece.gatech.edu>; Hartlein, Richard A<rick.hartlein@neetrac.gatech.edu>; Herrmann, Felix<felix.herrmann@gatech.edu>; Grijalva, Santiago C<sgrijalva@ece.gatech.edu>; Johnson, Kevin T<kjohnson@gatech.edu>; Fekri, Faramarz<faramarz.fekri@ece.gatech.edu>; Zhang, Ying<yzhang@gatech.edu>; Weitnauer, Mary A<mary.ann.weitnauer@ece.gatech.edu>; Zhang, Fumin<fzhang37@mail.gatech.edu>; Bourgeois, Christina M<christina.bourgeois@ece.gatech.edu>; Bhattacharya, Nivedita<nbhattacharya6@gatech.edu>; Gaylord, Thomas K<tgaylord@ece.gatech.edu>; Verriest, Erik I<erik.verriest@ece.gatech.edu>; Dillon, Linda<linda.dillon@ece.gatech.edu>; Hamblen, James O<jim.hamblen@ece.gatech.edu>; Ralph, Stephen E<stephen.ralph@ece.gatech.edu>; Naeemi, Azad J<azad@gatech.edu>; Haynes, Laura S<laura.haynes@ece.gatech.edu>; Moore, Elliot<em80@gatech.edu>; Cai, Wenshan<wcai@gatech.edu>; AlRegib, Ghassan<alregib@gatech.edu>; Li, Frank<frankli@gatech.edu>; Wills, Linda M<linda.wills@ece.gatech.edu>; Farrokh Ayazi<ayazi@stethxmicro.com>; Ma, Xiaoli<xiaoli@gatech.edu>; Cressler, John D<cressler@ece.gatech.edu>; Brand, Oliver<oliver.brand@ece.gatech.edu>; Rohatgi, Ajeet<ajeet.rohatgi@ece.gatech.edu>; Staiculescu, Daniela<daniela@ece.gatech.edu>; Steffes, Paul G<paul.steffes@ece.gatech.edu>; Blough, Douglas M<doug.blough@ece.gatech.edu>; Divan, Deepakraj M<ddivan@gatech.edu>; Conte, Tom<conte@gatech.edu>; Meliopoulos, A P<sakis.m@gatech.edu>; Kenney, James S<jskennedy@ece.gatech.edu>; Davenport, Mark A<mdav@gatech.edu>; Tentzeris, Emmanouil M<etentze@ece.gatech.edu>

**Subject:** <no subject>

Is there a written document with all the details for the faculty to review.

**From:** Brand, Oliver<oliver.brand@ece.gatech.edu>

**Sent on:** Tuesday, January 18, 2022 4:24:38 PM

**To:** Raychowdhury, Arijit<arijit.raychowdhury@ece.gatech.edu>; Ross, Kyla T<kyla.ross@gatech.edu>; Cuero, Evelinth<eve.cuero@gatech.edu>; Bloch, Matthieu R<matthieu.bloch@ece.gatech.edu>; Voss, Paul L<paul.voss@ece.gatech.edu>; Coyle, Edward J<ejc@gatech.edu>; Khan, Asif I<asif.khan@ece.gatech.edu>; Boussert, Bertrand P<bb130@gatech.edu>; Dupuis, Russell D<dupuis@gatech.edu>; Bakir, Muhannad S<mbakir@ece.gatech.edu>; Beyah, Raheem A<rbeyah@coe.gatech.edu>; Inan, Omer T<omer.inan@ece.gatech.edu>; Saltaformaggio, Brendan D<brendan@ece.gatech.edu>; Ayazi, Farrokh<farrokh.ayazi@ece.gatech.edu>; Barry, John R<john.barry@ece.gatech.edu>; Vogel, Eric M<eric.vogel@mse.gatech.edu>; Mihalik, Gregory<gmihalik3@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Brown, Chance<chance.brown@ece.gatech.edu>; Zhou, Tong<gtz@ece.gatech.edu>; Coogan, Samuel<sam.coogan@gatech.edu>; Frakes, David<frakes@gatech.edu>; Emelianov, Stanislav<stas@gatech.edu>; Romberg, Justin<jrom@ece.gatech.edu>; Melkote, Siri G<siri.melkote@ece.gatech.edu>; Shen, Shyh-Chiang<shyh.shen@ece.gatech.edu>; Nemeth, Jacqueline L<jackie.nemeth@ece.gatech.edu>; Frazier, Albert B<bruno.frazier@ece.gatech.edu>; Mukhopadhyay, Saibal<saibal.mukhopadhyay@ece.gatech.edu>; Doolittle, William Alan<alan.doolittle@ece.gatech.edu>; Davis, Jeffrey A<jeff.davis@ece.gatech.edu>; Bhatti, Pamela T<pamela.bhatti@ece.gatech.edu>; Ghalichechian, Nima<nima.l@gatech.edu>; Holcomb, Anna N<anna.holcomb@ece.gatech.edu>; Wang, Hua<hua.wang@ece.gatech.edu>; Anderson, David V<anderson@gatech.edu>; Muthukumar, Vidya K<vmuthukumar8@gatech.edu>; Brothers, Timothy J<timothy.brothers@ece.gatech.edu>; Vela, Patricio A<pvela@gatech.edu>; Molzahn, Daniel<molzahn@gatech.edu>; Graber, Lukas<lukas.graber@ece.gatech.edu>; Barnes, Christopher F<chris.barnes@gatech.edu>; Williams, Douglas B<doug.williams@coe.gatech.edu>; Lee, Chin-Hui<chinhui.lee@ece.gatech.edu>; Heck, Larry P<larryheck@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Vito, Raymond P<rpvito@gatech.edu>; Hunt, William D<bill.hunt@ece.gatech.edu>; Pittman, Etta<etta.pittman@ece.gatech.edu>; Cohen, Morris B<mcohen@gatech.edu>; Krishna, Tushar<tushar@ece.gatech.edu>; Saeedifard, Maryam<maryam@ece.gatech.edu>; Kippelen, Bernard J<kippelen@gatech.edu>; Yezzi, Anthony J<anthony.yezzi@ece.gatech.edu>; Yu, Shimeng<shimeng.yu@ece.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Owen, Henry L<henry.owen@ece.gatech.edu>; Ji, Chuanyi<jichuanyi@gatech.edu>; Habetler, Thomas G<tom.habetler@ece.gatech.edu>; Stuber, Gordon L<stuber@ece.gatech.edu>; Collins, Thomas R<tom.collins@gatech.edu>; Hao, Callie<callie.hao@gatech.edu>; Colburn, Jeffrey M<jeff.colburn@ece.gatech.edu>; Hartlein, Richard A<rick.hartlein@neetrac.gatech.edu>; Herrmann, Felix<felix.herrmann@gatech.edu>; Grijalva, Santiago C<sgrijalva@ece.gatech.edu>; Johnson, Kevin T<kjohnson@gatech.edu>; Fekri, Faramarz<faramarz.fekri@ece.gatech.edu>; Zhang, Ying<yzhang@gatech.edu>; Weitnauer, Mary A<mary.ann.weitnauer@ece.gatech.edu>; Zhang, Fumin<fzhang37@mail.gatech.edu>; Bourgeois, Christina M<christina.bourgeois@ece.gatech.edu>; Bhattacharya, Nivedita<nbhattacharya6@gatech.edu>; Gaylord, Thomas K<tgaylord@ece.gatech.edu>; Verriest, Erik I<erik.verriest@ece.gatech.edu>; Dillon, Linda<linda.dillon@ece.gatech.edu>; Hamblen, James O<jim.hamblen@ece.gatech.edu>; Ralph, Stephen E<stephen.ralph@ece.gatech.edu>; Naeemi, Azad J<azad@gatech.edu>; Haynes, Laura S<laura.haynes@ece.gatech.edu>; Moore, Elliot<em80@gatech.edu>; Cai, Wenshan<wcai@gatech.edu>; AlRegib, Ghassan<alregib@gatech.edu>; Li, Frank<frankli@gatech.edu>; Wills, Linda M<linda.wills@ece.gatech.edu>; Farrokh Ayazi<ayazi@stethxmicro.com>; Ma, Xiaoli<xiaoli@gatech.edu>; Cressler, John D<cressler@ece.gatech.edu>; Rohatgi, Ajeet<ajeet.rohatgi@ece.gatech.edu>; Staiculescu, Daniela<daniela@ece.gatech.edu>; Steffes, Paul G<paul.steffes@ece.gatech.edu>; Blough, Douglas M<doug.blough@ece.gatech.edu>; Divan, Deepakraj M<ddivan@gatech.edu>; Conte, Tom<conte@gatech.edu>; Meliopoulos, A P<sakis.m@gatech.edu>; Kenney, James S<jskenney@ece.gatech.edu>; Davenport, Mark A<mdav@gatech.edu>

**Subject:** <no subject>



**Brown, Chance**

We can make them available to others across campus. Brian and his team should already have access to everything that we have developed so far

Thank you!

**Brand, Oliver**

Chance, this is great. Are these reports limited to ECE or campus wide?

We can make them available to others across campus. Brian and his team should already have access to everything that we have developed so far

Chance, this is great. Are these reports limited to ECE or campus wide?

Chance. This is great!

That's great Chance!

**From:** Raychowdhury, Arijit<arijit.raychowdhury@ece.gatech.edu>  
**Sent on:** Tuesday, January 18, 2022 4:01:01 PM  
**To:** Ross, Kyla T<kyla.ross@gatech.edu>; Cuero, Evelinth<eve.cuero@gatech.edu>; Bloch, Matthieu R<matthieu.bloch@ece.gatech.edu>; Voss, Paul L<paul.voss@ece.gatech.edu>; Coyle, Edward J<ejc@gatech.edu>; Khan, Asif I<asif.khan@ece.gatech.edu>; Boussert, Bertrand P<bb130@gatech.edu>; Dupuis, Russell D<dupuis@gatech.edu>; Bakir, Muhannad S<mbakir@ece.gatech.edu>; Beyah, Raheem A<rbeyah@coe.gatech.edu>; Inan, Omer T<omer.inan@ece.gatech.edu>; Saltaformaggio, Brendan D<brendan@ece.gatech.edu>; Ayazi, Farrokh<farrokh.ayazi@ece.gatech.edu>; Barry, John R<john.barry@ece.gatech.edu>; Vogel, Eric M<eric.vogel@mse.gatech.edu>; Mihalik, Gregory<gmihalik3@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Brown, Chance<chance.brown@ece.gatech.edu>; Zhou, Tong<gtz@ece.gatech.edu>; Coogan, Samuel<sam.coogan@gatech.edu>; Frakes, David<frakes@gatech.edu>; Emelianov, Stanislav<stas@gatech.edu>; Romberg, Justin<jrom@ece.gatech.edu>; Melkote, Siri G<siri.melkote@ece.gatech.edu>; Shen, Shyh-Chiang<shyh.shen@ece.gatech.edu>; Nemeth, Jacqueline L<jackie.nemeth@ece.gatech.edu>; Frazier, Albert B<bruno.frazier@ece.gatech.edu>; Mukhopadhyay, Saibal<saibal.mukhopadhyay@ece.gatech.edu>; Doolittle, William Alan<alan.doolittle@ece.gatech.edu>; Davis, Jeffrey A<jeff.davis@ece.gatech.edu>; Bhatti, Pamela T<pamela.bhatti@ece.gatech.edu>; Ghalichechian, Nima<nima.l@gatech.edu>; Holcomb, Anna N<anna.holcomb@ece.gatech.edu>; Wang, Hua<hua.wang@ece.gatech.edu>; Anderson, David V<anderson@gatech.edu>; Muthukumar, Vidya K<vmuthukumar8@gatech.edu>; Brothers, Timothy J<timothy.brothers@ece.gatech.edu>; Vela, Patricio A<pvela@gatech.edu>; Molzahn, Daniel<molzahn@gatech.edu>; Graber, Lukas<lukas.graber@ece.gatech.edu>; Barnes, Christopher F<chris.barnes@gatech.edu>; Williams, Douglas B<doug.williams@coe.gatech.edu>; Lee, Chin-Hui<chinhui.lee@ece.gatech.edu>; Heck, Larry P<larryheck@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Vito, Raymond P<rpvito@gatech.edu>; Hunt, William D<bill.hunt@ece.gatech.edu>; Pittman, Etta<etta.pittman@ece.gatech.edu>; Cohen, Morris B<mcohen@gatech.edu>; Krishna, Tushar<tushar@ece.gatech.edu>; Saeedifard, Maryam<maryam@ece.gatech.edu>; Kippelen, Bernard J<kippelen@gatech.edu>; Yezzi, Anthony J<anthony.yezzi@ece.gatech.edu>; Yu, Shimeng<shimeng.yu@ece.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Owen, Henry L<henry.owen@ece.gatech.edu>; Ji, Chuanyi<jichuanyi@gatech.edu>; Habetler, Thomas G<tom.habetler@ece.gatech.edu>; Stuber, Gordon L<stuber@ece.gatech.edu>; Collins, Thomas R<tom.collins@gatech.edu>; Hao, Callie<callie.hao@gatech.edu>; Colburn, Jeffrey M<jeff.colburn@ece.gatech.edu>; Hartlein, Richard A<rick.hartlein@neetrac.gatech.edu>; Herrmann, Felix<felix.herrmann@gatech.edu>; Grijalva, Santiago C<sgrijalva@ece.gatech.edu>; Johnson, Kevin T<kjohnson@gatech.edu>; Fekri, Faramarz<faramarz.fekri@ece.gatech.edu>; Zhang, Ying<yzhang@gatech.edu>; Weitnauer, Mary A<mary.ann.weitnauer@ece.gatech.edu>; Zhang, Fumin<fzhang37@mail.gatech.edu>; Bourgeois, Christina M<christina.bourgeois@ece.gatech.edu>; Bhattacharya, Nivedita<nbhattacharya6@gatech.edu>; Gaylord, Thomas K<tgaylord@ece.gatech.edu>; Verriest, Erik I<erik.verriest@ece.gatech.edu>; Dillon, Linda<linda.dillon@ece.gatech.edu>; Hamblen, James O<jim.hamblen@ece.gatech.edu>; Ralph, Stephen E<stephen.ralph@ece.gatech.edu>; Naeemi, Azad J<azad@gatech.edu>; Haynes, Laura S<laura.haynes@ece.gatech.edu>; Moore, Elliot<em80@gatech.edu>; Cai, Wenshan<wcai@gatech.edu>  
**Subject:** <no subject>  
**Attachments:** 0-eus-d19-906cbd65bf7039574af87801a867ffab (460.62 KB), 0-eus-d19-906cbd65bf7039574af87801a867ffab (613.22 KB)

[Play](#)

**From:** Raychowdhury, Arijit<arijit.raychowdhury@ece.gatech.edu>

**Sent on:** Tuesday, January 18, 2022 4:00:06 PM

**To:** Ross, Kyla T<kyla.ross@gatech.edu>; Cuero, Evelinth<eve.cuero@gatech.edu>; Bloch, Matthieu R<matthieu.bloch@ece.gatech.edu>; Voss, Paul L<paul.voss@ece.gatech.edu>; Coyle, Edward J<ejc@gatech.edu>; Khan, Asif I<asif.khan@ece.gatech.edu>; Bousser, Bertrand P<bb130@gatech.edu>; Dupuis, Russell D<dupuis@gatech.edu>; Bakir, Muhannad S<mbakir@ece.gatech.edu>; Beyah, Raheem A<rbeyah@coe.gatech.edu>; Inan, Omer T<omer.inan@ece.gatech.edu>; Saltaformaggio, Brendan D<brendan@ece.gatech.edu>; Ayazi, Farrokh<farrokh.ayazi@ece.gatech.edu>; Barry, John R<john.barry@ece.gatech.edu>; Vogel, Eric M<eric.vogel@mse.gatech.edu>; Mihalik, Gregory<gmihalik3@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Brown, Chance<chance.brown@ece.gatech.edu>; Zhou, Tong<gtz@ece.gatech.edu>; Coogan, Samuel<sam.coogan@gatech.edu>; Frakes, David<frakes@gatech.edu>; Emelianov, Stanislav<stas@gatech.edu>; Romberg, Justin<jrom@ece.gatech.edu>; Melkote, Siri G<siri.melkote@ece.gatech.edu>; Shen, Shyh-Chiang<shyh.shen@ece.gatech.edu>; Nemeth, Jacqueline L<jackie.nemeth@ece.gatech.edu>; Frazier, Albert B<bruno.frazier@ece.gatech.edu>; Mukhopadhyay, Saibal<saibal.mukhopadhyay@ece.gatech.edu>; Doolittle, William Alan<alan.doolittle@ece.gatech.edu>; Davis, Jeffrey A<jeff.davis@ece.gatech.edu>; Bhatti, Pamela T<pamela.bhatti@ece.gatech.edu>; Ghalichechian, Nima<nima.1@gatech.edu>; Holcomb, Anna N<anna.holcomb@ece.gatech.edu>; Wang, Hua<hua.wang@ece.gatech.edu>; Anderson, David V<anderson@gatech.edu>; Muthukumar, Vidya K<vmuthukumar8@gatech.edu>; Brothers, Timothy J<timothy.brothers@ece.gatech.edu>; Vela, Patricio A<pvela@gatech.edu>; Molzahn, Daniel<molzahn@gatech.edu>; Graber, Lukas<lukas.graber@ece.gatech.edu>; Barnes, Christopher F<chris.barnes@gatech.edu>; Williams, Douglas B<doug.williams@coe.gatech.edu>; Lee, Chin-Hui<chinhui.lee@ece.gatech.edu>; Heck, Larry P<larryheck@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Vito, Raymond P<rpvito@gatech.edu>; Hunt, William D<bill.hunt@ece.gatech.edu>; Pittman, Etta<etta.pittman@ece.gatech.edu>; Cohen, Morris B<mcohen@gatech.edu>; Krishna, Tushar<tushar@ece.gatech.edu>; Saeedifard, Maryam<maryam@ece.gatech.edu>; Kippelen, Bernard J<kippelen@gatech.edu>; Yezzi, Anthony J<anthony.yezzi@ece.gatech.edu>; Yu, Shimeng<shimeng.yu@ece.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Owen, Henry L<henry.owen@ece.gatech.edu>; Ji, Chuanyi<jichuanyi@gatech.edu>; Habetler, Thomas G<tom.habetler@ece.gatech.edu>; Stuber, Gordon L<stuber@ece.gatech.edu>; Collins, Thomas R<tom.collins@gatech.edu>; Hao, Callie<callie.hao@gatech.edu>; Colburn, Jeffrey M<jeff.colburn@ece.gatech.edu>; Hartlein, Richard A<rick.hartlein@neetrac.gatech.edu>; Herrmann, Felix<felix.herrmann@gatech.edu>; Grijalva, Santiago C<sgrijalva@ece.gatech.edu>; Johnson, Kevin T<kjohnson@gatech.edu>; Fekri, Famarz<famarz.fekri@ece.gatech.edu>; Zhang, Ying<yzhang@gatech.edu>; Weitnauer, Mary A<mary.ann.weitnauer@ece.gatech.edu>; Zhang, Fumin<fzhang37@mail.gatech.edu>; Bourgeois, Christina M<christina.bourgeois@ece.gatech.edu>; Bhattacharya, Nivedita<nbhattacharya6@gatech.edu>; Gaylord, Thomas K<tgaylord@ece.gatech.edu>; Verriest, Erik I<erik.verriest@ece.gatech.edu>; Dillon, Linda<linda.dillon@ece.gatech.edu>; Hamblen, James O<jim.hamblen@ece.gatech.edu>

**Subject:** <no subject>

[Play](#)

**From:** Raychowdhury, Arijit<arijit.raychowdhury@ece.gatech.edu>

**Sent on:** Tuesday, January 18, 2022 3:59:54 PM

**To:** Ross, Kyla T<kyla.ross@gatech.edu>; Cuero, Evelinth<eve.cuero@gatech.edu>; Bloch, Matthieu R<matthieu.bloch@ece.gatech.edu>; Voss, Paul L<paul.voss@ece.gatech.edu>; Coyle, Edward J<ejc@gatech.edu>; Khan, Asif I<asif.khan@ece.gatech.edu>; Bousser, Bertrand P<bb130@gatech.edu>; Dupuis, Russell D<dupuis@gatech.edu>; Bakir, Muhannad S<mbakir@ece.gatech.edu>; Beyah, Raheem A<rbeyah@coe.gatech.edu>; Inan, Omer T<omer.inan@ece.gatech.edu>; Saltaformaggio, Brendan D<brendan@ece.gatech.edu>; Ayazi, Farrokh<farrokh.ayazi@ece.gatech.edu>; Barry, John R<john.barry@ece.gatech.edu>; Vogel, Eric M<eric.vogel@mse.gatech.edu>; Mihalik, Gregory<gmihalik3@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Brown, Chance<chance.brown@ece.gatech.edu>; Zhou, Tong<gtz@ece.gatech.edu>; Coogan, Samuel<sam.coogan@gatech.edu>; Frakes, David<frakes@gatech.edu>; Emelianov, Stanislav<stas@gatech.edu>; Romberg, Justin<jrom@ece.gatech.edu>; Melkote, Siri G<siri.melkote@ece.gatech.edu>; Shen, Shyh-Chiang<shyh.shen@ece.gatech.edu>; Nemeth, Jacqueline L<jackie.nemeth@ece.gatech.edu>; Frazier, Albert B<bruno.frazier@ece.gatech.edu>; Mukhopadhyay, Saibal<saibal.mukhopadhyay@ece.gatech.edu>; Doolittle, William Alan<alan.doolittle@ece.gatech.edu>; Davis, Jeffrey A<jeff.davis@ece.gatech.edu>; Bhatti, Pamela T<pamela.bhatti@ece.gatech.edu>; Ghalichechian, Nima<nima.l@gatech.edu>; Holcomb, Anna N<anna.holcomb@ece.gatech.edu>; Wang, Hua<hua.wang@ece.gatech.edu>; Anderson, David V<anderson@gatech.edu>; Muthukumar, Vidya K<vmuthukumar8@gatech.edu>; Brothers, Timothy J<timothy.brothers@ece.gatech.edu>; Vela, Patricio A<pvela@gatech.edu>; Molzahn, Daniel<molzahn@gatech.edu>; Graber, Lukas<lukas.graber@ece.gatech.edu>; Barnes, Christopher F<chris.barnes@gatech.edu>; Williams, Douglas B<doug.williams@coe.gatech.edu>; Lee, Chin-Hui<chinhui.lee@ece.gatech.edu>; Heck, Larry P<larryheck@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Vito, Raymond P<rpvito@gatech.edu>; Hunt, William D<bill.hunt@ece.gatech.edu>; Pittman, Etta<etta.pittman@ece.gatech.edu>; Cohen, Morris B<mcohen@gatech.edu>; Krishna, Tushar<tushar@ece.gatech.edu>; Saeedifard, Maryam<maryam@ece.gatech.edu>; Kippelen, Bernard J<kippelen@gatech.edu>; Yezzi, Anthony J<anthony.yezzi@ece.gatech.edu>; Yu, Shimeng<shimeng.yu@ece.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Owen, Henry L<henry.owen@ece.gatech.edu>; Ji, Chuanyi<jichuanyi@gatech.edu>; Habetler, Thomas G<tom.habetler@ece.gatech.edu>; Stuber, Gordon L<stuber@ece.gatech.edu>; Collins, Thomas R<tom.collins@gatech.edu>; Hao, Callie<callie.hao@gatech.edu>; Colburn, Jeffrey M<jeff.colburn@ece.gatech.edu>; Hartlein, Richard A<rick.hartlein@neetrac.gatech.edu>; Herrmann, Felix<felix.herrmann@gatech.edu>; Grijalva, Santiago C<sgrijalva@ece.gatech.edu>; Johnson, Kevin T<kjohnson@gatech.edu>; Fekri, Famarz<famarz.fekri@ece.gatech.edu>; Zhang, Ying<yzhang@gatech.edu>; Weitnauer, Mary A<mary.ann.weitnauer@ece.gatech.edu>; Zhang, Fumin<fzhang37@mail.gatech.edu>; Bourgeois, Christina M<christina.bourgeois@ece.gatech.edu>; Bhattacharya, Nivedita<nbhattacharya6@gatech.edu>; Gaylord, Thomas K<tgaylord@ece.gatech.edu>; Verriest, Erik I<erik.verriest@ece.gatech.edu>; Dillon, Linda<linda.dillon@ece.gatech.edu>

**Subject:** <no subject>

[Play](#)



**From:** Raychowdhury, Arijit<arijit.raychowdhury@ece.gatech.edu>

**Sent on:** Tuesday, January 18, 2022 3:59:29 PM

**To:** Ross, Kyla T<kyla.ross@gatech.edu>; Cuero, Evelinth<eve.cuero@gatech.edu>; Bloch, Matthieu R<matthieu.bloch@ece.gatech.edu>; Voss, Paul L<paul.voss@ece.gatech.edu>; Coyle, Edward J<ejc@gatech.edu>; Khan, Asif I<asif.khan@ece.gatech.edu>; Bousser, Bertrand P<bb130@gatech.edu>; Dupuis, Russell D<dupuis@gatech.edu>; Bakir, Muhannad S<mbakir@ece.gatech.edu>; Beyah, Raheem A<rbeyah@coe.gatech.edu>; Inan, Omer T<omer.inan@ece.gatech.edu>; Saltaformaggio, Brendan D<brendan@ece.gatech.edu>; Ayazi, Farrokh<farrokh.ayazi@ece.gatech.edu>; Barry, John R<john.barry@ece.gatech.edu>; Vogel, Eric M<eric.vogel@mse.gatech.edu>; Mihalik, Gregory<gmihalik3@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Brown, Chance<chance.brown@ece.gatech.edu>; Zhou, Tong<gtz@ece.gatech.edu>; Coogan, Samuel<sam.coogan@gatech.edu>; Frakes, David<frakes@gatech.edu>; Emelianov, Stanislav<stas@gatech.edu>; Romberg, Justin<jrom@ece.gatech.edu>; Melkote, Siri G<siri.melkote@ece.gatech.edu>; Shen, Shyh-Chiang<shyh.shen@ece.gatech.edu>; Nemeth, Jacqueline L<jackie.nemeth@ece.gatech.edu>; Frazier, Albert B<bruno.frazier@ece.gatech.edu>; Mukhopadhyay, Saibal<saibal.mukhopadhyay@ece.gatech.edu>; Doolittle, William Alan<alan.doolittle@ece.gatech.edu>; Davis, Jeffrey A<jeff.davis@ece.gatech.edu>; Bhatti, Pamela T<pamela.bhatti@ece.gatech.edu>; Ghalichechian, Nima<nima.l@gatech.edu>; Holcomb, Anna N<anna.holcomb@ece.gatech.edu>; Wang, Hua<hua.wang@ece.gatech.edu>; Anderson, David V<anderson@gatech.edu>; Muthukumar, Vidya K<vmuthukumar8@gatech.edu>; Brothers, Timothy J<timothy.brothers@ece.gatech.edu>; Vela, Patricio A<pvela@gatech.edu>; Molzahn, Daniel<molzahn@gatech.edu>; Graber, Lukas<lukas.graber@ece.gatech.edu>; Barnes, Christopher F<chris.barnes@gatech.edu>; Williams, Douglas B<doug.williams@coe.gatech.edu>; Lee, Chin-Hui<chinhui.lee@ece.gatech.edu>; Heck, Larry P<larryheck@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Vito, Raymond P<rpvito@gatech.edu>; Hunt, William D<bill.hunt@ece.gatech.edu>; Pittman, Etta<etta.pittman@ece.gatech.edu>; Cohen, Morris B<mcohen@gatech.edu>; Krishna, Tushar<tushar@ece.gatech.edu>; Saeedifard, Maryam<maryam@ece.gatech.edu>; Kippelen, Bernard J<kippelen@gatech.edu>; Yezzi, Anthony J<anthony.yezzi@ece.gatech.edu>; Yu, Shimeng<shimeng.yu@ece.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Owen, Henry L<henry.owen@ece.gatech.edu>; Ji, Chuanyi<jichuanyi@gatech.edu>; Habetler, Thomas G<tom.habetler@ece.gatech.edu>; Stuber, Gordon L<stuber@ece.gatech.edu>; Collins, Thomas R<tom.collins@gatech.edu>; Hao, Callie<callie.hao@gatech.edu>; Colburn, Jeffrey M<jeff.colburn@ece.gatech.edu>; Hartlein, Richard A<rick.hartlein@neetrac.gatech.edu>; Herrmann, Felix<felix.herrmann@gatech.edu>; Grijalva, Santiago C<sgrijalva@ece.gatech.edu>; Johnson, Kevin T<kjohnson@gatech.edu>; Fekri, Faramarz<faramarz.fekri@ece.gatech.edu>; Zhang, Ying<yzhang@gatech.edu>; Weitnauer, Mary A<mary.ann.weitnauer@ece.gatech.edu>; Zhang, Fumin<fzhang37@mail.gatech.edu>; Bourgeois, Christina M<christina.bourgeois@ece.gatech.edu>; Bhattacharya, Nivedita<nbhattacharya6@gatech.edu>; Gaylord, Thomas K<tgaylord@ece.gatech.edu>; Verriest, Erik I<erik.verriest@ece.gatech.edu>; Dillon, Linda<linda.dillon@ece.gatech.edu>

**Subject:** <no subject>

```
{"scopeld\":\"3ec5d8c3-da7f-47d6-a374-2ea547a6fe4b\", \"storageld\":\"95cc2f78-969b-4fa2-9293-b94bee83e510@482198bb-ae7b-4b25-8b7a-6d7f32faa083\", \"callld\":\"3ec5d8c3-da7f-47d6-a374-2ea547a6fe4b\", \"iCalUid\":\"040000008200E00074C5B7101A82E00800000000D4451A1D2506D8010000000000ae7b-4b25-8b7a-6d7f32faa083\", \"modernGroupId\":null, \"meetingOrganizerId\":\"8:orgid:95cc2f78-969b-4fa2-9293-b94bee83e510\", \"isDeleted\":false, \"originatorParticipantId\":\"cd1de54a-650b-481f-8190-172654af8c42\"}
```

**From:** SAURABH GAJBHIYE<2020pcs2028@iitjammu.ac.in>  
**Sent on:** Tuesday, March 23, 2021 6:10:47 PM  
**To:** sauvik@gatech.edu; Craig.Raslowski@gtri.gatech.edu; kit.plummer@gtri.gatech.edu; ling.liu@cc.gatech.edu; sasha@gatech.edu; calton.pu@cc.gatech.edu; Marius.Niculescu@scheller.gatech.edu; ada@cc.gatech.edu; ammar@cc.gatech.edu; peter.swire@scheller.gatech.edu; swm@ece.gatech.edu; nagi@gatech.edu; rad@gatech.edu; rachelc@gatech.edu; abowd@gatech.edu; alenka.zajic@ece.gatech.edu; pearce@gatech.edu; wenke@cc.gatech.edu; deven.desai@scheller.gatech.edu; aa16@gatech.edu; frankli@gatech.edu; kolesnikov@gatech.edu; robert.clark@gtri.gatech.edu; perdisci@gtisc.gatech.edu; david.huggins@gtri.gatech.edu; Russ.Clark@gatech.edu; doug.blough@ece.gatech.edu; manos@gatech.edu; mustaq@cc.gatech.edu; rbeyah@ece.gatech.edu; mkonte@gatech.edu; andrew.zeliff@gtri.gatech.edu; mooney@ece.gatech.edu; taesoo@gatech.edu; brendan@ece.gatech.edu; alessandro.orso@cc.gatech.edu  
**Subject:** <no subject>  
**Attachments:** SAURABH\_2020PCS2028.pdf (126.67 KB)

Respected Sir/Ma'am,

I am Saurabh Gajbhiye, currently pursuing Masters in Information Security from IITJammu ( INDIAN INSTITUTE OF TECHNOLOGY, JAMMU).

I am looking for a researchInternship, I am willing to work on any of your ongoing projects. My intentions are focused on learning more about research. You can assignme any work or problem. All I am seeking is some internship which will get me started with research in the security domain.

I am ready to work remotely considering the COVID-19 circumstances.

**Note: I have attached my resume**

**Thanking you,**

**Yours Sincerely,  
Saurabh G.  
MTech. Information Security  
IIT,Jammu**

**From:** Raychowdhury, Arijit<arijit.raychowdhury@ece.gatech.edu>

**Sent on:** Tuesday, January 18, 2022 5:16:14 PM

**To:** Ross, Kyla T<kyla.ross@gatech.edu>; Cuero, Evelinth<eve.cuero@gatech.edu>; Bloch, Matthieu R<matthieu.bloch@ece.gatech.edu>; Voss, Paul L<paul.voss@ece.gatech.edu>; Coyle, Edward J<ejc@gatech.edu>; Khan, Asif I<asif.khan@ece.gatech.edu>; Boussert, Bertrand P<bb130@gatech.edu>; Dupuis, Russell D<dupuis@gatech.edu>; Bakir, Muhannad S<mbakir@ece.gatech.edu>; Beyah, Raheem A<rbeyah@coe.gatech.edu>; Inan, Omer T<omer.inan@ece.gatech.edu>; Saltaformaggio, Brendan D<brendan@ece.gatech.edu>; Ayazi, Farrokh<farrokh.ayazi@ece.gatech.edu>; Barry, John R<john.barry@ece.gatech.edu>; Vogel, Eric M<eric.vogel@mse.gatech.edu>; Mihalik, Gregory<gmihalik3@gatech.edu>; Keromytis, Angelos D<angelos@gatech.edu>; Brown, Chance<chance.brown@ece.gatech.edu>; Zhou, Tong<gtz@ece.gatech.edu>; Coogan, Samuel<sam.coogan@gatech.edu>; Frakes, David<frakes@gatech.edu>; Emelianov, Stanislav<stas@gatech.edu>; Romberg, Justin<jrom@ece.gatech.edu>; Shen, Shyh-Chiang<shyh.shen@ece.gatech.edu>; Nemeth, Jacqueline L<jackie.nemeth@ece.gatech.edu>; Frazier, Albert B<bruno.frazier@ece.gatech.edu>; Mukhopadhyay, Saibal<saibal.mukhopadhyay@ece.gatech.edu>; Doolittle, William Alan<alan.doolittle@ece.gatech.edu>; Davis, Jeffrey A<jeff.davis@ece.gatech.edu>; Bhatti, Pamela T<pamela.bhatti@ece.gatech.edu>; Ghalichechian, Nima<nima.l@gatech.edu>; Holcomb, Anna N<anna.holcomb@ece.gatech.edu>; Wang, Hua<hua.wang@ece.gatech.edu>; Anderson, David V<anderson@gatech.edu>; Muthukumar, Vidya K<vmuthukumar8@gatech.edu>; Brothers, Timothy J<timothy.brothers@ece.gatech.edu>; Vela, Patricio A<pvela@gatech.edu>; Molzahn, Daniel<molzahn@gatech.edu>; Graber, Lukas<lukas.graber@ece.gatech.edu>; Barnes, Christopher F<chris.barnes@gatech.edu>; Williams, Douglas B<doug.williams@coe.gatech.edu>; Lee, Chin-Hui<chinhui.lee@ece.gatech.edu>; Heck, Larry P<larryheck@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Vito, Raymond P<rpvito@gatech.edu>; Hunt, William D<bill.hunt@ece.gatech.edu>; Pittman, Etta<etta.pittman@ece.gatech.edu>; Cohen, Morris B<mcohen@gatech.edu>; Krishna, Tushar<tushar@ece.gatech.edu>; Saeedifard, Maryam<maryam@ece.gatech.edu>; Kippelen, Bernard J<kippelen@gatech.edu>; Yezzi, Anthony J<anthony.yezzi@ece.gatech.edu>; Yu, Shimeng<shimeng.yu@ece.gatech.edu>; Antonakakis, Manos<manos@gatech.edu>; Owen, Henry L<henry.owen@ece.gatech.edu>; Ji, Chuanyi<jichuanyi@gatech.edu>; Habetler, Thomas G<tom.habetler@ece.gatech.edu>; Stuber, Gordon L<stuber@ece.gatech.edu>; Collins, Thomas R<tom.collins@gatech.edu>; Hao, Callie<callie.hao@gatech.edu>; Colburn, Jeffrey M<jeff.colburn@ece.gatech.edu>; Hartlein, Richard A<rick.hartlein@neetrac.gatech.edu>; Herrmann, Felix<felix.herrmann@gatech.edu>; Grijalva, Santiago C<sgrijalva@ece.gatech.edu>; Johnson, Kevin T<kjohnson@gatech.edu>; Fekri, Faramarz<faramarz.fekri@ece.gatech.edu>; Zhang, Ying<yzhang@gatech.edu>; Weitnauer, Mary A<mary.ann.weitnauer@ece.gatech.edu>; Zhang, Fumin<fzhang37@mail.gatech.edu>; Bourgeois, Christina M<christina.bourgeois@ece.gatech.edu>; Bhattacharya, Nivedita<nbhattacharya6@gatech.edu>; Gaylord, Thomas K<tgaylord@ece.gatech.edu>; Verriest, Erik I<erik.verriest@ece.gatech.edu>; Dillon, Linda<linda.dillon@ece.gatech.edu>; Hamblen, James O<jim.hamblen@ece.gatech.edu>; Ralph, Stephen E<stephen.ralph@ece.gatech.edu>; Naeemi, Azad J<azad@gatech.edu>; Haynes, Laura S<laura.haynes@ece.gatech.edu>; Moore, Elliot<em80@gatech.edu>; Cai, Wenshan<wcai@gatech.edu>; AlRegib, Ghassan<alregib@gatech.edu>; Li, Frank<frankli@gatech.edu>; Wills, Linda M<linda.wills@ece.gatech.edu>; Farrokh Ayazi<ayazi@stethxmicro.com>; Ma, Xiaoli<xiaoli@gatech.edu>; Cressler, John D<cressler@ece.gatech.edu>; Brand, Oliver<oliver.brand@ece.gatech.edu>; Rohatgi, Ajeet<ajeet.rohatgi@ece.gatech.edu>; Staiculescu, Daniela<daniela@ece.gatech.edu>; Steffes, Paul G<paul.steffes@ece.gatech.edu>; Blough, Douglas M<doug.blough@ece.gatech.edu>; Divan, Deepakraj M<ddivan@gatech.edu>; Conte, Tom<conte@gatech.edu>; Meliopoulos, A P<sakis.m@gatech.edu>; Kenney, James S<jskenney@ece.gatech.edu>; Davenport, Mark A<mdav@gatech.edu>; Tentzeris, Emmanouil M<etentze@ece.gatech.edu>; Hasler, Jennifer O<jennifer.hasler@ece.gatech.edu>; Scott, Waymond R<waymond.scott@ece.gatech.edu>

**Subject:** <no subject>

**Attachments:** 0-eus-d5-e0084bda0c70e3286cf4fc0436c81716 (175.83 KB), 0-eus-d5-e0084bda0c70e3286cf4fc0436c81716 (2.64 MB)

[Play](#)

**From:** Antonakakis, Manos<manos@gatech.edu>

**Sent on:** Sunday, October 17, 2021 3:14:24 PM

**To:** Schamel, Mark<MSchamel@lowenstein.com>; Jara, Ana<AJara@lowenstein.com>

**CC:** Fuller, Christian<christian.fuller@legal.gatech.edu>

**Subject:** New subpoenas

Folks, I just received two new subpoenas: one for deposition and one to produce evidence. This is Alfa bank related. Can you please give me a call at your earliest convenience to discuss what I should do next?

Thanks, Manos

**From:** Antonakakis, Manos<manos@gatech.edu>  
**Sent on:** Wednesday, January 26, 2022 9:00:27 PM  
**To:** McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>  
**Subject:** Our reputation  
**Attachments:** Document\_2022-01-26\_114052.pdf (1.52 MB)

Steve and Chaouki, the most important people in the community never stop believing and supporting us.

Here is an example of their support. This letter will go towards our big DARPA proposal, which we will submit this week.

Thanks, Manos

**From:** Carothers, Matt (CCI-Atlanta) <Matt.Carothers@cox.com>  
**Sent:** Wednesday, January 26, 2022 15:51  
**To:** Keromytis, Angelos D; Antonakakis, Manos; Mitchell, Michael F  
**Cc:** Johnson, Velvet (CCI-Atlanta); Trickey, Linda (CCI-Atlanta-LD); Harvie, Christopher; Jonathan Cain  
**Subject:** RE: SOW / Technical Analysis / Reps & Certs for GT review

And here's the LOI

- Matt

---

**From:** Carothers, Matt (CCI-Atlanta)  
**Sent:** Wednesday, January 26, 2022 10:15 AM  
**To:** Keromytis, Angelos D <angelos@gatech.edu>; 'Antonakakis, Manos' <manos@gatech.edu>; 'Mitchell, Michael F' <michael.mitchell@ece.gatech.edu>  
**Cc:** Johnson, Velvet (CCI-Atlanta) <velvet.johnson@cox.com>; Trickey, Linda (CCI-Atlanta-LD) <Linda.Trickey@cox.com>; Harvie, Christopher <CJHarvie@mintz.com>; Jonathan Cain <jonathan.cain@fisherbroyles.com>  
**Subject:** SOW / Technical Analysis / Reps & Certs for GT review

Ok folks, we might be done? I think we just need to get you the signed letter of intent now.

- Matt

From: Keromytis, Angelos D <angelos@gatech.edu>  
Sent on: Friday, February 12, 2021 6:51:47 PM  
To: Abdallah, Chaouki T <ctabdallah@gatech.edu>; Beyah, Raheem A <rbeyah@coe.gatech.edu>  
CC: Antonakakis, Manos <manos@gatech.edu>  
Subject: our Research Scientists are also being successful...  
Attachments: FP-074 signed.pdf (143.28 KB)

Chaouki, Raheem,  
I hope you're doing well!

Just wanted to bring this to your attention, not so much because of the amount involved (~\$1.75M), but because this was led by Chaz Lever, a research scientist in our center. (Chaz turned down a tenure-track position to stay with us, after he got his PhD.)

This (training, retaining, and developing Research Scientists who care about research+impact) is a model we are heavily pursuing at our center, and it is predicated upon (and only possible because of) our reputation.

Best,  
-Angelos

Begin forwarded message:

>  
> From: "Lever, Charles C" <chazlever@gatech.edu>  
> Subject: Fwd: HR001118S0057-Office-Wide-BAA-FP-074 - Notification Letter  
> Date: February 12, 2021 at 11:43:16 AM EST  
> To: "Keromytis, Angelos D" <angelos@gatech.edu>, "Antonakakis, Manos" <manos@gatech.edu>, "Perdisci, Roberto" <perdisci@gatech.edu>  
> Cc: "Mitchell, Michael F" <michael.mitchell@ece.gatech.edu>

> Hi Everyone,

> We've received official notification that our DARPA proposal was accepted. Here's the letter notifying us of the good news. :-)

>> Begin forwarded message:

>>> From: HR001118S0057 <HR001118S0057@darpa.mil>  
>>> Subject: HR001118S0057-Office-Wide-BAA-FP-074 - Notification Letter  
>>> Date: February 8, 2021 at 11:24:56 AM EST  
>>> To: "clever3@gatech.edu" <clever3@gatech.edu>  
>>> Cc: HR001118S0057 <HR001118S0057@darpa.mil>, "Sibble, Dan" <Dan.Sibble@osp.gatech.edu>

>>> Dear Dr. Lever,

>>> Please see the attached file regarding your proposal submission (HR001118S0057-Office-Wide-BAA-FP-074) that was submitted to the Information Innovation Office (I2O) Office-wide solicitation, HR001118S0057.

>>> Regards,  
>>> DARPA/I2O

>>>

**From:** Antonakakis, Manos<manos@gatech.edu>

**Sent on:** Tuesday, June 1, 2021 4:51:50 PM

**To:** Abdallah, Chaouki T<ctabdallah@gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>

**Subject:** Planning ahead for the new project

Gentlemen, hope you are doing great!

As I am preparing the budget/SOW for the new upcoming project (ETA: late 2021 or early 2020), I would like to hear your thoughts on a couple of open items around how I will structure this project. The project unfortunately grew significantly bigger (\$25M for 3 years, with an option for 2 additional years after that) than what I originally thought it would be and I am afraid that without careful planning we will come across issues when it comes to hiring, hardware hosting availability and the datasets we will have to procure for the entire program.

So, can I “steal” 30 minutes of your time to run you through the issues I see ahead of us, and pick your brain on how we could solve them? I would rather have this meeting now that I am planning the entire project rather after we have signed contracts/SOW with DARPA.

Thanks, Manos



From: ctabdallah@gatech.edu

Sent on: Thursday, August 5, 2021 1:06:38 AM

To: Manos Antonakakis <manos@gatech.edu>

CC: Chaouki Abdallah <ctabdallah@gatech.edu>

Subject: Ranked: The Most Significant Cyber Attacks from 2006-2020, by Country

Saw this and thought of you...

<https://www.visualcapitalist.com/cyber-attacks-worldwide-2006-2020/>

Chaouki T. Abdallah

Professor of Electrical & Computer Engineering

Executive Vice President for Research

Georgia Institute of Technology

**From:** Doolittle, William Alan<alan.doolittle@ece.gatech.edu>  
**Sent on:** Friday, March 12, 2021 12:32:24 AM  
**To:** Egerstedt, Magnus<magnus.egerstedt@ece.gatech.edu>  
**CC:** ece\_personnel@ece.gatech.edu; Beyah, Raheem A<rbeyah@coe.gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>  
**Subject:** Re: [ece\_faculty] Congratulations to Asif Khan

A well deserved congratulations. Proud to have you at Ga Tech!  
Best wishes, Alan

Sent from my iPhone so please excuse typos - big hands and small keys do not mix.  
On Mar 11, 2021, at 5:09 PM, Egerstedt, Magnus <[magnus.egerstedt@ece.gatech.edu](mailto:magnus.egerstedt@ece.gatech.edu)> wrote:

Dear colleagues,

Please join me in congratulating Asif Khan on receiving the NSF CAREER Award. The title of his award is "Antiferroelectric Negative Capacitance Transistors for Ultra-low Power Computing," and it will start on March 15, 2021 and end on February 28, 2026. Asif is an assistant professor with us and also holds a courtesy appointment in the School of Materials Science and Engineering.

Today's society is experiencing an unprecedented growth of its digital footprint – be it in the form of uploading a photo on Facebook, live-streaming a teaching module to a massive global audience on YouTube, or commandeering a revolution via Twitter. This convenience of modern computing, however, comes with a steep cost in terms of energy use and environmental impact. Today, the global information infrastructure, such as data centers, emit as much greenhouse gases as that of the state of Nevada or a country, such as The Netherlands or Malaysia, and constitute around 1 percent of world-wide electricity demand. According to scientific estimates, this fraction may increase to 20 percent in the next 15-20 years. At the core of this predicament lies the fact that cutting-edge digital hardware has long been overdue for a prime upgrade in terms of their energy efficiencies at the level of its most fundamental building blocks: the transistors. The proposed research aims to explore an energy-efficient transistor concept – known as a negative capacitance field-effect transistor – which will be made using a new class of nanometer-scale materials called antiferroelectric oxides.

Keep up the excellent work, Asif! We are very proud of you and your achievement.

All the best,

Magnus

—

Magnus Egerstedt, Ph.D.  
Steve W. Chaddick School Chair and Professor  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
*Georgia Tech ECE: Dreaming, Designing, and Getting it Done!*

**From:** Khan, Asif I<akhan40@gatech.edu>  
**Sent on:** Monday, June 14, 2021 4:37:39 AM  
**To:** Egerstedt, Magnus<me70@gatech.edu>; ece\_personnel@ece.gatech.edu  
**CC:** Beyah, Raheem A<rbeyah@coe.gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Khan, Asif I<akhan40@gatech.edu>  
**Subject:** Re: [ece\_faculty] Congratulations to Asif Khan

Thank you, Magnus and everyone, for all of your warm wishes, and my super-star students, wonderful colleagues, collaborators, and mentors, gracious administrative staff, extremely supportive leadership, IEN, and IMAT for everything! These are indeed exciting times --- with semiconductors and microelectronics being a strategic national priority, the massive CHIPS acts, and anticipated tsunami of federal investments in these areas, and most importantly, Georgia Tech being at a sweet spot for taking up a leadership role for shaping the future of this field and related ones, nationally and globally.

Best,  
Asif

---

Asif I. Khan, Ph.D.  
Assistant Professor  
School of Electrical and Computer Engineering  
School of Materials Science and Engineering (courtesy)  
Georgia Institute of Technology  
Web:<http://electronics.ece.gatech.edu/>  
Phone: 510-604-8219

---

**From:** <ece\_faculty-request@lists.gatech.edu> on behalf of "Egerstedt, Magnus" <me70@gatech.edu>  
**Date:** Thursday, June 10, 2021 at 1:46 PM  
**To:** "ece\_personnel@ece.gatech.edu" <ece\_personnel@ece.gatech.edu>  
**Cc:** "Beyah, Raheem A" <rbeyah@coe.gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>  
**Subject:** [ece\_faculty] Congratulations to Asif Khan

Dear colleagues,

Please join me in congratulating Asif Khan on being chosen for a DARPA Young Faculty Award. Asif is receiving this award for his research on ferroelectric field-effect transistors for embedded non-volatile memory applications. Ferroelectric field-effect transistors is one of the most-promising device technologies for artificial intelligence (AI) and machine learning (ML) hardware, due to its energy efficiency and compatibility with high-volume semiconductor manufacturing. The project will focus on solving the critical voltage problem of this device technology, by identifying and implementing new strategies for interface defect reduction in and the downscaling of the ferroelectric gate-dielectric stack.

Asif works on advanced semiconductor devices that will shape the future of computing in the post-scaling era. His research group currently focuses on ferroelectric devices in all aspects ranging from materials physics, growth, and electron microscopy to device fabrication, all the way to ferroelectric circuits and systems for AI/ML/data-centric applications. His early career work led to the first experimental proof-of-concept demonstration of a physical phenomenon, namely the negative capacitance, in ferroelectric materials, which can reduce the power dissipation in electronic devices below the 'fundamental' thermodynamic limit. Negative capacitance is currently a vibrant research area in materials science, condensed matter physics, and electrical engineering, and it is being pursued by all major semiconductor companies for advanced transistor technologies.

In the past, Asif has received multiple awards, including the NSF CAREER Award (2021), the Intel Rising Star Award (2020), Qualcomm Innovation Fellowship (2012), TSMC Outstanding Student Research Award (2011), and the University Gold Medal from Bangladesh University of Engineering and Technology (2011). He was also named to the Center for Teaching and Learning Class of 1934 CIOS Honor Roll for his outstanding teaching in ECE8863 Quantum Computing Devices and Hardware in Fall 2020. His group currently consists of seven graduate students and two research staff members. They publish in flagship microelectronics conferences, such as the International Electron Devices Meeting (IEDM) and the Symposium on VLSI Technology, and in journals including *IEEE Electron Device Letters*, *IEEE Transactions on Electron Devices*, *Nature Electronics*, *Nature Materials*, and *Nano Letters*. His students received multiple international and Institute-level awards, including the IEEE EDS Masters Student Fellowship (Prasanna Ravindran, 2020) and the Georgia Tech ECE's Colonel Oscar P. Cleaver Award (Nujhat Tasneem, 2018, and Zheng Wang, 2017) for acing the PhD

preliminary examination, which was the criteria for the award up to 2018.  
Keep up the excellent work, Asif! We are very proud of you and your achievement.  
All the best,  
Magnus

—

Magnus Egerstedt, Ph.D.  
Steve W. Chaddick School Chair and Professor  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
*Georgia Tech ECE: Dreaming, Designing, and Getting it Done!*

From: Doug Blough <doug.blough@ece.gatech.edu>

Sent on: Friday, May 22, 2020 11:23:01 PM

To: Manos Antonakakis <manos@gatech.edu>

CC: Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>; McLaughlin, Steven W <swm@coe.gatech.edu>

Subject: Re: [ece\_faculty] Congratulations to Manos Antonakakis

Congratulations, Manos! This is fantastic news. Proud to have you as an ECE and CSS colleague!

Doug

On 5/22/20 10:49 AM, Egerstedt, Magnus wrote:

> Dear colleagues,

>

> Steve McLaughlin and I are pleased to announce that Manos Antonakakis

> has been appointed to the Dean's Professorship, effective June 1, 2020.

> This professorship resides in the College of Engineering Dean's Office.

>

> Manos is an ECE associate professor and is the co-director of the Center

> for Cyber Operations Enquiry and Unconventional Sensing (COEUS). He

> leads the Astrolavos Lab, where his students conduct research in the

> areas of attack attribution, network security and privacy, intrusion

> detection, and data mining. During his tenure as a faculty member at

> Georgia Tech, Manos has raised more than \$53 million in research funding

> from government agencies and the private sector. In April 2018, he

> received the Georgia Tech Outstanding Achievement in Research Program

> Development Award for acquiring a \$17.3 million award from the U.S.

> Department of Defense (DoD) to establish the science of attack

> attribution. Manos is the author of multiple U.S. patents in the areas

> of security and machine learning, and his Ph.D. thesis is considered the

> seminal work in Domain Name System (DNS) security and DNS-based

> statistical learning. It was the first Ph.D. thesis in the world to

> cover statistical learning in DNS security.

>

> Manos' research group's work has been publicized through news releases

> focused on faster detection and clean-up of network infections,

> monitoring of Internet of Things security, combosquatting, and analyzing

> network traffic to determine malware infection. Prior to joining the ECE

> faculty in 2013, he served as chief scientist at Damballa, where his

> research supported early threat detection and prevention tools. Manos

> also worked for IBM/ISS and was a guest researcher at the National

> Institute of Standards and Technology - U.S. Department of Commerce. He

> currently serves as the co-chair of the Academic Committee for the

> Messaging Anti-Abuse Working Group (MAAWG), and he was instrumental in

> helping Georgia Tech become the first university to join MAAWG in 2015.

> Additionally, Manos' service to the DoD, intelligence community, and law

> enforcement organizations has been highly significant. In his most

> recent recognition, Manos received the Certificate of Appreciation for

> service provided to the 2nd Cyber Protection Battalion of the U.S. Army

> at Fort Gordon, Georgia.

>

> Please join Steve and me in congratulating Manos on receiving this

> professorship and in wishing him much continued success in all of his

> pursuits. Keep up the excellent work!

>  
> All the best,  
>  
> Magnus  
>  
> —  
>  
> Magnus Egerstedt, Ph.D.  
>  
> Steve W. Chaddick School Chair and Professor  
>  
> School of Electrical and Computer Engineering  
>  
> Georgia Institute of Technology  
>  
> [www.ece.gatech.edu](http://www.ece.gatech.edu) <<http://www.ece.gatech.edu>>  
>  
> [www.ece.gatech.edu/~magnus](http://www.ece.gatech.edu/~magnus) <<http://www.ece.gatech.edu/~magnus>>  
>  
> /Georgia Tech ECE: Dreaming, Designing, and Getting it Done!/  
>

From: Antonakakis, Manos <manos@gatech.edu>  
Sent on: Saturday, May 23, 2020 12:04:06 AM  
To: Blough, Douglas M <doug.blough@ece.gatech.edu>  
CC: Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>; McLaughlin, Steven W <swm@coe.gatech.edu>  
Subject: Re: [ece\_faculty] Congratulations to Manos Antonakakis

Thank you Doug. Proud to be in ECE and live our growth over the last years. The best things are ahead of us!

Stay safe and have a great weekend!

---

Manos Antonakakis | Associate Professor | manos@gatech.edu  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Blough, Douglas M <doug.blough@ece.gatech.edu>  
Sent: Friday, May 22, 2020 6:23 PM  
To: Antonakakis, Manos  
Cc: Egerstedt, Magnus; McLaughlin, Steven W  
Subject: Re: [ece\_faculty] Congratulations to Manos Antonakakis

Congratulations, Manos! This is fantastic news. Proud to have you as an ECE and CSS colleague!

Doug

On 5/22/20 10:49 AM, Egerstedt, Magnus wrote:

> Dear colleagues,  
>  
> Steve McLaughlin and I are pleased to announce that Manos Antonakakis  
> has been appointed to the Dean's Professorship, effective June 1, 2020.  
> This professorship resides in the College of Engineering Dean's Office.  
>  
> Manos is an ECE associate professor and is the co-director of the Center  
> for Cyber Operations Enquiry and Unconventional Sensing (COEUS). He  
> leads the Astrolavos Lab, where his students conduct research in the  
> areas of attack attribution, network security and privacy, intrusion  
> detection, and data mining. During his tenure as a faculty member at  
> Georgia Tech, Manos has raised more than \$53 million in research funding  
> from government agencies and the private sector. In April 2018, he  
> received the Georgia Tech Outstanding Achievement in Research Program  
> Development Award for acquiring a \$17.3 million award from the U.S.  
> Department of Defense (DoD) to establish the science of attack  
> attribution. Manos is the author of multiple U.S. patents in the areas  
> of security and machine learning, and his Ph.D. thesis is considered the  
> seminal work in Domain Name System (DNS) security and DNS-based  
> statistical learning. It was the first Ph.D. thesis in the world to  
> cover statistical learning in DNS security.  
>  
> Manos' research group's work has been publicized through news releases  
> focused on faster detection and clean-up of network infections,  
> monitoring of Internet of Things security, combosquatting, and analyzing

> network traffic to determine malware infection. Prior to joining the ECE  
> faculty in 2013, he served as chief scientist at Damballa, where his  
> research supported early threat detection and prevention tools. Manos  
> also worked for IBM/ISS and was a guest researcher at the National  
> Institute of Standards and Technology - U.S. Department of Commerce. He  
> currently serves as the co-chair of the Academic Committee for the  
> Messaging Anti-Abuse Working Group (MAAWG), and he was instrumental in  
> helping Georgia Tech become the first university to join MAAWG in 2015.  
> Additionally, Manos' service to the DoD, intelligence community, and law  
> enforcement organizations has been highly significant. In his most  
> recent recognition, Manos received the Certificate of Appreciation for  
> service provided to the 2nd Cyber Protection Battalion of the U.S. Army  
> at Fort Gordon, Georgia.

>  
> Please join Steve and me in congratulating Manos on receiving this  
> professorship and in wishing him much continued success in all of his  
> pursuits. Keep up the excellent work!

>  
> All the best,

>  
> Magnus

>  
> —

>  
> Magnus Egerstedt, Ph.D.

>  
> Steve W. Chaddick School Chair and Professor

>  
> School of Electrical and Computer Engineering

>  
> Georgia Institute of Technology

>  
> [www.ece.gatech.edu](http://www.ece.gatech.edu) <<http://www.ece.gatech.edu>>

>  
> [www.ece.gatech.edu/~magnus](http://www.ece.gatech.edu/~magnus) <<http://www.ece.gatech.edu/~magnus>>

>  
> /Georgia Tech ECE: Dreaming, Designing, and Getting it Done!/  
>



From: Divan, Deepakraj M <ddivan@gatech.edu>

Sent on: Friday, August 6, 2021 5:35:27 PM

To: Blough, Douglas M <doug.blough@ece.gatech.edu>; Saeedifard, Maryam <maryam@ece.gatech.edu>

CC: ece\_personnel@ece.gatech.edu; Beyah, Raheem A <rbeyah@coe.gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>

Subject: Re: [ece\_faculty] Congratulations to Maryam Saeedifard

Congratulations Maryam. Well deserved.

Deepak

Sent from my iPhone

> On Aug 6, 2021, at 12:16 PM, Doug Blough <doug.blough@ece.gatech.edu> wrote:

>

> Dear colleagues,

>

> Please join me in congratulating Maryam Saeedifard on receiving the 2021 U.S. Clean Energy Education and Empowerment (C3E) Technology Research & Innovation Award. Maryam will be presented with this award at the 2021 U.S. C3E Women in Clean Energy Symposium, to be held virtually November 3-4. This awards program recognizes mid-career leadership and achievement and is administered by Stanford University's Precourt Institute for Energy, the Texas A&M Energy Institute, and the MIT Energy Initiative.

>

> Maryam is being recognized for her expertise on clean/renewable energy conversion and carbon dioxide emissions reduction, based on using advanced power electronics-based energy conversion technologies. During her career, she has developed novel, extremely efficient (greater than 98%) power conversion circuits for low-cost and reliable energy harvesting of large-scale wind and photovoltaic farms. Another area on which Maryam has focused is the control, expansion, and protection of High-Voltage Direct Current (HVDC) transmission systems for energy and savings; she has worked to improve transmission resiliency of bulk power transmission of renewable energy resources over long distances. Her leadership in IEEE professional societies, IEEE journals, and educational contributions will also be recognized at this event.

>

> Keep up the excellent work, Maryam! We are very proud of you and your latest achievement.

>

> All the best,

>

> Doug

>

> —

> Doug Blough, Ph.D.

> Interim Steve W. Chaddick School Chair and Professor

> School of Electrical and Computer Engineering

> Georgia Institute of Technology

>

**From:** Zhou, Tong<gtz@ece.gatech.edu>  
**Sent on:** Tuesday, November 2, 2021 11:15:47 PM  
**To:** Blough, Douglas M<doug.blough@ece.gatech.edu>; ece\_personnel@ece.gatech.edu  
**CC:** Beyah, Raheem A<rbeyah@coe.gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Jonathan Su [REDACTED]  
**Subject:** Re: [ece\_faculty] In Loving Memory of Kendall Su

Kendall was a dear friend and a mentor. I joined the ECE faculty in 1995 when Kendall entered the "retired but working" phase. We had our Wednesday lunches together with a couple of other Chinese faculty members for many years and I learned a lot about the faculty job from those occasions. Kendall was a pioneer in many ways. It must be quite unusual for an international student to come to study at Georgia Tech in 1948. He was a significant part of the ECE history and part of the transformation of Georgia Tech from a regional engineering school to a world-renown research university.

I miss seeing Kendall in the recent years and will always remember his intellect and appreciate his moral support to me as a young faculty member.

Tong Zhou, Professor

**From:** ece\_faculty-request@lists.gatech.edu <ece\_faculty-request@lists.gatech.edu> on behalf of Doug Blough <doug.blough@ece.gatech.edu>  
**Sent:** Tuesday, November 2, 2021 4:12 PM  
**To:** ece\_personnel@ece.gatech.edu <ece\_personnel@ece.gatech.edu>  
**Cc:** Beyah, Raheem A <rbeyah@coe.gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>; Jonathan Su [REDACTED]  
**Subject:** [ece\_faculty] In Loving Memory of Kendall Su

Dear colleagues,

It is with much sadness that I share with you the news of the passing of our treasured friend and colleague, Kendall Su. He passed away last Tuesday, October 26 after a brief hospitalization. He was 95 years old.

Kendall was a much admired and beloved educator and mentor in our school and in the Georgia Tech community. He joined the electrical engineering faculty in 1954 and taught for 40 years until his retirement in 1994. He then taught for another 10 years as a "retired but working" faculty member.

Kendall received his bachelor's degree in electrical and mechanical engineering from Xiamen University, China, in 1947 and then went to work as a junior engineer with the Taiwan Power Company in Taiwan, China. He then emigrated to the United States in 1948. Shortly after his arrival, Kendall began his graduate studies at Georgia Tech, earning his M.S.E.E. in 1949. He then entered the newly formed Ph.D. program in electrical engineering and became the School's third Ph.D. graduate in 1954. While serving as a graduate teaching assistant, Kendall was offered a position as an assistant professor, which he started in the fall of 1954.

Kendall's contributions to Georgia Tech were considerable, and without a doubt, he was the School's first "homegrown scholar." Kendall eventually achieved the highest academic rank of Regents Professor and was the first electrical engineering faculty member to be recognized with that

title.

Kendall set the standard in teaching and scholarly publications and was the mainstay of the required undergraduate circuits courses. Our alumni have described Kendall's courses as tough but fair. They credit his toughness in the beginning electrical engineering courses for preparing them for the rigor that would follow, and eventually, for long, productive, and successful careers.

Kendall conducted research in active network synthesis, active filters, distributed-parameter networks, and electromagnetic compatibility. A Fellow of the IEEE, he was well-known for his pioneering work in active networks. Kendall was the author of four major textbooks that were widely admired by his colleagues at universities throughout the country. The texts included /Active Network Synthesis/(McGraw-Hill Book Company, 1965); /Time-Domain Synthesis of Linear Networks/(Prentice-Hall Inc., 1971); /Fundamentals of Circuits, Electronics, and Signal Analysis / (Houghton Mifflin Co., 1978); and /Handbook of Tables for Elliptic-Function Filters /(Kluwer Publishing Co., 1990).

You may wish to read the story of Kendall and his family, which was written earlier this year by Roger Webb and David Hertling and was entitled "Kendall Su: The Standard for Excellence <<https://www.ece.gatech.edu/news/645971/kendall-su-standard-educator-excellence>>." Kendall is survived by his wife, [REDACTED]; his daughter, [REDACTED]; and his son, [REDACTED], who graduated with his Ph.D. in ECE from Georgia Tech in 1998.

Services and other arrangements are not known at this time, but if and when we receive word of the family's wishes, I will be sure to share that information with you.

Please join me in keeping [REDACTED] and all of Kendall's family in your thoughts and prayers during this sad and difficult time and in the days to come.

Sincerely,

Doug Blough

—

Doug Blough, Ph.D.  
Interim Steve W. Chaddick School Chair and Professor  
School of Electrical and Computer Engineering  
Georgia Institute of Technology

From: Divan, Deepakraj M <ddivan@gatech.edu>

Sent on: Thursday, July 15, 2021 11:39:18 PM

To: Malbrue, Christopher <christopher.malbrue@ece.gatech.edu>; Inan, Omer T <omer.inan@ece.gatech.edu>

CC: Blough, Douglas M <doug.blough@ece.gatech.edu>; ece\_personnel@ece.gatech.edu; Beyah, Raheem A <rbeyah@coe.gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>

Subject: Re: [ece\_faculty] RE: [ece\_staff] Congratulations to Omer Inan

Congratulations Omer, very well deserved. □□□□

Deepak

Sent from my iPhone

> On Jul 15, 2021, at 6:35 PM, Malbrue, Christopher <christopher.malbrue@ece.gatech.edu> wrote:

>

> Congratulations Omar!!! Outstanding!

>

> -----Original Message-----

> From: ece\_staff-request@lists.gatech.edu <ece\_staff-request@lists.gatech.edu> On Behalf Of Doug Blough

> Sent: Thursday, July 15, 2021 3:06 PM

> To: ece\_personnel@ece.gatech.edu

> Cc: Beyah, Raheem A <rbeyah@coe.gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>

> Subject: [ece\_staff] Congratulations to Omer Inan

>

> Dear colleagues,

>

> I am pleased to announce that Omer Inan has been appointed to the Linda J. and Mark C. Smith Chair in the School of Electrical and Computer Engineering, effective July 1.

>

> Omer started working at Georgia Tech in 2013, where he is now an associate professor in ECE and a program faculty member for the Georgia Tech Bioengineering Graduate Program. Omer is the director of the Inan Research Lab, where he and his research team work on non-invasive physiological sensing and modulation for four different application

> areas: unobtrusive cardiovascular monitoring, wearable biomechanics, non-invasive neuromodulation of stress, and pediatric bioengineering.

>

> Omer advises or co-advises two postdoctoral fellows, 21 Ph.D. students, and three M.S. students. He has graduated 17 Ph.D. students and nine M.S. students. Four of his Ph.D. graduates are in faculty positions at leading universities, and others hold research positions in both industry and academia. Their work has attracted media attention and has been featured in outlets such as CNN Health, BBC News, National Public Radio, CBS Radio, and Scientific American.

>

> Omer and his team have published 258 refereed journal papers, conference papers, and abstracts, and they have been issued nine patents. He and one of his Ph.D. graduates cofounded Cardiosense, a startup company that aims to develop the first non-invasive monitoring platform that can detect early signs of congestion in patients with heart failure and allow care teams to design appropriate interventions and to monitor recovery.

>

> Omer is an associate editor for the IEEE Transactions on Biomedical Engineering and was recently invited to participate in the National Academy of Medicine's 2021 International Workshop on Science & Technology for Healthy Longevity. In 2018, he received an NSF CAREER Award, an ONR Young Investigator Award, and the IEEE Sensors Council Early Career Award. In 2017, he received the Georgia Tech Sigma Xi Young Faculty Award. Earlier this year, he was the co-recipient of an Academy Award for Technical Achievement from the Academy of Motion Picture Arts and Sciences. He was chosen for this award for the engineering of subminiature high-performance lavalier microphones developed at Countryman Associates, where he worked prior to his arrival at Georgia Tech. These microphones are used in different entertainment settings, such as live theater, concerts, television, and motion pictures.

>

> Equally dedicated to excellence in teaching and mentoring, Omer is highly regarded by our undergraduate and graduate students. He teaches courses in biosystems analysis, biomedical instrumentation, and biomedical sensing

systems. He received the 2021 Georgia Tech Outstanding Doctoral Thesis Advisor Award and the 2019 Richard M. > Bass/Eta Kappa Nu Outstanding Teacher Award, an honor determined by a vote of the ECE senior class. He has also been honored with the 2019 Georgia Power Professor of Excellence Award, the 2018 ECE Outstanding Junior Faculty Member Award, and the 2016 Lockheed Dean's Excellence in Teaching Award.

>

> Omer is an enthusiastic and active member of the ECE and Georgia Tech communities. He is a member of the Institute for Bioengineering and Biosciences, the Institute for People and Technology, and the GVU Center. In ECE, Omer is currently a member of the Diversity and Inclusion Council, and he served as the bioengineering technical interest group chair from 2018-2020. He was on the Steve W. Chaddick School Chair Search Committee in 2017-18 and the ECE Strategic Planning and Strategic Doing Committee in 2016-2017. He has also served in and helped with leading strategic planning activities on both the College of Engineering and Institute levels.

>

> Please join me in congratulating Omer on being appointed to this distinguished position and in wishing him much continued success!

>

> All the best,

>

> Doug

>

> —

> Doug Blough, Ph.D.

> Interim Steve W. Chaddick School Chair and Professor School of Electrical and Computer Engineering Georgia Institute of Technology

**From:** Hunt, William D<bill.hunt@ece.gatech.edu>  
**Sent on:** Tuesday, July 20, 2021 10:12:24 PM  
**To:** Divan, Deepakraj M<ddivan@gatech.edu>; Malbrue, Christopher<christopher.malbrue@ece.gatech.edu>; Inan, Omer T<omer.inan@ece.gatech.edu>  
**CC:** Blough, Douglas M<doug.blough@ece.gatech.edu>; ece\_personnel@ece.gatech.edu; Beyah, Raheem A<rbeyah@coe.gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>  
**Subject:** Re: [ece\_faculty] RE: [ece\_staff] Congratulations to Omer Inan

Omer,

I wish you the best of lucks with this challenge!

Regards,

William D. Hunt, Ph.D.  
Professor  
School of Electrical and Computer Engineering  
Georgia Institute of Technology  
Atlanta, GA 30332  
cell: 404.273.1654

We're a short time here and a long time gone...

**From:** ece\_faculty-request@lists.gatech.edu <ece\_faculty-request@lists.gatech.edu> on behalf of Divan, Deepakraj M <ddivan@gatech.edu>  
**Sent:** Thursday, July 15, 2021 6:39 PM  
**To:** Malbrue, Christopher <christopher.malbrue@ece.gatech.edu>; Inan, Omer T <omer.inan@ece.gatech.edu>  
**Cc:** Blough, Douglas M <doug.blough@ece.gatech.edu>; ece\_personnel@ece.gatech.edu <ece\_personnel@ece.gatech.edu>; Beyah, Raheem A <rbeyah@coe.gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>  
**Subject:** Re: [ece\_faculty] RE: [ece\_staff] Congratulations to Omer Inan  
Congratulations Omer, very well deserved. □□□□  
Deepak

Sent from my iPhone

> On Jul 15, 2021, at 6:35 PM, Malbrue, Christopher <christopher.malbrue@ece.gatech.edu> wrote:  
>  
> Congratulations Omar!!! Outstanding!  
>  
> -----Original Message-----  
> From: ece\_staff-request@lists.gatech.edu <ece\_staff-request@lists.gatech.edu> On Behalf Of Doug Blough  
> Sent: Thursday, July 15, 2021 3:06 PM  
> To: ece\_personnel@ece.gatech.edu  
> Cc: Beyah, Raheem A <rbeyah@coe.gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>  
> Subject: [ece\_staff] Congratulations to Omer Inan  
>  
> Dear colleagues,  
>

> I am pleased to announce that Omer Inan has been appointed to the Linda J. and Mark C. Smith Chair in the School of Electrical and Computer Engineering, effective July 1.

>

> Omer started working at Georgia Tech in 2013, where he is now an associate professor in ECE and a program faculty member for the Georgia Tech Bioengineering Graduate Program. Omer is the director of the Inan Research Lab, where he and his research team work on non-invasive physiological sensing and modulation for four different application

> areas: unobtrusive cardiovascular monitoring, wearable biomechanics, non-invasive neuromodulation of stress, and pediatric bioengineering.

>

> Omer advises or co-advises two postdoctoral fellows, 21 Ph.D. students, and three M.S. students. He has graduated 17 Ph.D. students and nine M.S. students. Four of his Ph.D. graduates are in faculty positions at leading universities, and others hold research positions in both industry and academia. Their work has attracted media attention and has been featured in outlets such as CNN Health, BBC News, National Public Radio, CBS Radio, and Scientific American.

>

> Omer and his team have published 258 refereed journal papers, conference papers, and abstracts, and they have been issued nine patents. He and one of his Ph.D. graduates cofounded Cardiosense, a startup company that aims to develop the first non-invasive monitoring platform that can detect early signs of congestion in patients with heart failure and allow care teams to design appropriate interventions and to monitor recovery.

>

> Omer is an associate editor for the IEEE Transactions on Biomedical Engineering and was recently invited to participate in the National Academy of Medicine's 2021 International Workshop on Science & Technology for Healthy Longevity. In 2018, he received an NSF CAREER Award, an ONR Young Investigator Award, and the IEEE Sensors Council Early Career Award. In 2017, he received the Georgia Tech Sigma Xi Young Faculty Award. Earlier this year, he was the co-recipient of an Academy Award for Technical Achievement from the Academy of Motion Picture Arts and Sciences. He was chosen for this award for the engineering of subminiature high-performance lavalier microphones developed at Countryman Associates, where he worked prior to his arrival at Georgia Tech. These microphones are used in different entertainment settings, such as live theater, concerts, television, and motion pictures.

>

> Equally dedicated to excellence in teaching and mentoring, Omer is highly regarded by our undergraduate and graduate students. He teaches courses in biosystems analysis, biomedical instrumentation, and biomedical sensing systems. He received the 2021 Georgia Tech Outstanding Doctoral Thesis Advisor Award and the 2019 Richard M.

> Bass/Eta Kappa Nu Outstanding Teacher Award, an honor determined by a vote of the ECE senior class. He has also been honored with the 2019 Georgia Power Professor of Excellence Award, the 2018 ECE Outstanding Junior Faculty Member Award, and the 2016 Lockheed Dean's Excellence in Teaching Award.

>

> Omer is an enthusiastic and active member of the ECE and Georgia Tech communities. He is a member of the Institute for Bioengineering and Biosciences, the Institute for People and Technology, and the GVU Center. In ECE, Omer is currently a member of the Diversity and Inclusion Council, and he served as the bioengineering technical interest group chair from 2018-2020. He was on the Steve W. Chaddick School Chair Search Committee in 2017-18 and the ECE Strategic Planning and Strategic Doing Committee in 2016-2017. He has also served in and helped with leading strategic planning activities on both the College of Engineering and Institute levels.

>

> Please join me in congratulating Omer on being appointed to this distinguished position and in wishing him much continued success!

>

> All the best,

>

> Doug

>

> —

> Doug Blough, Ph.D.

> Interim Steve W. Chaddick School Chair and Professor School of Electrical and Computer Engineering  
Georgia Institute of Technology



---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Friday, January 29, 2021 10:12 PM  
**To:** Bryan Webb  
**Cc:** Mark Rasch  
**Subject:** Letter Regarding Legal Fees Not Gratuity  
**Attachments:** DAGON - Letter to Bryan Webb 1-29-21 FINAL.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Bryan,

Thanks so much for calling Mark back the other day. Attached is our response to the legal question you two discussed. We hope this is helpful but stand ready to provide additional information or clarification if needed. Just let us know. Thanks again for your attention to this matter.

Kind regards,  
Jody and Mark

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

January 29, 2021

Bryan Webb, Esq,  
Deputy Attorney General  
Office of Attorney General Chris Carr  
Government Services & Employment  
State of Georgia  
40 Capitol Square SW  
Atlanta, GA 30334

Re: Reimbursement of Legal Expenses  
Georgia Tech Employee David Dagon

Dear Bryan:

Thank you for taking my call on Wednesday. As you know, Jody Westby and I represent Georgia Institute of Technology (“Georgia Tech”) employee David Dagon in connection with an ongoing investigation being conducted by Connecticut United States Attorney and current Special Counsel John Durham into allegations made of a computer connection between the Trump Organization and entities in the Russian Republic in the lead up to the 2016 election. Part of the investigation focuses on the role various cybersecurity researchers may have had in collecting, analyzing, or disseminating information about the so-called “Trump-Russia” connection that was given to the Department of Justice. The researchers included David Dagon, a Research Scientist at Georgia Tech and Dr. L. Jean Camp, Professor of Informatics at the Indiana University School of Informatics and Computing (among others).

Global Cyber Legal has diligently represented Mr. Dagon in connection with this grand jury investigation, and have successfully protected his interests. We will continue to do so.

**Payment of Legal Fees as Benefit or Gratuity**

I understand that your office is currently looking at a question of whether, under the provision of Art. III, § VI, Para. V(a) of the Georgia Constitution, Georgia Tech would have the lawful authority to reimburse Mr. Dagon for the legal fees he has expended. The question is whether the payment of legal fees by Georgia Tech to or on behalf of its employee David Dagon, would constitute a “gift,” “gratuity,” or “additional compensation” under the Constitution<sup>1</sup> or whether such payment would serve as a benefit to Georgia Tech.

---

<sup>1</sup> As the Georgia Supreme Court noted more than 70 years ago in interpreting this provision in *McCook v. Long*, 193 Ga. 299, 303, 18 S.E.2d 488, 490, 1942 Ga. LEXIS 382, \*9:

In interpreting the provisions of a constitution, it is to be presumed that the words therein used were employed in their natural and ordinary meaning. *Epping v. Columbus*, 117 Ga. 263 (43 S. E. 803). The Merriam edition of Webster's International Dictionary gives the

This “gratuities” clause provides that:

- a) Except as otherwise provided in the Constitution, (1) the General Assembly shall not have the power to grant any donation or gratuity or to forgive any debt or obligation owing to the public, and (2) the General Assembly shall not grant or authorize extra compensation to any public officer, agent, or contractor after the service has been rendered or the contract entered into.

Ga. Const. Art. III, § VI, Para. VI.

As we discussed, among the individuals who have been swept up in the Durham investigation is Indiana University Professor L. Jean Camp. When Professor Camp first received notice of the Durham investigation, Jacqueline Simmons, the Vice President and General Counsel of the University of Indiana agreed immediately to pay directly for Professor Camp’s outside legal counsel. She at once recognized the benefit to the University and to the State of Indiana of Professor Camp’s research that was the subject of the Durham investigation, and also that the successful defense of the charges would reflect well upon the University’s entire research community. If you have any questions about this, I highly recommend that you contact GC Simmons at (812) 855-3312 or by email to [simmonja@iu.edu](mailto:simmonja@iu.edu). As you know, the University of Indiana, like Georgia Tech, is a public university, with the same duties to protect the public fisc.

It is our position that the State of Georgia is not restricted from similarly paying Mr. Dagon’s legal fees. The activities at issue in the investigation were performed by Mr. Dagon within the scope of his employment by Georgia Tech. His research has been awarded and recognized by the Federal Bureau of Investigation and law enforcement around the globe, bringing significant recognition to Georgia Tech and helping to bolster its reputation as a world class institution for computer science and electrical engineering. Moreover, the specific research at hand involved a work performed under a \$20+ million Department of Defense contract that Mr. Dagon helped bring to the University and serves as co-principal investigator.

Thus, a successful defense of Mr. Dagon in the grand jury investigation has benefitted Georgia Tech and the State of Georgia by protecting the reputation of its educational institution and the Department and ensuring the continued accessibility of federal funding to the Program. Such representation was necessary and essential to these benefits. It is important to note that the entire cybersecurity research community, which is rather small, is watching this matter closely. The University of Indiana’s immediate backing of L. Jean Camp and payment of her legal fees has earned it praise in this community. If Mr. Dagon’s fees are not similarly paid, Georgia Tech will likely pay a price in recruitment of researchers and professors and its reputation will likely suffer.

---

following definitions of the word "gratuity," omitting those meanings classed by the authors as obsolete and rare: "2. Something given freely or without recompense; a gift. 3. Something voluntarily given in return for a favor or now esp. a service; hence, a bounty; a tip; a bribe." The later editions of Bouvier do not give a definition of the word gratuity, but in the earlier ones a gratuity is defined to be "a present, a recompense, a free gift." Compare *Davis v. Morgan*, 117 Ga. 504 (43 S. E. 732, 61 L. R. A. 148, 97 Am. St. R. 171).

Accord, *Garden Club of Ga. v. Shackelford*, 266 Ga. 24 (1) (463 SE2d 470) (1995); *DeKalb County v. Perdue*, 286 Ga. 793, 796, 692 S.E.2d 331, 334, 2010 Ga. LEXIS 267, \*7, 2010 Fulton County D. Rep. 870.

The reimbursement of legal fees incurred in the ordinary course of an employee's work is not a "special reward" or "gift" to the employee whose legitimate and necessary expenses are reimbursed. By way of analogy, a private employer's reimbursement of an employee's legal expenses incurred in the course of employment is deductible to the employer as a business expense, but not includable as income to the employee, precisely because the employee has received no "benefit" from the business expense. This is true under circumstances, like those at hand, where legal expenses are incurred for actions which arose within the scope of employment that were directly related to Mr. Dagon's job function.

Moreover, such an interpretation is consistent with the provisions of O.C.G.A. 45-9-1 which provides:

(a) In addition to any other compensation which may be paid to an officer, official, or employee of any agency, board, bureau, commission, department, or authority of the executive, judicial, or legislative branch of government of this state, each such agency, board, bureau, commission, department, or authority is authorized, in its discretion, to purchase policies of liability insurance or contracts of indemnity or to formulate sound programs of self-insurance utilizing funds available to such agency, board, bureau, commission, department, or authority, insuring or indemnifying such officers, officials, or employees to the extent that they are not immune from liability against personal liability for damages arising out of the performance of their duties or in any way connected therewith. Such policies of liability insurance, contracts of indemnity, or programs of self-insurance may also provide for reimbursement to an officer, official, or employee of any agency, board, bureau, commission, department, or authority of this state for reasonable legal fees and other expenses incurred in the successful defense of any criminal proceeding, including, but not limited to, any criminal cause of action, suit, investigation, subpoena, warrant, request for documentation or property, or threat of such action whether formal or informal where such action arises out of the performance of his or her official duties. In addition, in the case of an officer, official, or employee who is required to maintain a professional license, such reimbursement may also be provided for legal fees and other expenses so incurred in the successful defense of a charge arising out of the performance of his or her official duties in proceedings before a professional licensing board, disciplinary board or commission, or other similar body. Legal fees and other expenses shall be subject to adjustment by and the approval of the Attorney General.

Ga. Code Ann. § 45-9-1 (West) (emphasis added).

In *Key v. Georgia Dep't of Admin. Servs.*, 340 Ga. App. 534, 539, 798 S.E.2d 37, 42 (2017), the Court noted that "the legislature's stated intent ... was to protect state employees against personal liability based on their conduct while performing their jobs." Whether that protection is provided through State paid insurance or by the State directly, the payments are clearly not a gift under the gratuities provision. If the State is authorized under the Constitution to incur an expense related to purchasing insurance or to self-insure to reimburse the expenses of an employee related to attorney's fees and expenses relating to the defense of criminal proceedings arising out of the performance of that employees' official duties, there is no reason to believe that the direct payment of these same expenses by the State should be considered any more of a "gift" or "gratuity" under the Constitution. The payment of legal fees and expenses - whether

paid by insurance or directly -- is simply not a gift or gratuity to the employee. Were this not the case, then O.C.G.A. 45-9-1 which, by statute authorizes such payments, would not survive constitutional scrutiny.

Our additional understanding of Georgia law is that, if the State (or its agency or subdivision) receives a “substantial benefit” from the proposed payment, the payment is not a gratuity. *Smith v. Board of Comm'rs*, 244 Ga. 133, 259 S.E.2d 74, 1979 Ga. LEXIS 1149; *McLucas v. State Bridge Bldg. Auth.*, 210 Ga. 1, 11 (77 SE2d 531) (1953) (quoting *Georgia v. Cincinnati So. Ry.*, 248 U. S. 26 [(39 SCt 14, 63 LE 104)] (1928)); cited in *Avery v. State of Ga.*, 295 Ga. 630, 633, 761 S.E.2d 56, 60, 2014 Ga. LEXIS 547, \*8, 2014 WL 2925147; *Accord, Smith v. Fuller*, 135 Ga. 271 (69 S. E. 177, Ann. Cas. 1912A, 70). While Mr. Dagon’s legal expenses are not, technically speaking, an expense OF the State of Georgia, they are an expense incurred for the benefit of the State of Georgia, and, in our opinion, not a personal gratuity or gift.

Indeed, many states either require or permit reimbursement of employee criminal defense legal expenses for public sector employees if such expenses are incurred as a result of their employment. See KY. REV. STAT. ANN. §§ 63.070-63.075 (West 2006); LA. REV. STAT. ANN. § 13:5108.3(B) (2014); MISS. CODE ANN. § 25-1-47 (2010); N.J. STAT. ANN. §§ 18A:12-20, 18A:16-6.1, 40A:14-155 (West 2014); N.Y. PUB. OFF. LAW § 19(2)(a); PA. R.J.A. No. 1922; TENN. CODE ANN. § 8-46-205 (2014)(impeachment proceedings); UTAH CODE ANN. § 52-6-201(1); VA. CODE ANN. § 51.1-124.28 (2013). For example, the New York Public Officers Law provides in relevant part that:

... it shall be the duty of the state to pay reasonable attorneys’ fees and litigation expenses incurred by or on behalf of an employee in his or her defense of a criminal proceeding in a state or federal court arising out of any act which occurred while such employee was acting within the scope of his public employment or duties upon his acquittal or upon the dismissal of the criminal charges against him or reasonable attorneys’ fees incurred in connection with an appearance before a grand jury which returns no true bill against the employee where such appearance was required as a result of any act which occurred while such employee was acting within the scope of his public employment or duties unless such appearance occurs in the normal course of the public employment or duties of such employee.

NY CLS Pub O § 19 (emphasis added).

Similarly, UTAH CODE ANN. § 52-6-201(1). provides:

If a state grand jury indicts, or if an information is filed against, an officer or employee, in connection with or arising out of any act or omission of that officer or employee during the performance of the officer or employee’s duties, within the scope of the officer or employee’s employment, or under color of the officer or employee’s authority, and that indictment or information is quashed or dismissed or results in a judgment of acquittal, . . . that officer or employee shall be entitled to recover reasonable attorney fees and court costs necessarily incurred in the defense of that indictment or information from the public entity.

New Jersey has general statutes permitting reimbursement of government employees and a specific statute with respect to reimbursing the criminal legal expenses of employees of educational institutions. N.J. State Ann. § 18A:16-6.1 provides:

Should any criminal or quasi-criminal action be instituted against any [officer or employee of a board of education] for any such act or omission and should such proceeding be dismissed or result in a final disposition in favor of such person, the board of education shall reimburse him for the cost of defending such proceeding, including reasonable counsel fees and expenses of the original hearing or trial and all appeals. No employee shall be entitled to be held harmless or have his defense costs defrayed as a result of a criminal or quasi-criminal complaint filed against the employee by or on behalf of the board of education.

Georgia law expressly provides for the purchase of insurance, contracts of indemnity, or self-insurance programs to achieve these same purposes, and the New York and other statutes reflect the prevailing position that legal expenses incurred by virtue of a public employee's performance of their official duties are expenses of the sovereign, not of the employee, and that the payment or reimbursement of these expenses is not a "gift" or "special reward" to the employee.

These statutes have a few requirements -- that the investigation relate to activities that occurred within the scope of employment, and that the employee not be found criminally liable for the actions which were within the scope of employment. The Third Party Legal Services Payment Agreement that we have provided you contains similar provisions; Mr. Dagon would have to return any funds paid for legal fees if he is found is guilty of criminal conduct with respect to the grand jury investigation.

### **Mr. Dagon's Actions Were Within the Scope of His Employment**

It is important to point out that the investigation -- by both the Special Counsel and the related grand jury -- relates directly to activities performed by various cybersecurity researchers (including Mr. Dagon) which were not only conducted within the scope of their employment and for the benefit of the State of Georgia, but also which were authorized and directed by agents of the State. This is not an example of an employee incurring legal expenses as a result of personal conduct (or misconduct), or indeed an employee engaging in misconduct at all.<sup>2</sup> If you desire,

---

<sup>2</sup> On Dec. 1, 202 former U.S. Attorney General William Barr announced that, on October 19, 2020 he had appointed John Durham, the U.S. attorney for the District of Connecticut, as a "special counsel" or "special assistant" to investigate the FBI's probe of Russian interference in the 2016 election pursuant to 28 U.S.C § 509, § 510 and § 515. The appointment letter (available at <https://int.nyt.com/data/documenttools/durham-special-counsel/7ff8599351b63336/full.pdf>) presumably continues US Attorney's Durham's prior investigative authority, and specifically notes that Durham "is authorized to investigate whether any federal official, employee, or any other person or entity violated the law in connection with the intelligence, counter-intelligence, or law enforcement activities directed at the 2016 presidential campaigns, Individual associated with those campaigns, and individuals associated with the administration of President Donald J. Trump, including but not limited to Crossfire Hurricane and the investigation of Special Counsel Robert S. Mueller, III." As it pertains to Georgia Tech employee David Dagon, the investigation focuses on his collection, analysis and possible dissemination of information from a database of DNS and other information security related records maintained by him and others at Georgia Tech which related to evidence of electronic connections between computer networks associated with the Trump Organization and other computer networks associated with the Russian Federation in the summer and fall of 2016.

we are prepared to provide detailed information as to why Mr. Dagon's activities which are the subject of the grand jury investigation are both within the scope of his employment, were authorized by his employer, and were for the benefit of the State of Georgia. Suffice it to say, through Mr. Dagon's efforts, Georgia Tech was able to attract and retain a multi-million-dollar research grant from the U.S. Department of Defense's Advanced Research Project Agency (DARPA), and to establish Georgia Tech as one of the leading research institutions with respect to information security and threats to national security.

We also want to reiterate that no one has done anything wrong or illegal. It may be a natural inclination for those who do not understand the collaborative role and interaction between government agencies and cybersecurity researchers to assume that any research into attacks on political parties or candidates would be outside the scope of employment, when in actuality looking at potential criminal conduct is very much what they do.

### **The Defense of the Durham Investigation Benefits the State of Georgia**

While we represent Mr. Dagon and his interests, as we must under the applicable Canons of Ethics, our defense of the Mr. Dagon, an agent of the State of Georgia who was acting within the scope of his employment, necessarily and directly benefits the State of Georgia, and its preeminent research institution, the Georgia Institute of Technology. Without addressing the merits (or lack thereof) of the Durham investigation, the response to the grand jury investigation has been designed to protect the ability of Georgia Tech to continue to fulfill the goals and objectives of a highly sensitive DARPA contract, to expand funding for the work, and to continue to work with the federal government to disseminate critical national security information concerning cybersecurity threats to the nations' infrastructure. The defense of Mr. Dagon has served to protect the integrity and reputation of Georgia Tech, to enhance its ability to continue to attract high-quality information security researchers, professors, and others, and to maintain its well-earned reputation as a facility of higher education and research in the field of cybersecurity. Because the defense inures to the benefit of the State and Georgia Tech, it is similarly not a "gift" or "gratuity" to Mr. Dagon.

### **"Successful Defense"**

The final issue is the fact that the Durham investigation is reportedly continuing, and therefore, as a technical matter, there has been no "acquittal" or final disposition of the case, and no final "no true bill" of Indictment issued with respect to Mr. Dagon.

A few observations here. First, we note that, pursuant to the Department of Justice Manual, Section 9-11.151, Mr. Dagon has been advised that he is NOT a target of the Durham investigation.<sup>3</sup> He has been advised that his work with Georgia Tech is "within the scope of the grand jury's investigation," but that there is no evidence or accusation of criminal conduct by Mr. Dagon. The nature of the federal grand jury is such that it has broad investigative powers<sup>4</sup>

---

<sup>3</sup> A "target" is a person as to whom the prosecutor or the grand jury has substantial evidence linking him or her to the commission of a crime and who, in the judgment of the prosecutor, is a putative defendant. Department of Justice Manual, Section 9-11.151

<sup>4</sup> See, e.g., *Trump v. Vance*, 2020 U.S. Dist. LEXIS 150786, \*35-36, \_\_ F. Supp. 3d \_\_, 2020 WL 4861980 ("the Supreme Court has stated that "[a] grand jury investigation is not fully carried out until every available clue has been run down and all witnesses examined in every proper way to find if a crime has been committed." *United States v. R. Enterprises, Inc.*, 498 U.S. 292, 297, 111 S. Ct. 722, 112 L. Ed. 2d 795 (1991) (quoting *Branzburg v. Hayes*, 408 U.S. 665, 701, 92 S. Ct. 2646, 33 L. Ed. 2d 626 (1972)). To this end, a grand jury can "investigate merely on

whether or not a crime has, in fact, been committed by anyone. Thus, the fact that there is a grand jury investigation does not imply that anyone -- much less Mr. Dagon -- committed any offense at all.

While a federal grand jury typically has a specified “term,” after which its authority expires, the prosecutor may convene a new grand jury to take over the investigative role. As such, the “investigation” does not “end,” and persons like Mr. Dagon are typically never notified of the results of the investigation, or indeed that the investigation has -- or has not -- ended. Federal Grand Jury secrecy rules, most notably Rule 6(e), F.R. Crim. P. may even restrict the ability of the prosecutor to tell someone that the case is over. As such, in a federal criminal investigation like that conducted by Mr. Durham, there is typically no “event” that triggers an “exoneration” or a successful completion of the case. While a prosecutor may notify a target of a grand jury investigation that their target status has ended (DOJ Manual, 9-11-155), nothing in the law or regulation contemplates having the Department of Justice, the special counsel, or the grand jury notify the public or witnesses that the investigation has been concluded without the bringing of charges.<sup>5</sup>

As a practical matter, there is no “exoneration.” The case simply concludes without anyone knowing it. Thus, in a very real sense, the case is “successful” for the person with information sought by a federal grand jury when nothing happens. Without disclosing information that is either privileged or covered by grand jury secrecy, it is our reasonable belief that, with respect to Mr. Dagon at least, the grand jury investigation has concluded.

Finally, I would again note that the Third-Party Legal Fees Payment obligates Mr. Dagon to repay any advanced or reimbursed fees if he is found guilty of criminal conduct with respect to the grand jury investigation. As a result, the State of Georgia would not be put in a position of having paid to Mr. Dagon any form of “gift” or “gratuity” in connection with the advancement or reimbursement of legitimate legal expenses incurred as a direct result of his actions within the

---

suspicion that the law is being violated, or even just because it wants assurance that it is not.” *Id.* at 297 (quoting *United States v. Morton Salt Co.*, 338 U.S. 632, 642-43, 70 S. Ct. 357, 94 L. Ed. 401, 46 F.T.C. 1436 (1950)); see also *People v. Doe*, 84 A.D.2d 182, 445 N.Y.S.2d 768, 777 (App. Div. 2d Dep't 1981). By conducting a “thorough and extensive investigation,” the grand jury advances society's interest in the fair enforcement of criminal laws. *Virag*, 430 N.E.2d at 1252 (quoting *Wood*, 370 U.S. at 392)”

<sup>5</sup> Former A.G. Barr’s charge to Special Counsel Durham on October 19, 2020 did note that “In addition to the confidential report required by 28 C.F.R. 600.8(c) the Special Counsel, to the maximum extent possible and consistent with the law and the policies and practices of the Department of Justice, shall submit to the Attorney General a final report, and such interim reports as he deems appropriate, in a form that will permit public dissemination.” 28 CFR 600.8(c) provides that “At the conclusion of the Special Counsel’s work, he or she shall provide the Attorney General with a confidential report explaining the prosecution or declination decisions reached by the Special Counsel.” The rules of grand jury secrecy continue to apply to the contents of such a report. *U.S. House of Representative v. United States DOJ* (In re Committee on the Judiciary), 951 F.3d 589, 445 U.S. App. D.C. 372, 2020 U.S. App. LEXIS 7471 (grand jury secrecy rules permit disclosure of special counsel report and notes to the House Judiciary committee as being a “judicial proceeding” under the meaning of the rule); *In re Application of Reporters Comm. for Freedom of the Press*, 2019 U.S. Dist. LEXIS 165910, 2019 WL 4707242 (no right of the public or of reporters to access to grand jury materials of special counsel). Indeed, federal rules may actually preclude the government from making known to the public even those portions of a special counsel report which do not rely on grand jury information. *United States v. Concord Mgmt. & Consulting LLC*, 2019 U.S. Dist. LEXIS 225949, \*15, 2019 WL 7758635 (“government violated [D.C. Local Crim.] Rule 57.7 by making or authorizing the release of public statements that linked the defendants' alleged activities to the Russian government and provided an opinion about the defendants' guilt and the evidence against them”)



scope of his employment. Additionally, the fact that these funds are paid by the State prior to the final disposition of the matter subject to repayment should not make them a “gift” or “gratuity.” See, e.g., 1973 Op. Att’y Gen. No. 73-87 (advancing travel funds to an employee rather than reimbursing after the fact not a gratuity under the Constitution), Accord, Op. Att’y Gen. U73-2 (January 5, 1973)(unofficial).


We hope this information is helpful and addresses your concerns. Please feel free to let us know if we can provide further information or clarification. Thank you for your attention to this matter.

Yours truly,



**Mark D. Rasch, Esq.**

Admitted in NY MA MD



**Jody R. Westby, Esq.**

Admitted in DC, PA, CO

---

**From:** Olens, Samuel S. <samuel.olens@dentons.com>  
**Sent:** Saturday, February 12, 2022 9:42 AM  
**To:** Bryan Webb  
**Subject:** RE: Dagon Matter Offer of Settlement

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Bryan, see below for a partial response.

In *Wood v. Georgia*, 450 U.S. 261, 268-269 (1981) the U.S. Supreme Court “recognized the inherent dangers that arise when a criminal defendant is represented by a lawyer hired and paid by a third party...” The Court cited the ABA Model Code of Professional Responsibility EC 5-23 (1980) which states:

"A person or organization that pays or furnishes lawyers to represent others possesses a potential power to exert strong pressures against the independent judgment of those lawyers. Some employers may be interested in furthering their own economic, political, or social goals without regard to the professional responsibility of the lawyer to his individual client. Others may be far more concerned with establishment or extension of legal principles than in the immediate protection of the rights of the lawyer's individual client . . . Since a lawyer must always be free to exercise his professional judgment without regard to the interests or motives of a third person, the lawyer who is employed by one to represent another must constantly guard against erosion of his professional freedom."

Id. at fn. 17, p. 287. To be clear, even if counsel selected by the University is fully independent, does not represent the University in any other matter, and has no direct conflict of interest, the mere fact that the counsel is not only reimbursed through a third party payer agreement, but is in fact retained by the University (or selected by the University even if the retainer agreement is with Mr. Dagon) creates in a criminal case the kind of dual loyalty that cannot be waived. See, e.g., *United States v. Luchko*, 2006 U.S. Dist. LEXIS 82569, \*13-14, (E.D. Pa., 2006); 2006 WL 3313946 (“ the conflict *may not be cured* by client consent.” § 81.4 (Rule 1.10, cmt. 6). Rule 1.8(f))” Accord, *In re State Grand Jury Investigation*, 200 N.J. 481, 983 A.2d 1097, 2009 N.J. LEXIS 1155 (N.J. Supreme Court -- inherent conflict for attorneys selected by third parties ).

We have insulated GT from precisely such an allegation of conflict of interest by making it clear in our third party payer agreement that we represent Professor Dagon alone, and that our duty of loyal representation is to him, and that the University, by reimbursing his reasonable attorney’s fees, has no authority to direct the way in which we represent Dagon. This is compelled by the ethics rules.

It is apparent that GT wishes to retain other counsel for Professor Dagon precisely because the University wishes to direct the manner in which counsel will conduct the representation. This would be criminally unethical, and would open both GT and whatever counsel is selected to liability under the applicable ethics rules. As the New Jersey court observed, “One risk is that the lawyer will prevent his client from obtaining leniency by preventing the client from offering testimony against his former employer or from taking other actions contrary to the employer's interest” (footnotes omitted)); *State v. Norman*, 151 N.J. 5, 34, 697 A.2d 511 (1997). In *In re State Grand Jury Investigation*, 200 N.J. 481, 492, 983 A.2d 1097, 1104, 2009 N.J. LEXIS 1155, \*24 noted above, the court noted that It is not the mere payment by a third party of the employees legal fees that create a conflict of interest. *Tolbert v. State*, 298 Ga. 147, 780 S.E.2d 298, 2015 Ga. LEXIS 908 Rather it is the fact that the employer seeks to direct who represents the employee for its own interests rather than for the interests of the employee. <sup>[1]</sup> This appears to be precisely what GT seeks to do.

We also rely on Georgia Ethics Rule 1.7, which precludes a representation where the lawyer has a duty of loyalty that precludes their independent judgment., noting in particular that “A lawyer shall not represent or continue to represent a client if there is a *significant risk that* the lawyer's own interests or *the lawyer's duties* to another client, a former client, or a third person will materially and adversely affect the representation of the client, except [if the client can waive the conflict.] The comments to the ethics opinion note that “Loyalty to a client is impaired when a lawyer cannot consider, recommend or carry out an appropriate course of action for the client because of the lawyer's other competing responsibilities or interests. .... The critical questions are the likelihood that a conflict will eventuate and, if it does, whether it will materially interfere with the lawyer's independent professional judgment in considering alternatives or foreclose courses of action that reasonably should be pursued on behalf of the client. Consideration should be given to whether the client wishes to accommodate the other interest involved.”

It should be noted that GT not only wants to select the counsel that would represent Dagon (in the middle of the ongoing criminal case) but to direct their actions for the benefit of GT, and NOT pursuant to the lawyer's duty of independent judgement on behalf of Dagon, the client. Moreover, if the lawyer is BOTH selected and paid by GT, without an appropriate third party payer agreement that makes it clear that the lawyer's sole and exclusive duty is to zealously represent the client, this would violate the rule and would subject the lawyer to BOTH discipline and removal from representation. As the commentary to the Georgia ethics rule notes, “[t]he lawyer's personal or economic interests should not be permitted to have an adverse effect on representation of a client. See Rules 1.1 and 1.5.” The GA ethics rule also notes that “ If the propriety of a lawyer's own conduct in a transaction is in serious question, it may be difficult or impossible for the lawyer to give a client objective advice. A lawyer may not allow related business interests to affect representation...”

ABA Model Rule of Professional Responsibility (MPR) 1.8(f) provides:

A lawyer shall not accept compensation for representing a client from one other than the client unless:(1) the client gives informed consent;(2) there is no interference with the lawyer's independence of professional judgment or with the client-lawyer relationship; and(3) information relating to representation of a client is protected as required by Rule 1.6 [confidentiality].

In the case of Georgia Tech, the problem appears to be number 2 – that GT wishes to directly interfere with the independence of the lawyer they select. <https://www.americanbar.org/groups/litigation/committees/commercial-business/practice/2019/when-a-third-party-pays-legal-fees/>.

According to the letter sent from Michael Sussman's lawyer Michael Bosworth at Latham & Watkins dated January 21, 2022 and sent to SAUSA Andrew DiFillipis and filed with the U.S. District Court for the District of Columbia, the government has indicated that it intends to produce "tens of thousands of documents" six weeks before the proposed trial date, and that this does not include materials which are classified for national security purposes. The government's pleading of the same date indicates that, to date, the government has produced approximately 133,000 pages of materials and expects to produce an additional 492,285 additional pages in the last week of January. Included in this "discovery dump" by the prosecutor is what they describe as notes and other materials related to **"four current and former employees of the university referred to in the Indictment as "University-1."** See, Government's Discovery Update and Request for Additional Time to Produce Residual Discovery Materials, United States v. Sussman, Dkt 1:21-cr-00582-CRC, Document #33, filed January 25, 2022, page 3, par. 5 and page 5 par xi. This discovery does not include the results of electronic surveillance, information relating to the FBI Domestic Investigations and Operations Guide (DIOG) and what the OSC described as an additional 17000 documents. (Id. p. 9) and an additional 79,000 items related to the FBI files. (Id., p. 10). It also does not include documents in the possession of the Department of Justice's Office of Inspector General, or the FBI Inspection Division.

It is presumed that some of these documents are documents sought by Dagon's counsel that GT gave third parties but not their own employee per open record requests.

Noting GT pays other counsel higher hourly fees, potentially less experienced than Dagon's counsel in these types of cases, it is hard to view the continuing harassment and delays as other than bad faith, subjecting Dagon and the other university employees to potential perjury or worse during the future trial and future indictments.

GT needs to stop treating this as a car wreck injury case and treat their employees with the respect and representation they deserve.

Thank you.

Sam

 Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108

[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)

[Bio](#) | [Website](#)

Dentons US LLP

[Fernanda Lopes & Associados](#) > [Guevara & Gutierrez](#) > [Paz Horowitz Abogados](#) > [Sirote](#) > [Adepetun Caxton-Martins Agbor & Segun](#) > [Davis Brown](#) > [East African Law Chambers](#) > [Eric Silwamba, Jalasi and Linyama](#) > [Durham Jones & Pinegar](#) > [LEAD Advogados](#) > [Rattagan Macchiavello Arocena](#) > [Jiménez de Aréchaga, Viana & Brause](#) > [Lee International](#) > [Kensington Swan](#) > [Bingham Greenebaum](#) > [Cohen & Grigsby](#) > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://www.dentons.com) for Legal Notices.

---

**From:** Bryan Webb <bwebb@law.ga.gov>  
**Sent:** Thursday, February 10, 2022 10:07 AM  
**To:** Olens, Samuel S. <samuel.olens@dentons.com>  
**Subject:** RE: Dagon Matter Offer of Settlement

[WARNING: EXTERNAL SENDER]

---

Thanks.

I will direct this to Tech.

Please let me know what bar rule that I may be violating and I will look into it and remedy.

bkw



**Bryan Webb**  
Deputy Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3542  
[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Olens, Samuel S. <[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)>  
**Sent:** Thursday, February 10, 2022 9:27 AM  
**To:** Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)>  
**Subject:** RE: Dagon Matter Offer of Settlement

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Bryan.

In a last attempt to avoid a suit and accompanying media attention, I once again respectfully request 1) the hourly rate of other retained counsel for this federal investigation, 2) all records previously given to third parties and not shared with the Professor's counsel despite open records requests and 3) a meeting with President Cabrera.

The most recent offer again violates Bar rules regarding representation of a client.

Thank you.

Sam

 **Samuel S. Olens**

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108

[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)  
Bio | Website

Dentons US LLP

Fernanda Lopes & Asociados > Guevara & Gutierrez > Paz Horowitz Abogados > Sirote > Adepetun Caxton-Martins Agbor & Segun > Davis Brown > East African Law Chambers > Eric Silwamba, Jalasi and Linyama > Durham Jones & Pinegar > LEAD Advogados > Rattagan Macchiavello Arocena > Jiménez de Aréchaga, Viana & Brause > Lee International > Kensington Swan > Bingham Greenebaum > Cohen & Grigsby > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://www.dentons.com) for Legal Notices.

---

**From:** Olens, Samuel S. <[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)>  
**Sent:** Tuesday, February 08, 2022 1:35 PM  
**To:** Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)>  
**Subject:** Re: Dagon Matter Offer of Settlement

Bryan, I am not in to formality. And frankly, such formality would not be helpful.

Thanks.

Sam Olens

Sent from my iPhone

On Feb 8, 2022, at 1:32 PM, Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)> wrote:

[WARNING: EXTERNAL SENDER]

Thanks.

Do you mind if I forward them your response below or wait for a more formal one?

Hope all is well.

bkw

Bryan Webb  
Deputy Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3542  
<mailto:bwebb@law.ga.gov>  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Olens, Samuel S. <[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)>

Sent: Tuesday, February 8, 2022 1:17 PM

To: Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)>

Subject: Re: Dagon Matter Offer of Settlement

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Bryan, very disappointing.

They are paying other counsel much more who have done much less.

I expect suit will be filed.

Thank you.

Sam Olens

Sent from my iPhone

[[http://logo.dentons.com/dentons\\_logo.png](http://logo.dentons.com/dentons_logo.png)]

Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108

[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)<<mailto:samuel.olens@dentons.com>>

Bio<<http://www.dentons.com/ch.aspx?email=samuel.olens@dentons.com&action=biolink>> |

Website<<http://www.dentons.com>>

Dentons US LLP

Fernanda Lopes & Asociados > Guevara & Gutierrez > Paz Horowitz Abogados > Sirote > Adepetun  
Caxton-Martins Agbor & Segun > Davis Brown > East African Law Chambers > Eric Silwamba, Jalasi and  
Linyama > Durham Jones & Pinegar > LEAD Advogados > Rattagan Macchiavello Arocena > Jiménez de  
Aréchaga, Viana & Brause > Lee International > Kensington Swan > Bingham Greenebaum > Cohen &  
Grigsby > For more information on the firms that have come together to form Dentons, go to  
[dentons.com/legacyfirms](http://dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](http://dentons.com) for Legal Notices.

On Feb 8, 2022, at 12:44 PM, Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)> wrote:

[WARNING: EXTERNAL SENDER]

---

Please accept this offer for settlement of this issue from my client, Georgia Tech.

Tech will agree to pay \$83,573.00 for past services. For future services on behalf of Mr. Dagon, Tech will agree to pay the rate of \$350.00/hour with a monthly billable cap of 25 hours. This would be a maximum of \$8,750.00 billed each month as the matter goes forward. This would continue until the combined total for past services and any future services reaches the amount of \$150,000.00.

I look forward to hearing back from you.

bkw

[<cid:image001.jpg@01D81CE9.8DF63430>] <<http://law.ga.gov>>

[Facebook] <<http://www.facebook.com/GeorgiaAttorneyGeneral>>

[Twitter] <[http://www.twitter.com/georgia\\_ag](http://www.twitter.com/georgia_ag)>

Bryan Webb  
Deputy Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3542  
[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334



---

<sup>[1]</sup> The court there established a six part test for accepting payment from a third party. The Supreme Court held that third-party payment of attorney fees is permissible provided the following six conditions are satisfied (Id. at 495-96):

- (1) The informed consent of the client is secured;
- (2) The third-party payer is prohibited from, in any way, directing, regulating or interfering with the lawyer's professional judgment in representing his client;
- (3) There cannot be any current attorney-client relationship between the lawyer and third-party payer;
- (4) The lawyer is prohibited from communicating with the third-party payer concerning the substance of the representation;
- (5) The third-party payer shall process and pay all invoices within the regular course of its business, consistent with the manner, speed and frequency it pays its own counsel; and
- (6) Once a third-party payer commits to pay for the representation of another, the third-party payer shall not be relieved of its continuing obligation to pay without leave of court.

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Thursday, November 5, 2020 9:20 PM  
**To:** Bryan Webb  
**Cc:** Mark Rasch  
**Subject:** Thank you & Docs Promised  
**Attachments:** DAGON - THIRD PARTY LEGAL SERVICES PAYMENT AGREEMENT v2.docx; DAGON - Letter to Kate re Scope of Employment v6.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Bryan,

Thank you for taking time at the end of a long day to speak with Mark and me. We enjoyed the conversation. As promised, I have attached the first letter we provided to Ling-Ling and the Third Party Payor Agreement we provided. Please let us know if you have any questions or need further information. Thanks again.

Kind regards,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

## **THIRD PARTY LEGAL SERVICES PAYMENT AGREEMENT**

This Third Party Legal Services Payment Agreement (“Agreement”) is made by and between Global Cyber Legal LLC (“COUNSEL”), a Delaware limited liability company, and Georgia Institute of Technology (“THIRD PARTY”), a Georgia \_\_\_\_\_, and David Dagon (“CLIENT”), effective \_\_\_\_\_. THIRD PARTY, COUNSEL, and CLIENT shall be collectively referred herein as “the Parties.” The Parties agree as follows:

### **1. Premises**

1.1 COUNSEL is Global Cyber Legal LLC, a law firm providing legal services on civil, criminal, and administrative matters.

1.2 CLIENT is David Dagon, a cybersecurity researcher who is, and at all applicable times has been, an employee of Third Party.

1.3 THIRD PARTY is Georgia Institute of Technology, a public research university and institute of technology in Atlanta, Georgia.

1.4 COUNSEL has been engaged by CLIENT to provide legal assistance with respect to a criminal grand jury investigation and a subpoena for documents and request that CLIENT provide voluntary cooperation to the investigation (“Services”).

1.5 COUNSEL is required to inform and obtain consent from CLIENT regarding any Third Party agreements impacting the scope of representation by applicable ethics rules, ABA Model Rule of Professional Responsibility 1.8(f).

### **2. THIRD PARTY Payment Liability and Agreement to Pay**

THIRD PARTY hereby agrees to pay fees and costs incurred by COUNSEL in performing Services subject to the terms of this Agreement. THIRD PARTY’s agreement to pay for Services under this Agreement is limited to (a) COUNSEL’s representation of CLIENT with respect to the District of Columbia grand jury convened by Connecticut U.S. Attorney John Durham (also known as the “Durham investigation”), and (b) any subpoena served on CLIENT or claim against him filed in the civil litigation filed by Alfa Bank pending in Florida and Pennsylvania. Fees and costs shall not exceed \$200,000 without written authorization by THIRD PARTY.

### **3. THIRD PARTY Indemnification and Right to Refuse Payment.**

THIRD PARTY’s liability and obligation to pay fees and costs for Services pursuant to this Agreement shall be null and void and it shall have right to indemnification from CLIENT for all fees and costs already paid in connection with Services if it is determined by a court of competent jurisdiction that CLIENT is guilty of criminal conduct with respect to the grand jury investigation.

### **4. Duties Owed to Client.**

THIRD PARTY acknowledges and agrees that COUNSEL owes ethical duties to the CLIENT. All decisions regarding the legal strategy and status of the matter shall be discussed only with the CLIENT, unless the CLIENT gives COUNSEL express written permission to discuss with THIRD PARTY or Joint Defense Agreement permits such communications and disclosures.

## **5. Receipt of Confidential Information / No Waiver of Privilege**

In addition to the duties in Section 4., THIRD PARTY acknowledges that it will have no right to information regarding the representation, provided however that COUNSEL may, at their sole discretion, share confidential information with THIRD PARTY, and CLIENT may share confidential information with THIRD PARTY at any time particularly for purposes of termination for cause under Section 9. THIRD PARTY acknowledges and agrees that receipt of confidential client information shall not in any way waive any privilege or protection for Client's confidential information, secrets and attorney work-product. Nothing contained herein shall prevent the parties from entering into a separate agreement regarding the sharing of information in pursuance of a joint legal defense.

## **6. Attorneys' Fees.**

Legal services will be provided by members of COUNSEL. Attorneys' fees are based on how much time is spent on the applicable matter and by whom. Billing will be in minimum time increments of one-tenth of an hour (.10) even if the actual time expended is less. Hourly rates will be based on Attorneys' then-current rates, but in no case shall exceed three hundred and fifty dollars (\$350) per hour, with travel time billed at one-half of the standard rate.

## **7. Costs.**

THIRD PARTY will pay for reasonable costs associated with the representation that COUNSEL incurs in providing the Services. Any cost expected to be over \$2,000 must be approved by THIRD PARTY in advance.

## **8. Billing and Payment.**

COUNSEL will bill THIRD PARTY monthly, which will include reasonable detail as to the services rendered. Statements are due within 30 days of receipt by THIRD PARTY PAYOR. THIRD PARTY shall promptly pay such fees and costs.

## **9. Termination and Withdrawal.**

Any Party may terminate at any time upon written notice to the other Parties, subject to this Section. At termination, all charges are due according to Sections 6 and 7 of this Agreement. On giving or receiving a termination notice, COUNSEL shall cooperate as appropriate in transferring any applicable legal representation to such attorneys as directed by the CLIENT, and otherwise cooperating in winding up any applicable legal services; provided, however, that nothing in this Agreement shall limit the ability of CLIENT from arranging directly with COUNSEL for continued legal services. Unless COUNSEL otherwise agree in writing, on termination they will provide no further services and advance no further costs on behalf of the CLIENT. COUNSEL may terminate this Agreement at any time, subject to the Rules of Professional Conduct as to the termination regarding the CLIENT.

## **10. Disclaimer of Guarantee.**

THIRD PARTY acknowledges that nothing in this Agreement constitutes a promise or guarantee about the outcome of the matter, and that COUNSEL are not making any such promises or guarantees, or otherwise any assurances as to outcome. It is

impossible to determine in advance the amount of time that will be needed to complete any particular tasks or the total cost of the engagement, and if COUNSEL provides an estimate of time or costs, it is an estimate only and not a maximum or fixed fee.

#### **11. Consent to Electronic Communication.**

The Parties acknowledge that they intend to use common electronic communications technology, including, without limitation, email, cellular telephones, and file-sharing systems such as Google Drive or Drop Box. The current state of communications technology is such that using the aforesaid technology may place confidential or privileged information at risk of inadvertent disclosure. The Parties agree and acknowledge that the convenience and usefulness of such technology outweighs the associated risk, and consents to the use of such technology and assume the risks associated therewith. Additionally, any document related to this Agreement or the performance of the legal services may be transmitted by facsimile or other electronic means.

#### **12. General.**

This Agreement is binding on all Parties and each Party's successors, assigns, executors, and administrators. Each Party agrees to execute, with acknowledgment or certification as necessary, all instruments and agreements that are reasonably necessary or convenient in fulfilling the purposes of this Agreement. This Agreement: (1) may be executed in counterparts (including separate signature pages and electronically transmitted copies), each of which shall be deemed an original and all of which shall constitute one and the same agreement; (2) shall be construed under Georgia law without regard to the conflicts-of-law provisions thereof; (3) this Agreement contains the entire agreement among the Parties concerning the subject matter of this Agreement; and (4) may be amended only by a written instrument signed by the Parties.

This Agreement shall be governed by the laws of the State of Georgia, and the parties agree that venue shall be proper in the Courts of Fulton County, or the United States District Court for the Northern District of Georgia.

If part of this Agreement is for any reason held to be invalid, illegal, or unenforceable, the invalidity, illegality, or unenforceability shall not affect any other provisions, and this Agreement shall be equitably construed as if it did not contain the invalid, illegal, or unenforceable provision.

Each Party executing this Agreement states that they have carefully read this Agreement and know its contents, that their duly authorized counsel has explained this Agreement to them to the extent that they have determined necessary or desirable, that they understand this Agreement, and that they have executed this Agreement voluntarily.

Each Party executing this Agreement on behalf of an entity or another person warrants that they have the power and authority to execute this Agreement on behalf of such entity or other person.

**GLOBAL CYBER LEGAL LLC**

By: \_\_\_\_\_

Jody R. Westby  
Managing Principal

**GEORGIA INSTITUTE OF TECHNOLOGY**

By: \_\_\_\_\_

Ling-Ling Nie  
General Counsel and Vice President for  
Ethics and Compliance

**DAVID DAGON**

By: \_\_\_\_\_

David Dagon  
Research Scientist for Georgia Institute of  
Technology

September 28, 2020

Kate Wasch, Esq.  
Chief Counsel, Employment & Litigation  
Office of Legal Affairs  
Georgia Institute of Technology  
760 Spring Street NW, Suite 324  
Atlanta, Georgia 30332-0495

Dear Kate:

Thank you for your response to our inquiry whether Georgia Tech would agree to pay for David Dagon's legal fees with respect to the investigation being conducted by a D.C. grand jury on behalf of Connecticut United States Attorney John Durham ("the Durham investigation"). You state in your reply that:

It is not clear to me that the work David did was undertaken in his role as a GT employee. He may have used data to which he had access by virtue of his employment at GT, but the work was not part of his GT duties."

We hope, via this letter, to clarify any confusion regarding Georgia Tech's and Mr. Dagon's role and whether Mr. Dagon's actions were undertaken within the scope of Mr. Dagon's employment for Georgia Tech.

### Background

At the outset, we note that Mr. Dagon was, at all relevant times, employed as a Research Scientist by Georgia Tech, specifically to conduct research and obtain funding in the areas of Internet attribution, IoT devices, and DNS research. Your own policies indicate that research faculty's "primary job responsibility involves leading, developing, and delivering the research, extension, and technology transfer programs of the Institute."

<http://policylibrary.gatech.edu/faculty-handbook/2.3.1-members-0>

This is precisely what Mr. Dagon has done in his job performance during his employment at Georgia Tech.

Mr. Dagon's work for Georgia Tech included the attribution work he did on the Mariposa botnet, for which Mr. Dagon received an award and commendation from then FBI Director Mueller, and for which the University released several press releases. In addition, Georgia Tech presented Mr. Dagon with an exceptional award for "Outstanding achievement in research program development, for initiating team research to create a new thought leadership platform during the period of January 2012 to December 2014." The award was accompanied by a generous cash

payment. Georgia Tech presented Mr. Dagon with yet another of these rarely bestowed awards for “Initiating team research to create a new thought leadership platform during the period January 1, 2015 to December 31, 2017” – *the exact period of time that is being examined by the Durham investigation.*

#### Work Performed by Mr. Dagon for Georgia Tech That is Subject to the Investigation

The work that Mr. Dagon did on attribution analysis of communications traffic, which relates to the current legal matter, involved research on the Democratic National Convention hack, the Advanced Persistent Threat-28 (APT-28) malware, analysis of potential attack traffic related to the 2016 election (including traffic between the Trump Organization, Spectrum Health, and Alfa Bank), and analysis of Yota phone communications traffic. This work is no less within the scope of Mr. Dagon’s employment than the work he did on the Mariposa botnet.

Indeed, much of this work was done in preparation for and in fulfillment of the obligations of the multi-million-dollar DARPA contract he helped bring to Georgia Tech (and about which the University similarly issued a press release). To suddenly decide that this attribution work was “not within the scope of Mr. Dagon’s employment” would, of course, put this funding at risk, and would similarly implicate any remedies or defenses the University may have under O.C.G.A. 50-21-25, not only with respect to the Durham investigation, but generally. In short, Mr. Dagon’s attribution research was not a frivolous pursuit, but was integral to the research he secured for Georgia Tech. Any assertion to the contrary is disingenuous.

As we noted in our previous call, when Mr. Dagon undertook a thorough review of work related to the investigation, which was performed from the end of 2016 forward, *he discovered that almost all of the initial work performed by him was on behalf of Georgia Tech under the DARPA contract: the work related to queries submitted by the U.S. Department of Justice (DOJ) through DARPA regarding Russian communications between Alfa Bank and the Trump organization and Mr. Trump’s use of a Russian Yota phone — the exact subject matter of the criminal Grand Jury subpoena that Mr. Dagon received from the Durham investigation.* The requests were sufficient to require Mr. Dagon and Prof. Antonakakis (“Manos”) to set up a file within the DARPA project called “DOJ” and a sub file called “Mueller” because they knew that these requests were coming from DOJ and being sent back (via DARPA) to DOJ and the Mueller investigation.

This is precisely what the Durham investigators are looking at – the work Mr. Dagon did under the DARPA contract on behalf of Georgia Tech. In particular, the research that Mr. Dagon conducted on DNS records starting in late 2016 and continuing through early 2017, and the research he conducted related to the Yota phone were always conducted as part of Mr. Dagon’s duties as a security researcher employed by Georgia Tech.

This work was in furtherance of his duties and obligations at Georgia Tech; it was for the benefit of Georgia Tech; and it was within the scope of his employment at Georgia Tech. In addition, his response to first the FBI/DOJ inquiries that were made through DARPA, and his later response to the grand jury subpoena and other investigative queries have always been within the scope of his employment and meticulously coordinated with his employer.



All of the initial meetings and discussions that Mr. Dagon held among security researchers and Internet service providers (ISPs) about the data that Georgia Tech would need to create a database for the analysis of DNS records and the methods that Mr. Dagon would use to analyze DNS records (not just related to the Trump Organization and Alfa Bank, but in general) were conducted on behalf of Georgia Tech. Indeed, Mr. Dagon's trip to the 2016 Messaging, Malware and Mobile Anti-Abuse Working Group (M3AAWG) meeting in Philadelphia, at which the initial discussions among researchers and ISPs took place regarding the DNC hack and analysis of traffic data, was a trip that was authorized and funded by Georgia Tech and was clearly within the scope of Mr. Dagon's employment.

Additionally, the queries against the database created under or in furtherance of the DARPA contract, including the specific queries made for or on behalf of the Department of Justice and/or its component agencies (including the FBI), as well as those made on behalf of the Department of Defense, were done as part of Mr. Dagon's work for Georgia Tech, and were within the scope of his employment. Mr. Dagon's work with respect to the Yota phones may also implicate grants that Mr. Dagon was instrumental in obtaining for Georgia Tech from other entities like the National Institutes of Standards and Technology (NIST), which related to the analysis of signatures and behavior of certain Internet of Things (IoT) devices. This was research for which Mr. Dagon was responsible for bringing in funds for Georgia Tech, and his associated research was conducted within the scope of Mr. Dagon's employment.

While Georgia Tech did not direct any specific inquiry or report, Mr. Dagon's DNS research in general – and the specific inquiries and analysis which are the subject of the Durham grand jury probe – are, and have always been, part of Mr. Dagon's work on behalf of Georgia Tech. Indeed, Georgia Tech benefits from – and has always benefited from – Mr. Dagon's work, as well as from the tremendous prestige, capabilities, and funding that Mr. Dagon has brought to Georgia Tech as a result of his world renown expertise and research, which are reflected in the award of the DARPA contract and the research which is the subject of the grand jury investigation.

This research is not something that Mr. Dagon undertook as a “frolic and detour” or for private commercial advantage. Indeed, as we discussed, even Mr. Dagon's use of the commercial entity “Glomar Research” was to conveniently purchase certain hardware for Georgia Tech research on behalf of the DARPA contract and his employer. Importantly, Mr. Dagon kept Manos and other officials at Georgia Tech apprised of his work, his research plans, and findings. There were ample opportunities for Georgia Tech to advise him during these months that this work was not something they wanted him to do or considered within the scope of employment. No one ever advised him of such. To the contrary, the insights gained from this work allowed Georgia Tech to select and price datasets for the DARPA project, making it all the more successful.

We have reviewed the DARPA contract that you provided (which was not the contract applicable to the DARPA work referenced in this letter), which lists Glomar Research as a subcontractor. This reinforces that Mr. Dagon's use of Glomar Research was not unrelated to his work for Georgia Tech and was done for the benefit of Georgia Tech.

Mr. Dagon has always treated his actions, both in conducting the research at issue and responding to the Durham investigation as being part of his responsibility as an employee of Georgia Tech. For example, on April 30, 2020, in an email to DOJ investigator Tim Fuhrman, following a conversation between Mr. Dagon and Fuhrman, Mr. Dagon stated:

“As we discussed, we’re required to work through the school’s liaison process. Prof. Manos Antonakakis, addressed above, is my co-PI on research projects and supervises my work in the lab....So can you briefly relay to Prof. Antonakakis the nature of your inquiry? He can then engage our university and federal liaison staff. You noted this concerns the general type of DNS information discussed in this public report:

[https://justthenews.com/sites/default/files/2020-04/Ankura\\_AlfaBank\\_Res=earchAnalysis\\_Apr2020dh.pdf.pdf](https://justthenews.com/sites/default/files/2020-04/Ankura_AlfaBank_Res=earchAnalysis_Apr2020dh.pdf.pdf)

...I suspect that your inquiry may be relevant to Georgia Tech, and our sponsored research projects.”

Clearly, in responding to the Durham investigation – the precise matter for which Mr. Dagon seeks reimbursement of legal fees – Mr. Dagon was acting as an employee of Georgia Tech and was deferring to his employer. A subsequent email from Manos to Mr. Dagon on June 16, 2020, stated:

“Just talked to the Dean and the consensus at GT is that we will not be doing anything to help DoJ unless legal documents are presented to us. GT legal will handle any subpoenas arriving to my or your mail boxes on this topic because they consider it a work-related issue. Both the GT lawyers and/or the local FBI folks are under the impression that subpoenas will not arrive to us because if DoJ wanted to reach that point they would have already.... We are under very strict communication guidelines when it comes to this issue. You do not talk to the DoJ investigator without the presence of a GT lawyer on the line. You forward to me and the Chief of Police any new communication requests from DoJ in this subject and you do not correspond with them unless GT legal asks you to.”

On July 6, 2020, Manos sent an email to you and Ling-Ling and stated:

“Hey Kate and Ling-Ling, Dave is looking for some advice. Can we please provide some guidance to our researcher on how he should reply back to the DoJ investigator?”

In sum, Mr. Dagon’s entire response to the Durham investigation has been coordinated with your office, and has been as an agent and representative of Georgia Tech. His seeking and obtaining private counsel were within his personal right and with the intention to minimize unwanted publicity or attention to Georgia Tech. The fact that the issues being investigated by the Durham prosecutors are wholly without merit – both factually and legally – enhance the argument that Mr. Dagon’s lawful research was within the scope of his employment, and his response to the investigation is similarly within that scope.

Indeed, it was for this reason that we both agreed that a representative of your office should be present if Mr. Dagon decided to present evidence to the Durham investigators, and that any statements he made would be as a representative of his employer. Thus, Mr. Dagon's work which is the subject of the Durham investigation, his response to subpoenas, and his response to the Durham investigation in its entirety is work performed within the scope of Mr. Dagon's employment at Georgia Tech.

#### Mr. Dagon's Request for Legal Fees

Mr. Dagon's request for the university to pay his legal fees associated with this matter is not out of the ordinary. Prof. L. Jean Camp of Indiana University, for example, who has received a subpoena for the criminal grand jury investigation and the pending civil litigation filed by Alfa Bank, is being represented by counsel paid for by the university. Similar action is not without precedent in Georgia.

O.C.G.A. § 45-9-21(c) provides an example of a statute which permits a public entity to reimburse a government employee the costs and expenses associated with responding to criminal investigations that arise within the scope of their employment. *Bd. of Comm'rs v. Saba*, 278 Ga. 176, 598 S.E.2d 437 (2004)

In other cases, Georgia Courts have held that government agencies either had the authority to, or the legal requirement to, reimburse employees' legal expenses if those expenses were incurred in connection with their duties as government employees. Accord, *Gwinnett Cty. v. Blaney*, 275 Ga. 696, 572 S.E.2d 553 (2002) (espousing the general rule that the legal expenses of a government employee should be reimbursed if the employee was acting within the scope of their employment).

As the Court noted in *Heiskell v. Roberts*, 342 Ga. App. 109, 109, 802 S.E.2d 385, 387 (2017) "when "an official, acting in his official capacity, is required to hire outside counsel to assert a legal position the local government attorney ... will not assert, and the official is successful in asserting his or her position, the local government must pay the official's attorney fees." *Gwinnett County v. Yates*, 265 Ga. 504, 508 (2) (458 SE2d 791) (1995). "This is not because of any bad faith or improper conduct on the part of the local government, in this case, the county. Rather, attorney fees in this instance are simply an expense of government operation." *Gwinnett Cty. v. Yates*, 265 Ga. 504, 508-09, 458 S.E.2d 791, 795 (1995)

In this instance, it is doubtful that either Georgia Tech counsel or the Georgia Attorney General would be capable of representing Mr. Dagon in connection with the Durham investigation due to issues of privilege, waiver, and information sharing inherent in the nature of the Durham investigation. The Attorney General would be put in the untenable position, as a law enforcement entity, of having to assert Mr. Dagon's right not to testify before a federal grand jury – the assertion of which right could rightly serve the interests of Georgia Tech. Thus, it serves the interests of Georgia Tech and the State to have Mr. Dagon represented by private counsel with the concomitant authority to assert certain privileges which might be waived with representation provided by the Attorney General.

It is also important to note that should Georgia Tech assert that Mr. Dagon's work within the scope of the investigation was not within the scope of his employment, there might be serious,

adverse consequences in the event that Georgia Tech is civilly sued by entities like Alfa Bank, which has already filed two civil “John Doe” lawsuits in Florida and Pennsylvania. Alfa Bank has issued dozens of subpoenas to individuals (including to numerous cybersecurity researchers) and institutions in an effort to attach institutions and names to the various “John Doe’s” in the complaint. A position that Mr. Dagon was not acting as an employee of the State might be used to vitiate any immunity that Georgia Tech could otherwise assert in a civil case, and such a position is inconsistent with the facts. Mr. Dagon was and is an employee of Georgia Tech with the responsibility of researching precisely the kind of activities he had undertaken.

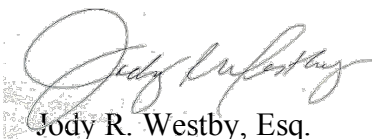
We are happy to address any concerns that you may have in this regard, but it seems clear to us that a person employed as a security researcher who conducts security research for his employer, and also brings millions of dollars in research grants to the school from this research, is acting within the scope of his employment in doing so. We hope this information clarifies the issue and that Georgia Tech will agree to assume responsibility for his legal fees.

Per our earlier discussion, we have attached a draft Third Party Payor Agreement, which is commonly used when an employer assumes responsibility for legal fees of one of its employees. Thank you for your attention to this matter. We look forward to your response.

Yours truly,



Mark D. Rasch, Esq.  
Admitted in NY MA MD



Jody R. Westby, Esq.  
Admitted in DC, PA, CO

---

**From:** Kinney, Angela D. <angela.kinney@dentons.com>  
**Sent:** Wednesday, December 15, 2021 3:09 PM  
**To:** 'linglingnie@gatech.edu'; 'christian.fuller@legal.gatech.edu'; 'bwebb@law.ga.gov'; 'rebecca.sullivan@doas.ga.gov'; 'susan.setterstrom@doas.ga.gov'  
**Subject:** David Dagon Letter  
**Attachments:** Dagon Letter with all Exhibits.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon

At the request of Sam Olens, please find attached a letter in regards to David Dagon with Exhibits.

Kind regards,  
Angie



Angela D. Kinney

Legal Secretary

Assistant To: Eric J. Tanenblatt, Ashley D. Bell, Chan Creswell, Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4643 | US Internal 74643

[angela.kinney@dentons.com](mailto:angela.kinney@dentons.com)

[Website](#)

Dentons US LLP

303 Peachtree Street, NE, Suite 5300, Atlanta, GA 30308

Fernanda Lopes & Asociados > Guevara & Gutierrez > Paz Horowitz Abogados > Sirote > Adepetun Caxton-Martins Agbor & Segun > Davis Brown > East African Law Chambers > Eric Silwamba, Jalasi and Linyama > Durham Jones & Pinegar > LEAD Advogados > Rattagan Macchiavello Arocena > Jiménez de Aréchaga, Viana & Brause > Lee International > Kensington Swan > Bingham Greenebaum > Cohen & Grigsby > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://www.dentons.com) for Legal Notices.

December 15, 2021

Ling-Ling Nie  
General Counsel  
Office of Legal Affairs  
Georgia Institute of Technology  
760 Spring Street NW, Suite 324  
Atlanta, GA 30332-0495

Christian Fuller  
Senior Counsel, Employment & Litigation  
Office of Legal Affairs  
Georgia Institute of Technology  
760 Spring Street NW, Suite 324  
Atlanta, GA 30332-0495

Bryan Webb  
Deputy Attorney General  
Office of Attorney General Chris Carr  
Government Services & Employment  
State of Georgia  
40 Capitol Square SW  
Atlanta, GA 30334

Rebecca Sullivan, General Counsel and Assistant Commissioner of Government Affairs  
Susan Setterstrom, Assistant Director  
Georgia Department of Administrative Services  
200 Piedmont Avenue, Suite 1220, West Tower  
Atlanta, Georgia 30334

RE: David Dagon and Global Cyber Legal LLC

I represent Global Cyber Legal LLC (“GCL”) and their client, David Dagon (“Clients”). I have been retained to represent both Clients with regard to past and future legal fees associated with the United States Department of Justice (“DOJ”) Special Counsel investigation and a related civil lawsuit. I write this letter to provide some background about these legal matters, clarify some issues that have been of concern to various entities, and to finalize an agreement for one or all of the recipients of this letter to assume responsibilities for Mr. Dagon’s legal fees incurred as a result of his employment at Georgia Tech.

## **Background**

Mr. Dagon is a Term Research Engineer II at the Georgia Institute of Technology (“Georgia Tech”). He retained GCL to represent him in connection with the criminal investigations being conducted by the DOJ Office of Special Counsel and associated grand juries regarding the 2016 FBI and DOJ investigations into Russian interference in the 2016 Presidential election and the Trump campaign. Specifically, Mr. Dagon retained well-known and respected cybersecurity and white collar criminal attorneys Mark D. Rasch and Jody R. Westby.

Part of the DOJ investigations discussed above focus on what role various cybersecurity researchers had in collecting, analyzing, or disseminating findings about the purported “Trump-Russia” covert communications that were given to DOJ and other Government agencies. The Special Counsel’s investigation involved some of the top cybersecurity researchers in America, including Dr. Manos Antonakakis (PhD’12), Associate Professor in the School of Electrical and Computer Engineering (ECE) and an adjunct faculty member in the College of Computing (CoC) at Georgia Tech; Dr. Angelos Keromytis, Professor, John H. Weitenauer Jr. Chair, and Georgia Research Alliance (GRA) Eminent Scholar at the Georgia Institute of Technology; David Dagon, Term Research Engineer II, School of Electrical and Computer Engineering at Georgia Tech; Dr. L. Jean Camp, Professor of Informatics at Indiana University; and others.

In April 2020, FBI agent Tim Fuhman contacted David Dagon regarding the Special Counsel’s investigation. Mr. Dagon emailed Mr. Fuhman and requested that he contact his supervisor, Manos Antonakakis (“Manos”). By May 2020, Georgia Tech’s legal office had a request from Special Agent Fuhman to interview David Dagon. Mr. Dagon talked to Kate Wasch, Lead Employment & Litigation Counsel for Georgia Tech, and asked about obtaining counsel; he was told to “wait and see” what happens. On July 6, 2020, Manos wrote to Georgia Tech’s General Counsel, Ling-Ling Nie, and Kate Wasch, and asked, “Hey Kate and Ling-Ling, Dave is looking for some advice. Can we please provide guidance to our researcher on how he should reply back to the DOJ investigator?”

In August, Mr. Dagon received a grand jury subpoena from the Special Counsel to Glomar Research, a small LLC Mr. Dagon set up and used for small, fast equipment purchases he needed for Georgia Tech projects. Mr. Dagon retained GCL within days of receiving the subpoena, noting to GCL that he wanted them to protect (a) his interests, (b) the interests of his research, (c) the integrity of the U.S. Government contracts he was instrumental in bringing to Georgia Tech, (d) the continued funding of this research, and (e) the reputation of Georgia Tech as the nation’s top university in cybersecurity research.

GCL promptly reached out to Georgia Tech’s legal office on August 11, 2020 and had a call with Kate Wasch on August 17, 2020. On September 16, 2020, GCL raised the issue of Georgia Tech paying Mr. Dagon’s legal fees with Kate Wasch and on October 7, 2020, sent her a Third Party Payor Agreement. From this point forward, GCL has continually reached out to Georgia Tech and the Office of the Attorney General seeking payment of legal fees.

Since the initial subpoena was issued, Mr. Dagon received another subpoena from the Special Counsel for testimony, which culminated in several days of meetings with the Special Counsel's team and several days of grand jury testimony. The Special Counsel's investigation continues to this date; two indictments have been issued. The Special Counsel has advised Mr. Dagon that he will need to testify in at least one of these trials, which is currently expected to begin in July 2022.

Around the same time as the indictments, the identities of Messrs. Antonakakis and Dagon were revealed to the attorneys in the civil litigation filed by Alfa Bank, Russia's largest private bank, which is owned by oligarchs. Importantly, on September 23, 2021, GCL advised Georgia Tech that Mr. Dagon had received subpoenas for testimony and document production in this "John Doe" Florida Litigation, *Alfa Bank v. Doe*. This civil lawsuit presents many similar issues to the DOJ investigation discussed above.

GCL notified Mr. Christian Fuller, Senior Employment and Litigation Counsel at Georgia Tech, of the subpoenas and indicated that Mr. Dagon desired for GCL to also represent him in the civil matter. GCL was agreeable to doing so. Significantly, Mr. Fuller also indicated that his office preferred that GCL continue representing Mr. Fuller in connection with the civil subpoenas. *See* Exhibit 1.

After further correspondence between Mr. Fuller and GCL, Mr. Fuller informed GCL that it should reach out to the Georgia Department of Administrative Services ("DOAS") regarding payment for past and future payments associated with the DOJ investigation and the civil matter.

Clients have now retained the undersigned to ensure that they are equitably compensated and protected. Our Clients are fully entitled to reimbursement for reasonable past representation and future occurrences. I have reviewed all of the written correspondence between GCL and interested parties and write to clarify a few main points.

### **Mr. Dagon was acting within the scope of his employment**

Initially, I understand that there was some question about whether Mr. Dagon was acting within the scope of his employment with Georgia Tech when he conducted the research at issue in these matters. Mr. Dagon was a Term Research Engineer II at all relevant points. Both the DOJ investigation and the civil lawsuit relate directly to activities performed by Mr. Dagon during the scope of his employment.

On September 28, 2020, GCL provided a detailed Memorandum to Georgia Tech outlining how these activities were also authorized *and directed* by other State agents. *See* Exhibit 2. Briefly, this Memorandum highlights how Mr. Dagon performed much of his work in preparation for and in fulfillment of the DARPA contract Mr. Dagon helped secure for Georgia Tech. Indeed, Mr. Dagon was presented with an award from Georgia Tech for "initiating team research to create a new thought leadership during the period of January 1, 2015 to December 31,



2017.” Not coincidentally, this period of time coincides with the time period that is being looked at by the DOJ investigation.

After review of this Memorandum, the General Counsel of Georgia Tech, Ling-Ling Nie, acknowledged our Clients’ position that this was within the scope of Mr. Dagon’s employment. *See Exhibit 3.* Given that GCL’s information about the scope of employment “impact[s] other decisions going forward, particularly attorney representation for David” Dagon, Ms. Nie directed GCL to contact Mr. Webb regarding payment.

We trust from all of this correspondence that the initial threshold question of scope of employment has been resolved. However, I am happy to speak with you in more detail if you have any additional questions.

### **Mr. Dagon is not under federal investigation**

Second, Mr. Dagon is not and has never been subject to indictment and was never a target of the grand jury investigation. I understand that, at various points, the DOAS General Liability Agreement has been cited as stating that reimbursement will occur for “reasonable legal fees and other expenses incurred in the successful defense of a criminal action directly related to the performance” of the employees’ duties. CGL-401-14-21.

To ensure that all of his interests were fully protected, Ms. Westby and Mr. Rasch sought—and were granted—*full statutory immunity* for Mr. Dagon by the federal District Court in connection with the Special Counsel investigation. This constitutes a successful defense of the criminal matter. This case is simply not one where CGL-401-14-21 would apply to bar any sort of payment before an “exoneration.” Given the nature of the investigations, exoneration in the normal sense of being found not guilty at a trial in the matter, or having the charges dismissed, simply will not occur in a grand jury situation. Indeed, Mr. Dagon has full statutory immunity, which ensures he will not face criminal charges. And, as described below, pursuant to the Third Party Payor Agreement, Mr. Dagon has agreed he would return all reimbursed legal fees if he were convicted of any crimes related to these matters.

There has been extensive correspondence amongst the interested parties regarding this point. Because I do not seek to simply rehash what has already been said, I will just offer to speak with anyone with additional questions about this opinion. But the wording of the DOAS policy certainly does not preclude reimbursement of Mr. Dagon’s legal fees.

### **Payment of fees does not violate the Georgia Constitution**

Finally, I understand that the Attorney General’s Office has looked into the question of whether the payment of these legal fees would violate the gratuities clause of the Georgia Constitution, Art. III, § VI, Para. V(a). On January 29, 2021, GCL sent Mr. Webb a detailed Memorandum explaining how the payment of the attorneys’ fees is legal and does not violate the gratuities clause. *See Exhibit 4.* Briefly, the reimbursement of legal fees incurred in the ordinary

course of an employee's work is not a "special reward" or "gift" to the employee whose legitimate and necessary expenses are reimbursed. And although Mr. Dagon has been granted full immunity, the third-party payer agreement expressly provided that Mr. Dagon would return any legal fees paid if he is found guilty of any criminal conduct with respect to the grand jury investigation.

On February 23, 2021, GCL notified Ms. Nie that it understood Mr. Webb had determined there was no issue with the gratuities clause and Georgia Tech's payment of GCL legal fees. Three days later, Ms. Wasch wrote GCL and offered to pay \$46,462.50 of GCL's fees, which she calculated to be at about \$150/hour, based on an earlier hours report.

### **The fees of Mr. Dagon's counsel are reasonable**

GCL has rightly rejected this offer as insufficient. GCL's fees for representation of Mr. Dagon are \$350/hour, providing a nice discount to the State, as their regular rate is \$595/hour, and the retainer agreement with Mr. Dagon was discounted to \$395/hour. These fees are imminently reasonable as to both rate and number of hours, especially considering the complexity of this matter and the duration of representation -- nearly 18 months of legal services have been provided to Mr. Dagon.

Special Counsel investigations are fundamentally different from other criminal investigations, involve multiple agencies and departments, and present highly political and complex legal and factual issues. Indeed, they are more complex than other federal criminal investigations conducted by DOJ. As one commentator noted with respect to fees in Independent Counsel ("IC") investigations:

There are several reasons why these legal fees are so high. First, officials often face multiple investigations regarding the same allegations....Second, in responding to investigations that are so easily politicized, government officials naturally want to retain white collar criminal defense lawyers who have expertise in dealing with politics. These lawyers are generally able to command high fees. ... A former IC has stated that "lawyers must be hired, even by the most insignificant witnesses. The dire consequences of merely misspeaking, which could result in a false-statement charge, are high, given the [IC's] vast powers." Many others have noted that IC investigations often become politically charged. In such an atmosphere, it is not surprising that even "mere witnesses" feel the need for someone to look out for their best interests.<sup>1</sup>

The Special Counsel investigation has run longer than the Mueller investigation. It has been multifaceted and involved not only Mr. Dagon and other cybersecurity researchers, but also swept in the entities from which Georgia Tech acquired the data used in their research. The hours

---

<sup>1</sup> Kathleen Clark, "Paying the Price for Heightened Ethics Scrutiny: Legal Defense Funds and Other Ways That Government Officials Pay Their Lawyers," 50 Stan. L. Rev. 65, 1997 (emphasis added), [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=110533](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=110533).

expended and rates charged are not only commensurate with the complexity and difficulty of the investigation, but also with the sensitivity and political nature of the Special Counsel investigation, the number of moving parts, and the need to protect the integrity not only of Mr. Dagon, but of the research and Georgia Tech from allegations, among others, that data was altered, manipulated or falsified and that it was unlawful for this research to be presented to the U.S. Government – allegations which were wholly fictitious.

Indeed, with respect to the indictment resulting from the Special Counsel investigation (*United States v. Sussmann*, Dkt. No. 1:12-CR-00582-CRC, D. D.C.), the prosecutor advised the court on December 7, 2021, that “the Government has produced to date more than 91,000 pages in unclassified discovery and more than 5,000 pages in classified discovery.” The Special Counsel has told Mr. Dagon that he expects to call him to testify at this trial. Suffice it to say, this investigation is no “run of the mill” case.

This is not a “favor” that Mr. Dagon asks of his employer. It is clearly in the interest of the State of Georgia for persons interviewed in the Special Counsel investigation concerning information acquired in the course of performing their State duties to have their attorney’s fees reimbursed.

As I believe all agree, GCL is well-qualified to represent Mr. Dagon’s interests, a point that I do not believe any on this letter have disputed. Further, I do not believe the Georgia Attorney General has proffered an individual that it believes could handle this representation as efficiently and effectively. And there are issues of, *inter alia*, privilege and waiver that would likely prevent the Georgia Attorney General from representing Mr. Dagon.

I am also troubled by the precedent that Georgia’s reticence to stand behind its personnel will set if this matter becomes public. The payment of Mr. Dagon’s past and future fees would be consistent with how other states have treated similar cases. The University of Indiana retained outside counsel to quash a similar civil subpoena on behalf of Professor L. Jean Camp. That representation was successful. *See Alfa-Bank v. Doe*, 171 N.E.3d 1018 (2021). The University of Indiana similarly retained separate outside counsel to represent Prof. Camp in connection with the Special Counsel investigation and both teams are still engaged and being paid by the University of Indiana.

I struggle to distinguish the almost factually-identical situation involving Ms. Camp with the State’s treatment of Mr. Dagon. I do not believe it would behoove anyone for this situation to be made public, but I also do not believe that the State’s unequal treatment of its professors compared to other states would be a good look for this State. At the very least, I worry about this having a chilling effect on recruitment and retention across all public institutions of higher learning in this state. At a minimum, it is inconsistent with principles of academic freedom and would likely result in less rigorous cybersecurity research out of fear that more aggressive research may lead to personal liability or financial ruin. Indeed, we are aware of some cybersecurity students at Georgia Tech who have wondered whether they should “pull back” on their searches of data for fear it might be deemed political or controversial. In the current threat

environment, where the U.S. Government, every state government, and American industry is under attack from nation states or state-sponsored actors, discouraging students from learning about these events will likely cause them to turn to other academic institutions.

### **Conclusion**

Our Clients have provided timely request for payment and have been diligent in those requests. GCL has provided a Third Party Payor Agreement to Mr. Webb. My understanding is that Mr. Webb proposed some limited changes, which were incorporated into the most recent version of this Agreement. *See Exhibit 5.* Our Clients have submitted reasonable hours and fees for both the civil and criminal matters, for which they should be paid, with agreement to similarly cover ongoing fees in both matters.

I trust that we can discuss any additional questions so that we can reach an amicable solution that works for all parties involved and serves to protect the interests of your organizations, Mr. Dagon, GCL, and the State of Georgia as a whole. Please reach out directly with any questions or concerns.

Sincerely,



Sam Olens

SSO/mas

# **EXHIBIT “1”**

# **EXHIBIT “2”**

# **EXHIBIT “3”**

# **EXHIBIT “4”**



# **EXHIBIT “5”**

---

**From:** Olens, Samuel S. <samuel.olens@dentons.com>  
**Sent:** Thursday, December 23, 2021 12:19 PM  
**To:** bwebb@law.ga.gov  
**Subject:** Global Cyber and Professor Dagon  
**Attachments:** Dagon Letter with all Exhibits.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon Bryan.

Any idea when I might hear back from you?

Have a great Christmas holiday.

Thank you.

Sam

 Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108  
samuel.olens@dentons.com  
Bio | Website

Dentons US LLP

Fernanda Lopes & Asociados > Guevara & Gutierrez > Paz Horowitz Abogados > Sirote > Adepetun Caxton-Martins Agbor & Segun > Davis Brown > East African Law Chambers > Eric Silwamba, Jalasi and Linyama > Durham Jones & Pinegar > LEAD Advogados > Rattagan Macchiavello Arocena > Jiménez de Aréchaga, Viana & Brause > Lee International > Kensington Swan > Bingham Greenebaum > Cohen & Grigsby > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://www.dentons.com) for Legal Notices.

---

**From:** Olens, Samuel S. <samuel.olens@dentons.com>  
**Sent:** Friday, February 25, 2022 2:19 PM  
**To:** bwebb@law.ga.gov  
**Subject:** Thoughts post-letter  
**Attachments:** DAGON - Letter to GaTech Re Legal Fees 10-11-21.pdf; DAGON - TIME LOG Start - 10-21 v1.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon Bryan.

I presume you have seen the above 2 documents several times. It simply blows away Tech's argument. In further response to your recent letter, no counter was made as Tech's offer was another insult that demonstrated Tech's total lack of knowledge in high level prosecutions.

I am putting the Professor and counsel in touch with a great Firm in Atlanta that is fully able to bring the necessary action. Unfortunately, the way the Professor's counsel have been treated sends a terrible message to their outstanding faculty.

And to be clear, none of these criticisms relate to you or the AG's office.

Thank you.

Sam

 Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108  
samuel.olens@dentons.com  
Bio | Website

Dentons US LLP

Fernanda Lopes & Asociados > Guevara & Gutierrez > Paz Horowitz Abogados > Sirote > Adepetun Caxton-Martins Agbor & Segun > Davis Brown > East African Law Chambers > Eric Silwamba, Jalasi and Linyama > Durham Jones & Pinegar > LEAD Advogados > Rattagan Macchiavello Arocena > Jiménez de Aréchaga, Viana & Brause > Lee International > Kensington Swan > Bingham Greenebaum > Cohen & Grigsby > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure,

copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system.  
Please see [dentons.com](http://dentons.com) for Legal Notices.

**Jody R. Westby, Esq.**

---

Phone: 202.255.2700

Fax: 202.337.0063

October 11, 2021

Christian Fuller, Esq.  
Senior Counsel, Employment & Litigation  
Georgia Institute of Technology  
760 Spring Street NW, Suite 324  
Atlanta, Georgia 30332-0495

Dear Christian:

We were retained by Mr. Dagon on August 5, 2020, after he had received a subpoena for documents from the Grand Jury involved in the Durham investigation. My colleague, Mark Rasch, and I reached out to Ms. Wasch on August 11, 2020, and were finally able to have a call with her on August 17, 2020; she asked that we keep her informed. On a September 16 call, we also discussed Georgia Tech paying Mr. Dagon's legal fees, and we agreed to send Ms. Wasch an "undertaking agreement," which is another name for the Third Party Payor Agreement.

In an email from me to Ms. Wasch on September 22, 2020, regarding a draft letter from Global Cyber Legal to the prosecutor, I mentioned that I would be sending her the undertaking agreement later that day. In an email from Ms. Wasch to my colleague Mark Rasch and me on September 23, 2020 – the very next day – Ms. Wasch stated conclusively, "It is not clear to me that the work David did was undertaken in his role as a GT employee. He may have used data to which he had access by virtue of his employment at GT, but the work was not part of his GT duties. Therefore, we cannot agree to contribute to or pay his attorneys' fees."

We followed up with our letter of September 28, 2020, explaining why his work was, indeed, within the scope of employment and explained the legal jeopardy facing Georgia Tech. Ms. Wasch replied on September 30, stating, "I apologize; this is not how we understood the situation. We have talked with some others internally, and would like to discuss this further." She asked to have a call with us, which we did on October 1, 2020.

On October 7, 2020, we sent the Third Party Payor Agreement to Ms. Wasch and advised her of the amount of our fees at that time (\$60k), explained what they were for, and said our hourly rate was discounted to \$350/hour. On October 13, Ms. Wasch wrote to me and said, "It would be helpful if you can provide documentation that the work in question was requested by DARPA or was otherwise performed in the course of Mr. Dagon's employment with Georgia Tech."

In a note on October 21, 2020, I stated, "We have been working hard today on a document that will hopefully provide useful information to help support a change of position within the Attorney General's office." We sent this detailed letter on October 22, 2020, which included the chronology of events. The letter also detailed an email from Manos Antonakakis to Mr. Dagon

on June 16, 2020, regarding their work at issue, stating that “the Dean and the consensus at GT is that...they consider it a work-related issue.”

In an email to Ling-Ling on October 30, 2020, I asked whether “you or the Attorney General had made a determination whether Mr. Dagon’s security research relevant to the grand jury investigation was within the scope of his employment and whether there is an agreement to reimburse Mr. Dagon’s reasonable attorney fees and costs upon the successful completion of the matter.” In this same note, I advised her that if Georgia Tech would not agree to reimbursement of his legal fees that we would seek funding from third parties in the academic freedom and civil liberties communities. On November 4, 2020, she replied to me stating:

After further review, we more clearly understand now the work performed by David Dagon that is at issue here and your position that it was performed within the scope of his employment. Given that this would impact other considerations going forward, particularly attorney representation for David, I am copying Bryan Webb, Deputy Attorney General, on this e-mail so that you can connect with him for further discussion on that point.

We connected with DAG Bryan Webb that day, and on December 23, I wrote to Ling-Ling and noted that it was our understanding that the Attorney General’s Office had authorized Georgia Tech to pay legal fees for Mr. Dagon, and I offered to provide any further documentation needed. On January, 7, 2021, Ms. Wasch advised us, “We are still working through some issues with DOAS, but hope to have a final decision [re the legal fees] next week.” Since the beneficiary of any insurance agreement with DOAS is Mr. Dagon, and not Georgia Tech, we frankly are confused about what issues Georgia Tech might have had to work through with DOAS. Until Mr. Dagon actually files a claim with DOAS, we do not believe DOAS has any role in the process.

We learned that after Mr. Webb had authorized Georgia Tech to pay our fees (he did not authorize any particular amount, nor did he state that the Institute was required to pay our fees), Ms. Wasch raised another issue in the Attorney General’s office, questioning whether a payment of Mr. Dagon’s legal fees by Georgia Tech would violate the gratuities clause in the Georgia state Constitution. It is our understanding that DAG Webb advised your office that such a payment would not be a violation of the gratuities clause. On February 26, 2021, Ms. Wasch wrote me to offer a payment on his legal fees of \$46,462.50, which she calculated to be 50% of the fees incurred (although she had never asked for a current accounting) at a rate of \$150/hour. We rejected that offer.

The Durham investigation involves one of the nation’s highest profile criminal matters, and the other parties involved have engaged some of the top civil and criminal attorneys in the country. This includes high-level former Department of Justice prosecutors, experienced civil and criminal litigators, and senior partners at some of the most prestigious law firms in the country. We understand that the hourly rate for several of the top lawyers involved in this matter runs between \$2000 - \$1100 per hour, and other defense attorneys’ rates are in the \$500 - \$700 per hour range. Mr. Rasch and I generally charge \$595 per hour for this work. When we accepted the engagement, we offered Mr. Dagon a discounted rate of \$350 per hour for each of us.

In other attorney fee award cases (in civil cases where the law permits the payment of attorney's fees), federal and Georgia courts have adopted the so-called "lodestar" test for determining whether fees are "reasonable." This test takes into account, not only the customary fee for similar work, but the sophisticated nature of the case, whether the case is one of "first impression" or is a routine matter, the level of skill and sophistication of counsel (on both sides), the difficulty of the case, and the level of knowledge necessary for a successful outcome.

This matter is one of the most complex investigations in history, pulling from investigations conducted by the FBI, Robert Mueller (the "Mueller investigation") and the House and Senate intelligence committees. It most certainly is not a routine matter and has drawn on our combined expertise regarding (a) the domain name system and legal issues regarding the use of that data, and (b) criminal prosecution and defense cases. This combination of experience is rare, and it is has been invaluable in Mr. Dagon's defense.

Under Georgia's lodestar test, we believe our fees are entirely reasonable in light of the sensitive and sophisticated nature of this investigation, as well as the potential harm, not only to Mr. Dagon, but also to Georgia Tech, DARPA, the millions of dollars in government contracts Georgia Tech may receive for this and similar research, and, finally, to the information security community at large. Our fees are substantially lower than rates charged by other counsel involved in this investigation and, indeed, those typically charged for complex white-collar cases like this, irrespective of jurisdiction.

In her May 10 letter, Ms. Wasch scolded me for providing "zealous representation without first consulting with OCG [sic]." The ethics rules not only require counsel to "act with commitment and dedication to the interests of the client and with zeal in advocacy upon the client's behalf" (see, e.g., Georgia Bar Rule 1.3), but they also preclude communications which would constitute a waiver of applicable privileges (e.g., Georgia Bar Rule 1.6). She then goes on to lecture me about DOAS and the successful defense requirement, nothing that "Otherwise, gratuitously reimbursing expenses for undefined justifications is an inappropriate use of public dollars." (There is her gratuities argument again, even though it has been rejected by the AG's Office.)

Ms. Wasch goes on to some extent in her May 10 letter regarding DOAS and her understanding of their requirements, even stating, "neither the Institute, the AG's Office, nor DOAS has received any evidence that Mr. Dagon was charged or indicted with any criminal offense." How does she know what DOAS has received? Again, no claim has been filed with DOAS, and the Institute is not a beneficiary of the DOAS policy. Moreover, being charged or indicted is not a requirement for DOAS reimbursement.

Ms. Wasch also incorrectly states, "To be eligible for DOAS reimbursement, the state employee's criminal matter must have been successfully defended; meaning the employee was acquitted or the matter dismissed *and* the action has been concluded." This is incorrect. The formation of a Grand Jury is not formally announced and neither is its dissolution. Neither the public nor counsel are informed of when a grand jury has concluded its work. Moreover, Mr. Dagon is entitled to legal representation before a grand jury even if he is not the target of a grand jury and is never indicted. Put simply, a federal grand jury investigation is a "criminal

proceeding” whether any charges are ever levied against anyone. *United States v. Awadallah*, 349 F.3d 42, 52 (2d Cir. 2003).

We have spoken to DOAS and are fully aware of their requirements. Indictment or the bringing of charges (and ultimate dismissal or acquittal on those charges) is not a prerequisite for DOAS reimbursement. Indeed, a “successful defense” in a criminal matter includes convincing the prosecutor and the grand jury that the person and the institution they represent have done nothing unlawful, and therefore no charges are ultimately brought against either party. As you know, we were able to obtain full statutory immunity for Mr. Dagon with respect to the Grand Jury proceedings. This also is a “successful defense.”

Because of her repeated interactions with DOAS and her emphatic statements stressing their policy, we hope that Ms. Wasch has not done anything to prejudice DAOS against a potential claim Mr. Dagon may file with DOAS.

Ms. Wasch further accused Mr. Dagon of not following “our internal processes for requesting representation” and said “he did not engage with our legal team or ask for Georgia Tech’s consent when engaging your firm.” We have asked her for a copy of whatever policy or processes he should have followed, but she has not provided this information. Then, she states in her May 10, 2021 letter that his “failure to provide complete information...hampered OCG’s [sic] ability to determine whether...Mr. Dagon...was eligible for representation by the Georgia Attorney General’s office.” This is false. The Attorney General’s office already advised us that they could not represent Mr. Dagon; they do not represent individuals. Moreover, a State law enforcement agency could not ethically represent an individual in a federal criminal investigation.

### **Lack of Professional Respect**

Third, Ms. Wasch’s remarks in her May 10 letter shows a lack of respect for my firm’s legal capabilities, especially those of Mark Rasch, who spent ten years prosecuting criminal cases at the Department of Justice. Mr. Rasch initiated the Department of Justice’s computer crime unit, investigated and prosecuted electronic espionage cases during the height of the cold war, prosecuted a U.S. Presidential candidate, prosecuted *la cosa nostra* in New York, drafted the federal computer crime statute, prosecuted the first case under that statute, worked intimately with (then) Senator Sam Nunn on establishing a federal/private information sharing center to protect the financial industry against cyber-crimes (the FS/ISAC), has tried more than 40 criminal cases, handled dozens of federal appeals, filed amicus briefs before the United States Supreme Court, and has taught evidence law, computer law, white collar criminal law (and grand jury practice) at a dozen academic institutions, as well as the Federal Law Enforcement Training Center, the FBI National Academy, the Attorney General’s Advocacy Institute at the Department of Justice, and the U.S. Army War College.

In attacking my credentials, Ms. Wasch also states that “you only point to articles you published in an ABA cybersecurity publication.” Wrong. My experience includes practicing law in two top tier New York law firms, and providing legal advice to the U.S. Department of Homeland Security for eight years on the types of communications traffic data – including DNS data – that are legal for use by cybersecurity researchers. In addition to my advice, this work also resulted



in two books authored by me and published by the American Bar Association: the *Legal Guide to Cybersecurity Research* and the *Legal Guide to Botnet Research*. These books are intended to be used by Institutional Review Boards, attorneys, cybersecurity researchers, and personnel responsible for overseeing cybersecurity research. This latter publication includes the following acknowledgement:

This publication was developed as a component of a technical research project led by Georgia Institute of Technology on “Countering Botnets: Anomaly-Based Detection, Comprehensive Analysis, and Efficient Mitigation.” Wenke Lee served as Principal Investigator (PI), with Nick Feamster and Jon Giffin serving as co-PIs....The author gratefully acknowledges the assistance and the technical expertise provided by Wenke Lee and David Dagon during the development of this publication.

Ms. Wasch insinuates that this “experience” is insufficient to justify our representation of Mr. Dagon. Indeed, it is this exact experience that has proven invaluable in defending Mr. Dagon and getting the Special Counsel to back off allegations that Georgia Tech’s use of the data was improper or illegal. Ms. Wasch also mistakenly concludes that we imply the Georgia Attorney General’s Office would be “inferior counsel.” No, we do not. We are implying that any private sector criminal counsel that you might retain to represent Mr. Dagon in this matter at the rate of \$150/hour would likely have experience inferior to ours.

I hope this background is helpful to you. I have attached a complete time log for our work on behalf of Mr. Dagon. We are willing to have a call to discuss any questions or concerns you may have. Thank you for your consideration. I look forward to your response and hope we can work together to quickly resolve this matter.

Yours truly,

A handwritten signature in cursive script, appearing to read "Jody R. Westby".

Jody R. Westby, Esq.  
Admitted in DC, PA, CO

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
8/5/2020	Westby	T/c w/ D. Dagon re GJ subpoena & representation; t/c w/ M. Rasch re same.	1.7
8/6/2020	Westby	Review email from D. Dagon & docs; reply	1.5
8/7/2020	Westby	Email to D. Dagon re info needed; t/c w/ D. Dagon; t/c w/ M. Rasch; review doc from D. Dagon	2.5
8/9/2020	Rasch	T/c w/ Common Counsel review white papers; Review Just Security article; revise letter to AUSA; identify expert witnesses;	3.3
8/10/2020	Westby	Review email from M. Rasch & draft response to subpoena; t/c w/ D. Dagon & M. Rasch	2.0
8/11/2020	Westby	Review notes from D. Dagon & docs	2.0
8/12/2020	Westby	T/c w/ D. Dagon; review docs from D. Dagon; review email from M. Rasch to K. Wasch	2.5
8/13/2020	Rasch	Revise letter to AUSA; call to T. Fuhrman	3.5
8/16/2020	Westby	T/c w/ D. Dagon	1.0
8/17/2020	Rasch	Response to K. Wasch; t/c w/ J. Westby	2.8
8/17/2020	Westby	T/c w/ D. Dagon; t/c w/ K. Wasch	2.0
8/18/2020	Rasch	Draft subpoena; review docs/articles	1.7
8/19/2020	Rasch	Eft subpoena response; review documents, legal research re joint defense	4.4
8/19/2020	Westby	T/c w/ D. Dagon; review doc from D. Dagon; edit response to subpoena	2.5
8/23/2020	Rasch	Refine letter; review Senate Intel rpt; review Ankura and Mandiant rpts;	3.6
8/24/2020	Rasch	T/c w/ AUSA; review docs; research	1.8
8/24/2020	Westby	Review note from D. Dagon & doc; t/c w/ AUSA	2.0
8/25/2020	Rasch	Call w/ Common counsel t/c w/ D. Dagon; review documents & online research	3.3
8/25/2020	Westby	Review note from D. Dagon & article at link; email joint defense counsel & respond to reply; email K. Wasch	1.0
8/26/2020	Rasch	T/c w/ Common counsel; review GT policies; draft response re scope of investigation; prepare response to AUSA	4.7
8/26/2020	Westby	Review note from D. Dagon & reply; t/c w/ joint defense counsel (2); email joint defense counsel	3.5
8/27/2020	Rasch	F/up w/ Common counsel (2); review Alfa Bank docs; review Senate Intel rpt; review Dagon info; t/c w/ K. Wasch	4.1

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
8/27/2020	Westby	T/c w/ D. Dagon; review articles from links from D. Dagon; review email from K. Wasch; t/c w/ K. Wasch & M. Rasch; review reply from joint defense counsel; emails w/ joint defense counsel	3.5
8/28/2020	Rasch	T/c w/ joint defense; review civil subpoena demands; review strategy; revise response; t/c w/ D. Dagon	6.8
8/28/2020	Westby	Review notes and doc from D. Dagon; t/c w/ joint defense attys; t/c w/ D. Dagon	3.0
8/29/2020	Rasch	Review articles; review draft white paper; t/c w/ D. Dagon; develop strategy re DNS records	4.9
8/31/2020	Westby	Review docs from D. Dagon; t/c w/ D. Dagon	2.5
9/1/2020	Westby	Call Common Counsel; review email from joint defense counsel & reply	0.5
9/2/2020	Westby	Review note from D. Dagon; review articles; email joint defense counsel re sharing response to AUSA; email joint counsel re draft letter; emails w/ joint defense counsel; t/c w/ joint defense counsel	2.5
9/3/2020	Westby	Review email from joint defense counsel; review PA & FL civil cases; email D. Dagon & joint defense counsel re same	1.5
9/4/2020	Westby	Review note from D. Dagon; t/c w/ D. Dagon; edit response to letter to AUSA; send letter to K. Wasch for GT review; reply note to D. Dagon; t/c w/ joint defense counsel	3.5
9/5/2020	Westby	Send note to D. Dagon; review email from joint defense counsel & white papers; review white papers; share draft letter to AUSA w/ joint defense counsel	1.5
9/7/2020	Westby	Review note from D. Dagon; reply; review email from joint defense counsel & reply	0.6
9/8/2020	Westby	Review third white paper from joint defense counsel; send note to D. Dagon; t/c w/ D. Dagon; t/c w/ joint defense counsel	2.5
9/10/2020	Westby	Review email from joint defense counsel and anonymous email; t/c w/ joint defense counsel; t/c w/ M. Rasch; email K. Wasch	2.0
9/11/2020	Westby	T/c w/ D. Dagon; t/c w/ joint defense counsel	2.0
9/12/2020	Westby	T/c w/ M. Rasch; t/c to Common Counsel; email joint defense counsel & respond to reply	0.8
9/14/2020	Rasch	Review letter from joint counsel; t/c w/ D. Dagon	1.0
9/14/2020	Westby	T/c w/ D. Dagon; review email from joint defense counsel & reply; t/c w/ joint defense counsel (2); review anonymous vmail;	3.5

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
9/15/2020	Rasch	T/c w/ D. Dagon	0.8
9/15/2020	Westby	T/c w/ D. Dagon; research articles; email D. Dagon re anonymous vmail; review email from joint defense counsel & civil subpoenas; t/c w/ joint defense counsel	4.0
9/16/2020	Rasch	T/c w/ joint counsel; review subpoena compliance; t/c w/ J. Westby re K. Wasch reply	2.7
9/16/2020	Westby	T/c w/ D. Dagon; t/c w/ joint defense counsel; review email from K. Wasch & reply	1.5
9/22/2020	Rasch	Research scope of employment, sovereign immunity duty to reimburse; draft letter to GT;	4.7
9/22/2020	Westby	T/c w/ D. Dagon; review email from M. Rasch; email joint defense counsel	2.3
9/23/2020	Rasch	T/c w/ joint counsel; research third party payment; draft letter to GT	1.0
9/23/2020	Westby	T/c w/ D. Dagon; review email from K. Wasch; draft letter to K. Wasch re Dagon employment & legal fees; review docs from D. Dagon; email joint defense counsel	3.5
9/24/2020	Rasch	Draft letter to GT re scope of employment; t/c w/ D.Dagon; t/c w/ joint counsel; review LW letter to AUSA; research DOJ policies & practices;	6.3
9/24/2020	Westby	T/c w/ D. Dagon; review notes from D. Dagon; emails w/ joint defense counsel	3.0
9/25/2020	Rasch	T/c w/ N. McQuaid	0.7
9/25/2020	Westby	Notes to/from D. Dagon; t/c w/ D. Dagon; t/c w/ joint defense counsel (2)	3.5
9/27/2020	Westby	Review notes from D. Dagon; review note from joint defense counsel & review draft letter; reply to joint defense counsel	0.8
9/28/2020	Rasch	Draft memo to GT on scope of employment; research DOJ policies/ t/c w/ D. Dagon	2.8
9/28/2020	Westby	T/c w/ D. Dagon; send draft letter to K. Wasch to D. Dagon for review; t/c w/ joint defense counsel re draft letter	2.5
9/29/2020	Westby	Review notes from D. Dagon; t/c w/ D. Dagon; review civil subpoenas; email joint defense counsel; email joint defense counsel; t/c w/ joint defense counsel; review email from joint defense counsel & reply	4.0
9/30/2020	Rasch	T/c w/ D. Dagon re Ankura rpt; review civil allegations, Senate Intel rpt, Mandiant rpt;	2.9
9/30/2020	Westby	T/c w/ D. Dagon & M. Rasch; review email from K. Wasch & reply	2.5

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
10/1/2020	Rasch	Tel call D. Dagon/J Westby Re expert witness and scope of employment; call w P Vixie Re: Data Availability and analysis	2.7
10/1/2020	Westby	T/c/ w/ D. Dagon; review notes and doc from D. Dagon; t/c w/ K. Wasch & L. Nie; email joint defense counsel re expert witnesses	5.0
10/2/2020	Rasch	Review Pastebin postings, public posting, articles; draft third party payor agreement	1.8
10/2/2020	Westby	T/c w/ D. Dagon; review notes & doc from D. Dagon; t/c w/ researcher; email joint defense counsel	6.0
10/4/2020	Westby	Review notes from D. Dagon	0.5
10/6/2020	Rasch	Zoom Meeting w J Westby Re Third Party Payor/Indemnification Agreement, scope of employment; tel cal w/ joint defense	6.8
10/6/2020	Westby	Review notes from D. Dagon; mtg w/ M. Rasch; draft Third Party Payor agreement; t/c w/ D. Dagon; review email from joint defense counsel & reply; email joint defense counsel	3.5
10/7/2020	Rasch	Draft Letter to Ling Ling/GT & K Walsh Re Joint Defense and Scope of Employment; review Filkins article; tel calls w/ joint counsel; tel cal w J. Westby	10.3
10/7/2020	Westby	T/c w/ D. Dagon re status; review new Filkins article; article on DOJ changing policy on election interference; emails to joint defense counsel; email L. Nie & K. Wasch;	3.5
10/8/2020	Rasch	Tel Call D Dagon, Review Alfa Bank documents, Review D Dagon Analysis, Draft response to Alfa Bank theories, Cendyne Claims, map claims to DNS records and D Dagon presentation; edit response to subpoena; tel cal w J. Westby	7.2
10/8/2020	Westby	T/c w/ joint defense counsel; t/c w/ D. Dagon re status; prepare summary doc of claims/issues, utility of report; t/c w/ D. Dagon re same; email joint defense counsel re summary doc;	5.0
10/9/2020	Rasch	Tel Cal Common Counsel, J Westby -	1.6
10/9/2020	Westby	Arrange call w/ joint defense to discuss summary paper & strategy	0.5
10/10/2020	Rasch	Tel Cal Common counsel, J Westby	1.9
10/11/2020	Rasch	Review Mark Bradmy article, tel call w J Westby, Review online postings re Alfa Bank litigation	3.9
10/12/2020	Westby	T/c w/ joint defense counsel (2); t/c w/ D. Dagon; review online postings	2.5

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
10/13/2020	Rasch	Tel Call J Westby, call we Common counsel; tel cal w D. Dagon	4.0
10/13/2020	Westby	T/c w/ joint defense counsel; T/c w/ D. Dagon; review email from K. Wasch; t/c w/ D. Dagon & M. Rasch re same; T/c w/ joint defense counsel; t/c w/ D. Dagon re anonymous writer;	4.0
10/14/2020	Rasch	Review Epoch Times posting, expert witness reports, Alfa Bank defenses; tel cal D. Dagon J. Westby	3.2
10/14/2020	Westby	T/c w/ D. Dagon re anonymous docs; draft response to K. Wasch; email D. Dagon & M. Rasch re same	4.5
10/15/2020	Rasch	Research - scope of employment, GA state regulations, reimbursement policies, AG policies	3.8
10/15/2020	Rasch	Draft talking points memo - Tel Call J Westby	2.7
10/15/2020	Westby	T/c w/ joint defense counsel; t/c w/ D. Dagon & M. Rasch re response to GT; review memo from D. Dagon; email K. Wasch requesting t/c; research faculty handbook and GT research policies; develop talking points for call w/ GT; email to D. Dagon & M. Rasch for review;	6.5
10/15/2020	Rasch	Review GT Faculty Manual, GT Lawsuits and settlements, AG litigation, Restatement Agency, LOAS policies	2.9
10/16/2020	Rasch	Tel Call A. McReedy re IU reimbursement policy; Tel Call Re Alfa Bank Lawsuit J Westby- Review Alfa Complaint, Amicus briefs; tel cal w common counsel; legal research – privilege issues, foreign prosecution	6.8
10/16/2020	Westby	Review email from AUSA & subpoena; forward to D. Dagon; t/cs w/ joint defense counsel; review reply from K. Wasch & reply; t/c w/ D. Dagon; review amicus filing by EFF	4.5
10/17/2020	Westby	Review email from joint defense counsel & reply; email joint defense counsel	0.2
10/18/2020	Westby	Review report from joint defense counsel; t/c w/ D. Dagon; t/c w/ J. Levine; prepare Kovel agreement & email to J. Levine; review news articles & email to D. Dagon & M. Rasch	6.0
10/19/2020	Westby	T/c w/ K. Wasch & LL Nie; t/c w/ D. Dagon; t/c w/ M. Rasch;	2.5
10/20/2020	Westby	Draft letter to LL Nie; revise notes from M. Rasch	3.0
10/21/2020	Westby	Revise letter to LL Nie; t/c w/ M. Rasch re edits to draft; t/c w/ D. Dagon; email LL Nie;	6.0

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
10/22/2020	Westby	Review edits from D. Dagon; edit letter to LL Nie; review edits from M. Rasch; review legal research; finalize letter to LL Nie; email letter to LL Nie	5.5
10/23/2020	Westby	T/c w/ M. Rasch to prepare for call w/ AUSA; t/c w/ A. DeFilippis; t/c w/ M. Rasch & D. Dagon; t/c w/ joint defense counsel; review email re deadline for civil case ID of Jane/John Does	4.5
10/24/2020	Westby	Review email from A. DeFilippis & reply; t/c w/ M. Rasch; t/c w/ D. Dagon	2.0
10/27/2020	Westby	Email joint defense counsel re call; review docs in file	1.0
10/28/2020	Westby	T/c w/ joint defense counsel; review Alfa civil suits (Bean & Fridman); t/c w/ M. Rasch	2.7
10/30/2020	Westby	Email LL Nie re response to letter	0.3
11/4/2020	Rasch	Tel Call Common counsel J Westby	0.2
11/4/2020	Westby	Review email from LL Nie; Email B. Webb; review reply from B. Webb to schedule call; t/c w/ D. Dagon; review email from joint defense counsel & reply	2.8
11/5/2020	Rasch	Review expert witness documents. Jones Report, tel cal D Dagon, J Westby, tel cal common counsel, tel cal B Webb, tel cal former GA State AG, revise scope of employment memo	10.8
11/5/2020	Westby	T/c w/ M. Rasch; t/c w/ B. Webb; t/c w/ D. Dagon; email B. Webb w/ 1st ltr and 3rd party payor agreement	2.3
11/9/2020	Rasch	T/c w/Common Counsel review media reports; review draft letter from Common Counsel; tel cal former GA AG, draft letter to DeFilippis, tel cal w J. Westby	8.4
11/9/2020	Westby	Joint defense counsel call; review draft letter to AUSA; edit letter; email letter to AUSA; review response & discuss w/ M. Rasch; emails to joint defense counsel	2.5
11/10/2020	Rasch	Tel Call Common Counsel J Westby, tel cal D. Dagon	2.4
11/10/2020	Westby	Review emails from AUSA re letter; emails to joint defense counsel; t/cs w/ joint defense counsel; email D. Dagon re same; draft reply letter to AUSA; t/c w/ M. Rasch re same; email AUSA w/ response	5.5
11/11/2020	Rasch	Tel Call A Fillipis, J Westby.Fuhrman, et al - re privilege and grand jury, draft letter to DeFilippis re privilege, tel calls common counsel J Westby	5.5
11/11/2020	Westby	T/c w/ AUSA; emails w/ joint defense counsel; t/cs w/ joint defense counsel; email to D. Dagon re signing document for AUSA;	4.0
11/12/2020	Rasch	Review DeFilippis letters to counsel; tel cal J Westby	2.2

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
11/12/2020	Westby	Email executed docs to AUSA; review email from AUSA re response to letter & FBI interviews; t/c w/ M. Rasch	2.0
11/15/2020	Westby	Email response to AUSA re FBI interviews	0.2
11/18/2020	Rasch	Tel Call common counsel Westby	1.0
11/18/2020	Westby	Email B. Webb re fee issue; t/c w/ joint defense counsel;	1.2
11/20/2020	Rasch	Tel Call common counsel Westby	0.9
11/24/2020	Westby	Email B. Webb re fee issue; arrange for t/c;	0.2
11/25/2020	Rasch	Redraft Third Party Payor Agreement/Tel Call B Webb J Westby	3.2
11/25/2020	Westby	T/c w/ B. Webb; revise third party payor agreement per t/c w/ B. Webb; email to B. Webb	1.0
11/26/2020	Rasch	Meeting with J Westby	0.5
12/7/2020	Rasch	Meeting w J Westby RE Status, call w B. Webb, Draft letter to B. Webb	2.0
12/7/2020	Westby	T/c w/ D. Dagon; email B. Webb re status;	0.6
12/8/2020	Rasch	Call to K. Wasch; draft response to AUSA; call to J. Westby, redraft letter to B. Webb, mtg w J Westby	5.9
12/8/2020	Westby	T/c w/ joint defense counsel; review email from B. Webb & reply	0.7
12/20/2020	Rasch	Review Forbes Article Re Investigation, research Georgia constitution, gratuities clause	1.8
12/29/2020	Rasch	Tel Call w Common Counsel Re Investigation	1.0
12/29/2020	Westby	T/c w/ joint defense counsel re subpoenas to GJ	1.0
1/25/2021	Rasch	Tel cal w Common Defense, research BAA and joint defense issues,	1.0
1/25/2021	Westby	Email to B. Webb re legal fees; review BAA; forward to joint defense counsel; draft letter to B. Webb	2.7
1/26/2021	Westby	T/c w/ joint defense counsel re subpoena to GJ & documents produced; research reimbursement of legal fees by DOAS; draft letter to B. Webb	3.5
1/27/2021	Rasch	Draft Letter to Ling Ling Re: Scope of Independent Counsel Investigation, letter to B. Webb, DOAS policy and DARPA, Tel Call former GA AG Re: Indemnification	4.2
1/28/2021	Rasch	Research - scope of immunity, 18 USC 6001, act of production, agency	3.0
1/28/2021	Westby	Email joint defense counsel re 5th A & review replies; draft letter to B. Webb	4.5
1/29/2021	Rasch	Draft Letter to AG Webb RE Scope of Employment,	4.2



**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
1/29/2021	Westby	Research gratuities clause; finalize letter to B. Webb; email B. Webb w/ letter	3.5
1/30/2021	Rasch	Research - Trump Russia Cyberattack reports, news articles	3.3
2/3/2021	Westby	T/c w/ joint defense counsel	0.5
2/22/2021	Westby	Review emails from joint defense counsel re Alfa; request for joint defense call	0.5
2/23/2021	Westby	Email Ling-Ling re legal fees	0.2
2/26/2021	Rasch	Tel Call S. Common Defense Counsel, Email re legal fees, Joint defense call w J. Westby	1.2
2/26/2021	Westby	Review email from K. Wasch re legal fee payment; discuss w/ M. Rasch; joint defense call; t/c w/ D. Dagon	3.3
2/28/2021	Westby	Review email from joint defense counsel; reply	0.2
3/1/2021	Rasch	Revise Letter to G Tech re legal fees, tel cal w J. Westby and common counsel	1.8
3/1/2021	Westby	T/c w/ joint defense counsel; send docs to joint defense	0.8
3/2/2021	Westby	T/c w/ joint defense counsel; review file; send docs; draft letter to GT re legal fees	1.6
3/3/2021	Westby	Conduct research re applicability of DNS data to wiretap, PR/TT, Stored Comm Act; draft note re findings; email M. Rasch re prep for call w/ B. Webb; Review email from B. Webb re legal fees	2.5
3/4/2021	Rasch	Research DOAS policies/ Reimbursement, research SCA, trap and trace, tel cal w J. Westby; draft letter to AG re reimbursement, draft letter to LL, tel cal D Dagon	6.5
3/4/2021	Westby	T/c w/ D. Dagon; t/c w/ joint defense counsel; review letter to GT re legal fees; email D. Dagon re letter to GT re legal fees	3.0
3/5/2021	Westby	T/c w/ joint defense counsel (2); revise letter to GT to include DOAS reimbursement	2.5
3/6/2021	Westby	Research applicability of DNS data to pen register/trap trace & stored comm act; email joint defense counsel re same	1.3
3/7/2021	Westby	Email joint defense counsel re Alfa litigation	0.3
3/8/2021	Westby	Email to DOAS re reimbursement; view reply; schedule call; review email from joint defense re Alfa litigation	0.6
3/9/2021	Rasch	T/c w/ joint defense counsel; t/c w/ DOAS, review Alfa Bank subpoena; research DNS record availability;	3.9
3/9/2021	Westby	T/c w/ DOAS re legal fee reimbursement	0.5
3/10/2021	Westby	Review email from joint defense re docs from Alice; email K. Wasch & Ling-Ling re letter re legal fee offer	1.5
3/11/2021	Rasch	Tel call to D Dagon,	2.2

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
3/14/2021	Westby	Review emails from joint defense re 5th A & reply	0.6
3/17/2021	Rasch	Research GT Policies, review docs from K Wasch and Ling Ling, fee research	1.9
3/19/2021	Rasch	Review DARPA contract and policies, tel cal w consulting counsel re DARPA reimbursement policies, duty to defend contract	4.2
3/19/2021	Westby	Review research on FAR & payment of legal fees	0.5
3/20/2021	Rasch	Research FAR requirements reimbursement of attorney fees	3.8
3/22/2021	Rasch	Research - GA AG Policies - Conflict of Interest and dual representation,	2.7
3/23/2021	Westby	Email K. Wasch re call to discuss fees;	0.2
3/26/2021	Westby	Email Ling-Ling & K. Wasch re legal fees; review reply	0.2
3/29/2021	Rasch	Tel Call w Common Defense Counsel, tel cal w J. Westby, follow up research	1.0
3/29/2021	Westby	T/c w/ joint defense counsel	0.5
3/30/2021	Westby	Email joint counsel; T/c w/ joint defense counsel; research BAA	1.3
3/31/2021	Westby	Review email from joint counsel; research response; reply	0.8
4/1/2021	Westby	Email K. Wasch & Ling-Ling re legal fees; review email from D. Lunon re legal fees	0.9
4/2/2021	Westby	Email to D. Lunon; email joint defense counsel	0.3
4/5/2021	Westby	Review email from D. Lunon re legal fee status	0.1
4/9/2021	Rasch	Draft letter to GT counsel re scope of employment; t/c	1.3
4/15/2021	Westby	Review draft letter to DOAS	0.3
4/21/2021	Westby	Review email from joint defense counsel; reply	0.2
4/21/2021	Rasch	Letter to DOAS, common counsel email	0.5
4/22/2021	Westby	Email D. Dagon re DOAS letter	0.2
4/26/2021	Westby	Email D. Lunon re legal fee issue	0.3
4/28/2021	Westby	Review email from D. Lunon re fees & reply	0.5
5/6/2021	Westby	Emails to joint defense counsel ; t/c w/ joint defense counsel	1.0
5/6/2021	Rasch	Tel Call w Common Defense Counsel re joint defense	1.4
5/7/2021	Westby	T/c w/ joint defense counsel; review emails from joint defense counsel & reply	1.0
5/8/2021	Rasch	Call w/ J. Westby re subpoena; review subpoena; call w/ D. Dagon re same	2.0

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
5/9/2021	Rasch	T/c w/ Common Counsel review white paper; review Tea Pain reports; draft response to AUSA; review DNS availability	5.5
5/10/2021	Westby	Review letter from K. Wasch re legal fees; t/c w/ joint defense counsel; emails w/ joint defense counsel	1.4
5/11/2021	Westby	T/c w/ joint defense counsel; draft response to GT letter re fees	3.5
5/12/2021	Westby	T/c w/ joint defense counsel; draft response to GT letter re fees; email D. Dagon	2.5
5/12/2021	Rasch	Tel Cal Common Counsel - letter to Wasch/Ling Ling	1.9
5/14/2021	Westby	Edit GT letter re fees; email D. Dagon	2.5
5/17/2021	Westby	Edit GT letter; email D. Dagon;	2.0
5/19/2021	Westby	Review email from D. Dagon; t/c w/ D. Dagon	1.6
5/20/2021	Rasch	Revise letter to Kate re legal fees	1.0
5/20/2021	Westby	Review edits to GT letter from M. Rasch; email M. Rasch re same	1.5
5/21/2021	Westby	Review edits to GT letter;	1.0
6/8/2021	Rasch	Research GJ & special counsel, review subpoena, prepare draft response	1.2
6/23/2021	Rasch	Common Interest Call w Common Counsel, research re scope of privilege, Klein issues	1.2
6/23/2021	Westby	T/c w/ joint defense counsel	0.5
6/24/2021	Westby	Review docs from joint defense counsel; email joint defense counsel	0.5
6/29/2021	Westby	T/c w/ joint defense counsel; email M. Rasch re same; email joint defense counsel	1.2
6/29/2021	Rasch	Research - Articles on Investigation, tel call J. Westby	2.7
6/30/2021	Westby	T/c w/ D. Dagon; review email from joint defense counsel re Alfa activity; t/c w/ joint defense counsel	2.6
6/30/2021	Rasch	Tel Call D. Dagon J. Westby	2.0
7/1/2021	Westby	T/c w/ joint defense counsel (3)	1.5
7/1/2021	Rasch	Tel Call w Common counsel - research caselaw	1.2
7/2/2021	Rasch	Tel Call w Common Defense Counsel	1.2
7/2/2021	Westby	T/c w/ joint defense counsel; review letter from joint defense counsel	0.8
7/5/2021	Westby	T/c w/ joint defense counsel	0.5
7/6/2021	Rasch	Call w joint defense counsel	1.0
7/6/2021	Westby	Review email from DeFilippis & reply; t/c w/ De F; t/c w/ joint defense counsel (3); email to D. Dagon	2.8

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
7/7/2021	Westby	T/c w/ joint defense counsel; review email from DeF & proffer agreement; reply to DeF re same	1.2
7/7/2021	Rasch	Tel Cal Common Counsel - DeFilippis, J. Westby, proffer session	1.0
7/8/2021	Rasch	T/c w/ J. Westby; review subpoena response; draft response to subpoena	1.0
7/8/2021	Westby	T/c w/ joint counsel; Review emails from DeF & reply	0.7
7/9/2021	Rasch	Tel Call w D. Dagon; tel call common interest	3.9
7/9/2021	Westby	T/c w/ DeF; t/c w D. Dagon; review docs from D. Dagon;	3.0
7/10/2021	Rasch	Research on Prosecutorial Misconduct	4.0
7/10/2021	Westby	Draft letter to DeF; review email from DeF;	1.0
7/12/2021	Rasch	Tel call w A DeF - legal ethics, threats of prosecution	1.0
7/12/2021	Westby	T/c w/ S. Saltzburg; review doc from D. Dagon; edit letter to DeF; T/c w/ joint counsel	2.4
7/13/2021	Rasch	Common Interest Call w Counsel; tel cal D Dagon	4.8
7/13/2021	Westby	Review email from DeF & subpoena; t/c w/ D. Dagon; t/c w/ joint counsel(2); email S. Saltzburg; finalize letter to DeF & send; review email from DeF & reply; emails to D. Dagon; emails to joint defense counsel	4.7
7/14/2021	Rasch	Common Interest calls; tel cal D Dagon J Westby	5.3
7/14/2021	Westby	T/c w/ joint defense counsel (6); review email from DeF; t/c w/ DeF; review doc from D. Dagon	5.7
7/15/2021	Rasch	Letter to DeF; tel cal common interest; tel cal Christian F re fees	4.0
7/15/2021	Westby	T/c w/ C. Fuller re legal fees, Dagon status; review doc from D. Dagon; review draft letter to DeF; emails to S. Saltzburg; review emails from joint defense counsel; t/c w/ joint defense counsel; t/c w/ D. Dagon; email letter to DeF	4.5
7/16/2021	Rasch	Call w D Dagon	2.0
7/16/2021	Westby	Review email from DeF & reply; discuss dates for testimony; t/c w/ D. Dagon; t/c w/ DeF; send D. Dagon draft letter re immunity	3.5
7/17/2021	Rasch	Common Interest Call	1.0
7/17/2021	Westby	Review email from DeF re testimony; t/c w/ D. Dagon; t/c w/ joint defense counsel	2.4
7/19/2021	Rasch	Grand Jury Prep	2.0
7/19/2021	Westby	T/c w/ joint defense counsel; email D. Dagon re DOJ reimbursement; emails w/ joint defense counsel	0.8
7/20/2021	Rasch	Subpoena duces tecum review; tel cal J Westby	4.0

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
7/20/2021	Westby	Review email from C. Fuller re note from DARPA GC & document production & reply; email DeF re testimony & documents; review email from DeF & reply; t/c w/ D. Dagon	4.8
7/21/2021	Rasch	FRCrim P 6 research; tel call common counsel, tel cal w GA AG Beth Young, tel cal w J Westby	5.3
7/21/2021	Westby	Review emails from DOJ; review emails from joint defense counsel; review email from E. Young & reply; t/c w/ E. Young; review email from DeF & reply; t/c w/ M. Rasch; t/c w/ D. Dagon; t/c w/ DeF; review email from E. Young & GT subpoena; draft email to DeF re document production	4.8
7/22/2021	Westby	Review doc from D. Dagon; review emails from joint defense counsel; t/c w/ D. Dagon	1.4
7/23/2021	Rasch	Draft letter to DeFilippis re DARPA; tel cal common counsel; tel cal J Westby	5.0
7/23/2021	Westby	Review emails from E. Young & reply; email De F re document production; email E. Young re responsive documents; email D. Dagon	1.2
7/24/2021	Rasch	Review document production; tel call common counsel	4.7
7/24/2021	Westby	Review email from DeF & reply; t/c w/ joint defense counsel; t/c w/ D. Dagon	4.0
7/25/2021	Westby	Email DeF;	0.2
7/26/2021	Rasch	Review documents; research, tel cal w D Dagon, J Westby to prep for mtg w DeF and GJ	8.0
7/26/2021	Westby	Review email from E. Young re doc production & reply; review doc from D. Dagon; Review email from DeF re immunity & reply; review file; mtg w/ D. Dagon	7.0
7/27/2021	Rasch	Tel Call D Dagon to prep; letter to GA AG re document production, review documents	7.0
7/27/2021	Westby	Mtg w/ D. Dagon re DeF meeting & testimony; review emails from E. Young re docs & reply	8.0
7/28/2021	Rasch	Mtg w DeFilippis, mtg w D Dagon, tel calls joint counsel	10.0
7/28/2021	Westby	Mtg w/ DeF; mtg w/ Dagon; review email from joint counsel; joint counsel calls	12.0
7/29/2021	Rasch	Mtg w DeFilippis, mtg w D Dagon, GJ testimony, review docs, tel calls common interest; review Rhamnousia logs	11.2
7/29/2021	Westby	Mtg w/ DeF; GJ testimony; mtg w/ Dagon; review immunity order; review emails from E. Young re Rhamnousia chat logs & reply; t/c w/ joint defense counsel	11.8

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
7/30/2021	Rasch	Tel calls joint counsel, review documents, tel cal D Dagon	4.0
7/30/2021	Westby	T/c w/ joint counsel; review docs from D. Dagon; review email from DeF & reply; t/c w/ D. Dagon	4.3
8/1/2021	Westby	Review email from DeF; t/c w/ DeF; t/c w/ Dagon;	1.7
8/2/2021	Rasch	Joint Defense call, tel cal D Dagon J Westby, review docs	4.0
8/2/2021	Westby	Review docs from D. Dagon; review emails from DeF; review emails from E. Young; t/c w/ D. Dagon; review emails from joint defense counsel; email joint defense counsel re docs needed	4.5
8/3/2021	Rasch	Witness preparation, review documents	4.0
8/3/2021	Westby	T/c w/ joint defense counsel (2); review docs from joint defense counsel; review email from DeF and docs; emails w/ DeF re mtgs & testimony; mtg w/ D. Dagon	8.8
8/4/2021	Westby	Mtg w/ D. Dagon; mtg w/ DeF;	11.0
8/4/2021	Rasch	Tel cal w D Dagon, tel cal w DeF & team	5.5
8/5/2021	Rasch	Tel call J Westby, D Dagon	1.7
8/5/2021	Westby	Review emails from joint defense counsel; mtg w/ D. Dagon; GJ testimony; t/c w/ joint defense counsel; review email from DoJ re reimbursement & reply	6.5
8/6/2021	Westby	Review emails from joint defense counsel & reply t/c w/ joint defense counsel (2);	2.0
8/9/2021	Rasch	Common Defense Call, document review	3.2
8/9/2021	Westby	Email DeF documents; t/c w/ joint defense counsel; email docs to joint defense counsel; review docs & file from GJ; review doc from D. Dagon	7.5
8/10/2021	Rasch	Tel cal w J Westby	1.0
8/10/2021	Westby	Review email from joint defense counsel;	0.5
8/11/2021	Rasch	Common Defense comms, tel cal D Dagon	1.5
8/11/2021	Westby	Review doc from D. Dagon; review email from joint defense counsel & reply;	1.0
8/12/2021	Westby	T/c & emails w/ joint defense counsel; t/c w/ D. Dagon	3.5
8/13/2021	Rasch	Review Grand Jury process; OSINT legal review	3.0
8/13/2021	Westby	Email joint defense counsel;	0.5
8/14/2021	Westby	Review email from joint defense counsel; draft letter to DeF; t/c w/ D. Dagon; email joint defense counsel	1.5
8/15/2021	Rasch	Draft letter DeFilippis, tel cal J Westby D Dagon	4.0
8/15/2021	Westby	Review doc from D. Dagon; t/c w/ M. Rasch; draft letter to DeF; review email from DeF w/ Qs to answer; t/c w/	6.5

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
		D. Dagon; review emails from joint defense counsel; emails to joint defense counsel	
8/16/2021	Rasch	Tel cal w common counsel, tel cal D Dagon	3.5
8/16/2021	Westby	T/c w/ joint defense counsel; t/c w/ D. Dagon; draft answers to DeF Qs;	7.5
8/17/2021	Rasch	Witness prep Dagon, research - 1001 caselaw, special counsel, tel cal common counsel	5.0
8/17/2021	Westby	Review doc from D. Dagon; t/c w/ joint defense counsel; edit answers to DeF Qs; email DeF with answers to Q; email joint defense counsel	5.0
8/18/2021	Rasch	Witness prep Dagon, draft responses to DOJ questions	6.5
8/18/2021	Westby	Review email from DeF; review email from M. Rasch re same; email DeF w/ answers; review email from DeF; t/c w/ D. Dagon; reply to DeF	4.8
8/19/2021	Rasch	Mtg w D Dagon, tel cal J Westby, Grand Jury testimony	6.5
8/19/2021	Westby	Review email from DeF; review email from M. Rasch; email DeF; t/c w/ M. Rasch; t/c w/ D. Dagon; review email from J. Eckenrode; t/c w/ M. Rasch; review doc from D. Dagon	4.3
8/20/2021	Rasch	Common Interest Call, tel cal D Dagon	2.0
8/21/2021	Westby	Joint defense counsel call;	0.5
8/23/2021	Rasch	Common Interest call, review docs from D Dagon	2.4
8/23/2021	Westby	Joint defense counsel calls (4); review file docs from D. Dagon;	3.5
8/24/2021	Rasch	Common Interest Call w Common Counsel	1.5
8/24/2021	Westby	Review docs from D. Dagon; t/c w/ joint defense counsel (2); email docs to joint defense counsel; draft letter to DeF	5.5
8/25/2021	Westby	Review doc from D. Dagon; t/c w/ D. Dagon; edit letter to DeF; email joint defense counsel;	5.4
8/26/2021	Rasch	Research Alfa Bank litigation	2.0
8/26/2021	Westby	Draft & finalize letter to DeF; emails to joint defense counsel; email letter to DeF	6.5
8/27/2021	Rasch	Research scope of investigation, DOJ policies, draft letter to DeFilippis, Garland, Durham	5.0
8/27/2021	Westby	Send emails to joint defense counsel; t/c w/ joint defense counsel; review doc from D. Dagon	2.0
8/28/2021	Westby	Review doc from D. Dagon; emails to joint defense counsel & review replies	2.0
8/30/2021	Westby	T/c w/ joint defense counsel (2); emails to joint defense counsel;	2.8
8/31/2021	Westby	Email letter to AG Garland & Durham	0.5

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
9/1/2021	Rasch	Research draft letter to DeF re scope of investigation, tel cal joint counsel, review D. Jones litigation - report	6.2
9/3/2021	Rasch	Tel cal D Dagon J Westby, review docs from D Dagon	2.3
9/3/2021	Westby	Review docs in file; t/c w/ M. Rasch; t/c w/ D. Dagon	2.5
9/5/2021	Rasch	Review documents, emails re press reports	1.2
9/16/2021	Rasch	Common Interest Calls, review indictment, review D. Jones suit, tel cal D Dagon J Westby	5.5
9/16/2021	Westby	Review D. Jones suit against Alfa; review indictment; t/c w/ DeF; emails & t/c w/ joint defense counsel; t/c w/ D. Dagon; review email from J. Durham	4.5
9/17/2021	Rasch	Review Durham response & draft reply; tel call common counsel	3.7
9/17/2021	Westby	T/c w/ joint defense counsel; emails w/ joint defense counsel; review draft response to J. Durham;	3.0
9/19/2021	Westby	Emails w/ joint defense counsel;	0.5
9/20/2021	Rasch	Common Interest Call	1.2
9/20/2021	Westby	T/c w/ joint defense counsel; t/c w/ D. Dagon; review emails from joint defense counsel & reply	1.9
9/21/2021	Rasch	DOAS research	1.9
9/21/2021	Rasch	Alfa Bank subpoena research	3.3
9/21/2021	Westby	T/c w/ joint defense counsel (2); review Alfa subpoenas; review docs from joint defense counsel; t/c w/ D. Dagon & M. Rasch; review doc from D. Dagon	4.7
9/22/2021	Rasch	Research Alfa Bank litigation, draft letter to GT	3,4
9/22/2021	Westby	T/c w/ joint defense counsel; review file; review Alfa activity & docs; discuss response to Alfa; review draft email to K. Wasch; t/c w/ D. Dagon	5.5
9/23/2021	Westby	Review docs from D. Dagon; review emails from joint defense counsel; t/c w/ joint defense counsel;	3.5
9/24/2021	Rasch	Research motion to quash	3.4
9/24/2021	Westby	Review doc from D. Dagon; t/c w/ joint defense counsel; review file; email C. Fuller re t/c & Alfa;	3.0
9/25/2021	Rasch	Research independent counsel statute	2.0
9/28/2021	Westby	T/c w/ C. Fuller & E. Young; review doc from D. Dagon;	1.5
9/28/2021	Rasch	Tel cal w Christian F & Beth Young, tel cal J Westby	1.5
9/29/2021	Rasch	Research Alfa subpoena - GA law, protective order, tel cal J Westby	5.7
9/29/2021	Westby	Review draft motion to Quash and letter re 5th A re Alfa subpoenas; t/c /w M. Rasch re same;	2.5



**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
9/30/2021	Rasch	Draft motion to quash, review filings from common counsel, research GA Anti SLAPP	6.7
9/30/2021	Westby	T/c w/ joint defense counsel; review docs; discuss Alfa response; t/c w/ D. Dagon; review doc from D. Dagon	3.3
10/1/2021	Rasch	OSC investigation research; tel call common counsel	3.3
10/1/2021	Westby	Review email from joint defense counsel & Alfa motions; t/c w/ joint defense counsel; review motions from joint defense counsel; email D. Dagon	4.5
10/2/2021	Rasch	Draft letter to Alfa counsel re 5 <sup>th</sup> A	2.0
10/4/2021	Westby	Review letter re 5 <sup>th</sup> to Alfa counsel; finalize	1.5
10/5/2021	Westby	Email letter to Alfa Counsel re 5 <sup>th</sup> , t/c w/ joint defense counsel	1.4
10/7/21	Westby	Review email from C. Fuller & reply; send certified letters to Alfa Counsel re 5 <sup>th</sup> A	1.2
<b>TOTAL</b>			<b>938.0</b>

**TOTAL FEES: 938 hours @ \$350/HOUR = \$328,300.00**

---

**From:** Bryan Webb <bwebb@law.ga.gov>  
**Sent:** Thursday, November 5, 2020 9:11 AM  
**To:** 'Jody R Westby'  
**Subject:** RE: Georgia Tech

I can be around at 5:30.

bkw

Bryan Webb  
Deputy Attorney General  
Office of Attorney General Chris Carr  
Government Services & Employment  
Tel: 404-458-3542  
bwebb@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Thursday, November 5, 2020 9:09 AM  
**To:** Bryan Webb <bwebb@law.ga.gov>  
**Cc:** Mark Rasch <rasch@globalcyberlegal.com>  
**Subject:** Re: Georgia Tech

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Bryan,  
Thank you for your reply. I have a call from 4:30 to 5:30 p.m. Would it be all right to call at 5:30 pm? If so, I will send a Zoom link.  
Cheers,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Nov 5, 2020, at 9:00 AM, Bryan Webb <bwebb@law.ga.gov> wrote:

I am not available on Thursday until after 4:30 and I am not available on Friday until after 4:30. I have depositions that I am involved in on these days. If you wish to call me today after 4:30 or so that will be fine.

bkw

Bryan Webb  
Deputy Attorney General  
Office of Attorney General Chris Carr  
Government Services & Employment  
Tel: 404-458-3542  
bwebb@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Wednesday, November 4, 2020 8:34 PM  
To: Nie, Ling-Ling <linglingnie@gatech.edu>  
Cc: Mark Rasch <rasch@globalcyberlegal.com>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Bryan Webb <bwebb@law.ga.gov>  
Subject: Re: Georgia Tech

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Ling-Ling and Bryan,  
Ling-Ling, thank you for your note. Bryan, are you available for a call at 3:30 pm. tomorrow, Thursday, Nov. 5? If not, what is your availability on Friday? We are facing some external time pressures so sooner is better.  
Thank you very much,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Nov 4, 2020, at 5:33 PM, Nie, Ling-Ling <linglingnie@gatech.edu> wrote:

Hi Jody and Mark:

I apologize for the delay in getting back to you on this, and appreciate your patience as we worked through it on our end. Thank you for providing your chronology of events and additional details, which were very helpful and informative.

After further review, we more clearly understand now the work performed by David Dagon that is at issue here and your position that it was performed within the scope of his employment. Given that this would impact other considerations going forward, particularly attorney representation for David, I am copying Bryan Webb, Deputy Attorney General, on this e-mail so that you can connect with him for further discussion on that point.

With kind regards,  
Ling-Ling

---

**From:** Nie, Ling-Ling <linglingnie@gatech.edu>  
**Sent:** Wednesday, November 4, 2020 5:34 PM  
**To:** Jody R Westby; Mark Rasch  
**Cc:** Wasch, Kate; Bryan Webb  
**Subject:** Georgia Tech

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Jody and Mark:

I apologize for the delay in getting back to you on this, and appreciate your patience as we worked through it on our end. Thank you for providing your chronology of events and additional details, which were very helpful and informative.

After further review, we more clearly understand now the work performed by David Dagon that is at issue here and your position that it was performed within the scope of his employment. Given that this would impact other considerations going forward, particularly attorney representation for David, I am copying Bryan Webb, Deputy Attorney General, on this e-mail so that you can connect with him for further discussion on that point.

With kind regards,  
Ling-Ling

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Wednesday, November 18, 2020 8:32 AM  
**To:** Bryan Webb  
**Cc:** Mark Rasch  
**Subject:** Re: Georgia Tech

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Bryan,

Thanks again for your time on Nov 5 to discuss David Dagon's legal matter and the payment of his legal fees. We know what a crazy time this is for you, but we wondered if you had been able to make some progress on this. We look forward to hearing from you.

Kind regards,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Nov 5, 2020, at 9:11 AM, Bryan Webb <bwebb@law.ga.gov> wrote:

I can be around at 5:30.

bkw

Bryan Webb  
Deputy Attorney General  
Office of Attorney General Chris Carr  
Government Services & Employment  
Tel: 404-458-3542  
bwebb@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Thursday, November 5, 2020 9:09 AM  
To: Bryan Webb <bwebb@law.ga.gov>  
Cc: Mark Rasch <rasch@globalcyberlegal.com>  
Subject: Re: Georgia Tech

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Bryan,  
Thank you for your reply. I have a call from 4:30 to 5:30 p.m. Would it be all right to call at 5:30 pm? If so, I will send a Zoom link.  
Cheers,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Nov 5, 2020, at 9:00 AM, Bryan Webb <bwebb@law.ga.gov> wrote:

I am not available on Thursday until after 4:30 and I am not available on Friday until after 4:30. I have depositions that I am involved in on these days. If you wish to call me today after 4:30 or so that will be fine.

bkw

Bryan Webb  
Deputy Attorney General  
Office of Attorney General Chris Carr  
Government Services & Employment  
Tel: 404-458-3542  
bwebb@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Wednesday, November 4, 2020 8:34 PM

To: Nie, Ling-Ling <linglingnie@gatech.edu>

Cc: Mark Rasch <rasch@globalcyberlegal.com>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Bryan Webb <bwebb@law.ga.gov>

Subject: Re: Georgia Tech

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Ling-Ling and Bryan,

Ling-Ling, thank you for your note. Bryan, are you available for a call at 3:30 pm. tomorrow, Thursday, Nov. 5? If not, what is your availability on Friday? We are facing some external time pressures so sooner is better.

Thank you very much,

Jody

Jody R Westby, Esq.

Managing Principal

Global Cyber Legal LLC

+1.202.255.2700

westby@globalcyberlegal.com

www.globalcyberlegal.com

On Nov 4, 2020, at 5:33 PM, Nie, Ling-Ling <linglingnie@gatech.edu> wrote:

Hi Jody and Mark:

I apologize for the delay in getting back to you on this, and appreciate your patience as we worked through it on our end. Thank you for providing your chronology of events and additional details, which were very helpful and informative.

After further review, we more clearly understand now the work performed by David Dagon that is at issue here and your position that it was performed within the scope of his employment. Given that this would impact other considerations going forward, particularly attorney representation for David, I am copying Bryan Webb, Deputy Attorney General, on this e-mail so that you can connect with him for further discussion on that point.

With kind regards,

Ling-Ling



---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Tuesday, November 24, 2020 2:54 PM  
**To:** Bryan Webb  
**Cc:** Mark Rasch  
**Subject:** Re: Georgia Tech

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thank you very much, Bryan. 9:00 am tomorrow is perfect. I will send a Zoom link.

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Nov 24, 2020, at 2:42 PM, Bryan Webb <bwebb@law.ga.gov> wrote:

I am working tomorrow for half the day. I have a call at 10:30 that will last through about 11:30. I can be here before that call at 9:00 if you would like.

Thanks for the email. I needed to get back to you all.

Thanks

bkw

Sent from my iPhone

> On Nov 24, 2020, at 2:00 PM, Jody R Westby <westby@globalcyberlegal.com> wrote:

>

> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>

>

> Dear Bryan,

> We would like to have a short call with you to get the current status. We would like to resolve this as soon as possible. Are you available anytime today or tomorrow? We don't care if it is evening if that is better for you.

> Thank you,

> Jody and Mark

>

> Jody R Westby, Esq.

> Managing Principal

> Global Cyber Legal LLC  
> +1.202.255.2700  
> westby@globalcyberlegal.com  
> www.globalcyberlegal.com

>  
>  
>  
> On Nov 18, 2020, at 8:31 AM, Jody R Westby <westby@globalcyberlegal.com> wrote:

>  
> Dear Bryan,  
> Thanks again for your time on Nov 5 to discuss David Dagon's legal matter and the payment of his legal fees. We know what a crazy time this is for you, but we wondered if you had been able to make some progress on this. We look forward to hearing from you.

> Kind regards,

> Jody

>  
> Jody R Westby, Esq.  
> Managing Principal  
> Global Cyber Legal LLC  
> +1.202.255.2700  
> westby@globalcyberlegal.com  
> www.globalcyberlegal.com

>  
>  
>  
> On Nov 5, 2020, at 9:11 AM, Bryan Webb <bwebb@law.ga.gov> wrote:

>  
> I can be around at 5:30.

>  
> bkw

>  
>  
>  
>  
> Bryan Webb  
> Deputy Attorney General  
> Office of Attorney General Chris Carr  
> Government Services & Employment  
> Tel: 404-458-3542  
> bwebb@law.ga.gov  
> Georgia Department of Law  
> 40 Capitol Square SW  
> Atlanta, Georgia 30334

>  
>  
>  
>  
> -----Original Message-----

> From: Jody R Westby <westby@globalcyberlegal.com>  
> Sent: Thursday, November 5, 2020 9:09 AM  
> To: Bryan Webb <bwebb@law.ga.gov>  
> Cc: Mark Rasch <rasch@globalcyberlegal.com>

> Subject: Re: Georgia Tech

>

> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>

>

> Bryan,

> Thank you for your reply. I have a call from 4:30 to 5:30 p.m. Would it be all right to call at 5:30 pm? If so, I will send a Zoom link.

> Cheers,

> Jody

>

> Jody R Westby, Esq.

> Managing Principal

> Global Cyber Legal LLC

> +1.202.255.2700

> westby@globalcyberlegal.com

> www.globalcyberlegal.com

>

>

>

> On Nov 5, 2020, at 9:00 AM, Bryan Webb <bwebb@law.ga.gov> wrote:

>

> I am not available on Thursday until after 4:30 and I am not available on Friday until after 4:30. I have depositions that I am involved in on these days. If you wish to call me today after 4:30 or so that will be fine.

>

> bkw

>

>

>

>

> Bryan Webb

> Deputy Attorney General

> Office of Attorney General Chris Carr

> Government Services & Employment

> Tel: 404-458-3542

> bwebb@law.ga.gov

> Georgia Department of Law

> 40 Capitol Square SW

> Atlanta, Georgia 30334

>

>

>

>

> -----Original Message-----

> From: Jody R Westby <westby@globalcyberlegal.com>

> Sent: Wednesday, November 4, 2020 8:34 PM

> To: Nie, Ling-Ling <linglingnie@gatech.edu>

> Cc: Mark Rasch <rasch@globalcyberlegal.com>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Bryan Webb <bwebb@law.ga.gov>

> Subject: Re: Georgia Tech

>

> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>

>

> Dear Ling-Ling and Bryan,

> Ling-Ling, thank you for your note. Bryan, are you available for a call at 3:30 pm. tomorrow, Thursday, Nov. 5? If not, what is your availability on Friday? We are facing some external time pressures so sooner is better.

> Thank you very much,

> Jody

>

>

> Jody R Westby, Esq.

> Managing Principal

> Global Cyber Legal LLC

> +1.202.255.2700

> westby@globalcyberlegal.com

> www.globalcyberlegal.com

>

>

>

> On Nov 4, 2020, at 5:33 PM, Nie, Ling-Ling <linglingnie@gatech.edu> wrote:

>

> Hi Jody and Mark:

>

> I apologize for the delay in getting back to you on this, and appreciate your patience as we worked through it on our end. Thank you for providing your chronology of events and additional details, which were very helpful and informative.

>

> After further review, we more clearly understand now the work performed by David Dagon that is at issue here and your position that it was performed within the scope of his employment. Given that this would impact other considerations going forward, particularly attorney representation for David, I am copying Bryan Webb, Deputy Attorney General, on this e-mail so that you can connect with him for further discussion on that point.

>

> With kind regards,

> Ling-Ling

>

>

>

>

>

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Wednesday, November 25, 2020 4:14 PM  
**To:** Bryan Webb  
**Cc:** Mark Rasch  
**Subject:** Third Party Payor Agreement & Civil Matters  
**Attachments:** camp indiana order on motion to quash alfabank.pdf; alfa v center for public integrity complaint.pdf; fridman v bean amended complaint.pdf; DAGON - THIRD PARTY LEGAL SERVICES PAYMENT AGREEMENT v4.docx

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Bryan,

Thank you very much for taking time to talk this morning to resolve this matter. Per our discussion, I have attached the Third Party Payor Agreement with language indicating that GCL is representing Mr. Dagon as an individual and is not representing Georgia Tech. Also, that our interests are currently aligned with Georgia Tech, but if those interests diverge, we will be representing Mr. Dagon. We included references to the civil cases, which I have also attached. Please let me know if you need anything further.

Lastly, Mark and I wish you a very Happy Thanksgiving and hope you get a little rest over the holiday!

Best regards,

Jody

Jody R Westby, Esq.

Managing Principal

Global Cyber Legal LLC

+1.202.255.2700

[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)

[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

STATE OF INDIANA )  
 ) SS:  
COUNTY OF MONROE )

IN THE MONROE CIRCUIT COURT 4

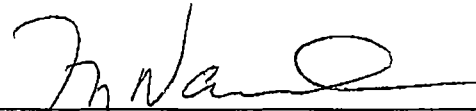
CAUSE NO. 53C04-2009-MI-1613

AO ALFA BANK,  
PLAINTIFF,  
VS.  
JOHN DOE, ET AL.  
DEFENDANT

ORDER

This cause now comes on for hearing regarding the Motion to Quash filed by Non-Party L. Jean Camp. Plaintiff AO Alfa Bank appears by attorneys, James Buchholz and Angelica Fuelling, who appear in person, and by attorney, Margaret Krawiec, who appears virtually. Non-party, L. Jean Camp, appears by attorney, Vivek R. Hadley, who appears in person, and by attorneys, Mark A. Lemley, Aditya V. Kamdar, and Ann O'Connor McCready, who appear virtually. Amicus Curiae Electronic Frontier Foundation, Inc. appears by attorney, Colleen M. Newbill, who appears in person and by attorney, Joseph A. Tomain, who appears virtually. The Court conducts the hearing by Webex meeting hosted by Sylvia Tsakos. The Court completes the hearing and takes the matter under advisement.

All Ordered this 19<sup>th</sup> day of November, 2020.



Frank M. Nardi, Special Judge  
Monroe Circuit Court 4

Cc: Terrance Anderson  
Jonathan Etra  
Margaret Krawiec/Michael McIntosh  
James Buchholz/Angelica Fuelling  
Ann O'Connor McCready/Vivek Hadley  
Mark Lemley, Aditya V. Kamdar  
D. Michael Allen, Colleen M. Newbill, Joseph Tomain

IN THE UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF COLUMBIA

FILED

SEP 14 2000

RECEIVED  
CLERK  
U.S. DISTRICT COURT

- - - - - X

OA0 ALFA-BANK :  
7 Novatorov St., Bldg. 2 :  
Moscow 117421, Russian Federation, :

ZAO ALFA-ECO :  
7 Novatorov St., Bldg. 1 :  
Moscow 117421, Russian Federation, :

MIKHAIL FRIDMAN :  
30 Bolshoy Afanasievskiy Per. #9 :  
Moscow 121019, Russian Federation, :

and

PYOTR AVEN :  
30 Bolshoy Afanasievskiy Per. # 8 :  
Moscow 121019, Russian Federation, :

Plaintiffs, :

v. : No. \_\_\_\_\_

CENTER FOR PUBLIC INTEGRITY, :  
KNUT ROYCE, and :  
NATHANIEL HELLER, :

Defendants. :

- - - - - X

CASE NUMBER 1:00CV02208  
JUDGE: Richard W. Roberts  
DECK TYPE: Civil General  
DATE STAMP: 09/14/2000

COMPLAINT

Plaintiffs OA0 Alfa-Bank (“Alfa-Bank”), ZAO Alfa-Eco (“Alfa-Eco”), Mikhail Fridman, and Pyotr Aven, complaining of Defendants Center for Public Integrity (“CPI”), Knut Royce, and Nathaniel Heller (collectively, “the CPI Defendants”), state as follows:

**PRELIMINARY STATEMENT**

1. This is an action for defamation arising out of an article written by defendants Royce and Heller and published by defendant CPI on its website, the *Public i*, entitled “Cheney Led Halliburton To Feast at Federal Trough / State Department Questioned Deal With Firm Linked to Russian Mob” (“the Article,” attached hereto as Exhibit A). The CPI Defendants have falsely and maliciously accused plaintiffs of being involved in drug trafficking and other criminal or otherwise disreputable activities, and of being connected to organized crime. The CPI Defendants’ assertions, which are false, have damaged plaintiffs’ reputation. Plaintiffs bring this action to clear their names, to recover compensation for their injuries, and to permanently enjoin publication of the Article.

**PARTIES**

2. Plaintiff Alfa-Bank is an open-joint stock company organized under the laws of the Russian Federation. Its principal place of business is at 7 Novatorov St., Bldg. 2, Moscow 117421, Russian Federation. Alfa-Bank is among the largest financial institutions in Russia and is authorized to conduct and does conduct business in Russia and internationally.

3. Plaintiff Alfa-Eco is a closed-joint stock company organized under the laws of the Russian Federation. Its principal place of business is at 7 Novatorov St., Bldg. 1, Moscow 117421, Russian Federation. Alfa-Eco is a trading company affiliated with Alfa-Bank.



4. Plaintiff Mikhail Fridman is a citizen of the Russian Federation. He resides at 30 Bolshoy Afanasievskiy Per. #9, Moscow 121019, Russian Federation. Mr. Fridman is Chairman of the Board of Directors of Alfa-Bank.

5. Plaintiff Pyotr Aven is a citizen of the Russian Federation. He resides at 30 Bolshoy Afanasievskiy Per. # 8, Moscow 121019, Russian Federation. Mr. Aven is President of Alfa-Bank.

6. Upon information and belief, defendant CPI is a corporation organized and acting under the laws of the District of Columbia. Its principal place of business is at 910 17<sup>th</sup> Street, N.W., Seventh Floor, Washington, D.C. 20006. CPI is engaged in the business of reporting on matters it deems to be of public interest. CPI maintains a website on the World Wide Web called the *Public i*, located at [www.public-i.org](http://www.public-i.org), on which it publishes various articles.

7. Upon information and belief, defendant Knut Royce is an individual residing at 3619 Fordham Rd., N.W., Washington, D.C. 20016-1905. Upon information and belief, Mr. Royce is employed by CPI.

8. Upon information and belief, defendant Nathaniel Heller is an individual residing at 9143 Santayana Dr., Apt. 91, Fairfax, Va. 22031. Upon information and belief, Mr. Heller is employed by CPI.

#### **JURISDICTION AND VENUE**

9. This Court has subject matter jurisdiction pursuant to 28 U.S.C. § 1332(a)(2), in that plaintiffs, on the one hand, are citizens of a foreign state, and defendants, on the other hand, are citizens of the United States, and the amount in controversy exceeds \$75,000, exclusive of interest and costs.

10. This Court has personal jurisdiction over defendant CPI pursuant to D.C. Code § 13-422(a), in that CPI is organized under the laws of and maintains its principal place of business in the District of Columbia. This Court has personal jurisdiction over defendant Heller pursuant to D.C. Code §§ 13-422(a), in that Mr. Heller is domiciled in the District of Columbia. Alternatively, this Court has personal jurisdiction over defendant Heller pursuant to D.C. Code §§ 13-423(a)(1) and 13-423(a)(3), in that plaintiffs' cause of action arises, respectively, out of business transacted by Mr. Heller in the District of Columbia and acts committed by Mr. Heller in the District of Columbia that have caused tortious injury to plaintiffs in the District of Columbia. This Court likewise has personal jurisdiction over defendant Royce pursuant to D.C. Code §§ 13-423(a)(1) and 13-423(a)(3), in that plaintiffs' cause of action arises, respectively, out of business transacted by Mr. Royce in the District of Columbia and acts committed by Mr. Royce in the District of Columbia that have caused tortious injury to plaintiffs in the District of Columbia.

11. Venue is proper in this Court pursuant to 28 U.S.C. § 1391(a)(2), in that a substantial part of the events giving rise to plaintiffs' claim occurred in the District of Columbia.

#### **CAUSE OF ACTION**

12. CPI published the Article on its *Public i* website on or about August 2, 2000. As of the filing of this Complaint, the Article remains accessible on this website. The Article published and/or republished numerous false and defamatory assertions of fact of and concerning plaintiffs ("the defamatory statements"). The defamatory statements falsely portrayed plaintiffs as involved in drug trafficking and other criminal or otherwise

disreputable activities, and as being connected to organized crime. The defamatory statements included the following:

a. That Alfa-Bank and Alfa-Eko were involved in the trafficking of drugs from the Far East to Europe in the early 1990s.

b. That shortly after its formation, Alfa-Bank hired “rogue” KGB agents who “quickly determined that dealing in drugs would bring the highest profits with literally no risk in Russia.”

c. That “Alfa Group’s top executives, oligarchs Mikhail Fridman and Pyotr Aven, ‘allegedly participated in the transit of drugs from Southeast Asia through Russia and into Europe’” and that a “large channel of heroin transit was established from Burma through Laos, Vietnam, to the Far East [Siberia].” “From there the drugs were camouflaged as flour and sugar shipments and forwarded on to Germany. The drug operation was controlled by a Chechen mob family.”

d. That in 1995, residents of the Siberian city of Khabarovsk became ill “after they had eaten heroin-laced sugar that had been shipped in a rail car container leased to Alfa Eko [sic]” and then sold to them by a railroad worker who had stolen a sack of sugar from the container.

e. That at the end of 1993, a top Alfa-Bank official met with Gilberto Rodriguez Orejuela, the now-imprisoned financial mastermind of Colombia’s notorious Cali cartel, to conclude a money laundering agreement.

f. That “top officials of the Alfa Group ‘cooperated’ with a number of Russian crime organizations, notably the notorious Solntsevo mob family in Moscow.”

13. The title of the Article – “Cheney Led Halliburton To Feast at Federal Trough / State Department Questioned Deal With Firm Linked to Russian Mob” – also defamed plaintiffs because, when viewed in the context of the Article itself, it falsely portrayed plaintiffs as being connected to organized crime in Russia.

14. The CPI Defendants published the defamatory statements with negligent disregard for the truth because they failed to act with ordinary care with respect to whether these statements were false. The CPI Defendants also published the defamatory statements with actual malice because they knew or acted with reckless disregard as to whether these statements were false.

15. To the extent the CPI Defendants published or republished defamatory statements attributed to others, they are not shielded from liability because the sources on which they relied either were anonymous or otherwise obviously unreliable: (a) a report said to have been delivered in 1997 to the national security committee of the Russian Duma by “anonymous officials” from the Russian Security Service or FSB, successor to the KGB; (b) an unnamed “former U.S. intelligence officer” who was allegedly given information by an unnamed “former KGB major” who was part of the KGB’s “ideological counterintelligence branch,” was working for “two banks formed by the KGB,” and “had himself been involved in the plan by the KGB and Communist Party to loot state enterprises;” and (c) “a private investigative report” commissioned in Russia by a party to a commercial dispute with an affiliate of Alfa-Bank which was “slipped” to the CIA through an intermediary.

16. The defamatory statements were not privileged.

17. The defamatory statements have been and are available to a large audience of individuals who understand the CPI Defendants' false assertions of fact to be about plaintiffs and to impugn plaintiffs in their trade, profession, community standing, and/or business ethics.

18. By imputing to plaintiffs the commission of a criminal offense or criminal offenses, the CPI Defendants have committed the tort of libel per se.

19. CPI has intentionally and maliciously defamed plaintiffs in order to harm plaintiffs in their personal and business relations.

20. As a direct and proximate result of the Article, plaintiffs Fridman and Aven have been damaged in their trade, profession, and community standing. As a direct and proximate result of the Article, the business ethics and business reputation of plaintiffs Alfa-Bank and Alfa-Eco have been impugned.

21. An actual controversy exists between the parties.

**PRAYER FOR RELIEF**

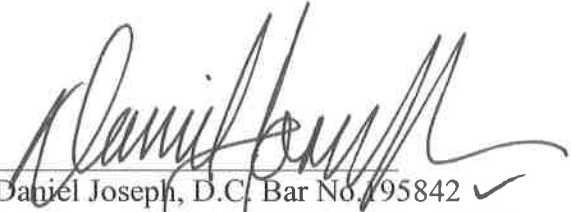
WHEREFORE, plaintiffs request that the Court:

- a. Pursuant to 28 U.S.C. § 2201, enter a declaratory judgment that the CPI defendants have defamed plaintiffs;
- b. Permanently enjoin the CPI Defendants from further publishing the Article and any of the defamatory statements therein;
- c. Award plaintiffs Fridman and Aven compensatory damages in an amount to be proved at trial;
- d. Award plaintiffs Fridman and Aven punitive damages;

- e. Award plaintiffs their costs, including reasonable attorneys' fees;
- and
- f. Grant plaintiffs such further relief as the Court may deem just and appropriate.

Dated: September 14, 2000

Respectfully submitted,



Daniel Joseph, D.C. Bar No. 195842  
Jonathan S. Spaeth, D.C. Bar No. 394921  
Joshua Toll, D.C. Bar No. 463073  
Nicole L. Hagenbuch, D.C. Bar No. 468568  
AKIN, GUMP, STRAUSS, HAUER  
& FELD, L.L.P.  
1333 New Hampshire Ave., N.W.  
Suite 400  
Washington, D.C. 20036  
(202) 887-4000  
(202) 887-4288 FAX

COUNSEL FOR PLAINTIFFS

Exhibit A

# The Public i

An Investigative Report of the Center for Public Integrity

[HOME](#) | [NEWS STORIES](#) | [CENTER COMMENTARY](#) | [SEARCH](#) | [SUBSCRIBE](#)

September 14, 2000

- [Main Page](#)
- [News Reports](#)
- [Center Commentary](#)
- [From the Editor](#)
- [Feedback](#)
- [Join the Center](#)
- [527s/Issue Ad Watch](#)

## Investigative Report

# Cheney Led Halliburton To Feast at Federal Trough

### State Department Questioned Deal With Firm Linked to Russian Mob

By Knut Royce and Nathaniel Heller

Subscribe



Enter your e-mail address and click 'Go' to subscribe to *The Public i* and receive brief overview of each issue. It's **FREE!**

Search



Advanced Search



**The 50 States Project** is an on-going state-by-state analysis of lawmakers' conflicts of interest, based on their sources of income and assets, committee assignments, leadership positions and legislative duties.

(Washington, August 2) Under the guidance of Richard Cheney, a get-the-government-out-of-my-face conservative, Halliburton Company over the past five years has emerged as a corporate welfare hog, benefiting from at least \$3.8 billion in federal contracts and taxpayer-insured loans.

One of these loans was approved in April by the U.S. Export-Import Bank. It guaranteed \$489 million in credits to a Russian oil company whose roots are imbedded in a legacy of KGB and Communist Party corruption, as well as drug trafficking and organized crime funds, according to Russian and U.S. sources and documents.



**INTERNET LINKS :**

- Alfa Bank
- BP-Amoco
- Halliburton Company
- Overseas Private Investment Corp.
- U.S. Export-Import Bank

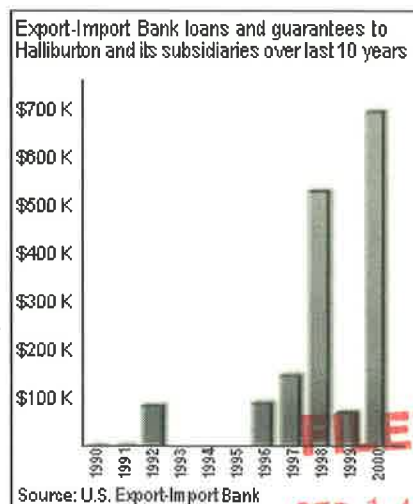
[Printer-friendly Version](#)

Those claims are hotly disputed by the Russian oil firm's holding company.

Halliburton, which lobbied for the Ex-Im loan after the State Department initially asserted that the deal would run counter to the "national interest," will receive \$292 million of those funds to refurbish a massive Siberian oil field owned by the Russian company, the Tyumen Oil Co., which is controlled by a conglomerate called the Alfa Group.

The April Ex-Im taxpayer-insured loan, which has the effect of reducing the borrower's interest rate and extending its repayment term, is but the latest of a series of government bank guarantees from which Halliburton has benefited under Cheney, who joined the company as chairman and chief executive officer in 1995.

Since then Halliburton and its subsidiaries have undertaken foreign projects in which Ex-Im and its sister U.S. bank, the Overseas Private Investment Corp., have guaranteed or made direct loans totaling \$1.5 billion, mostly over the last two years. That compares with a total of about \$100 million the government banks insured and loaned in the five years before Cheney joined the company.



Under Cheney, Halliburton—largely through its Brown & Root subsidiary—has garnered \$2.3 billion in U.S. government contracts. This is almost double the \$1.2 billion it

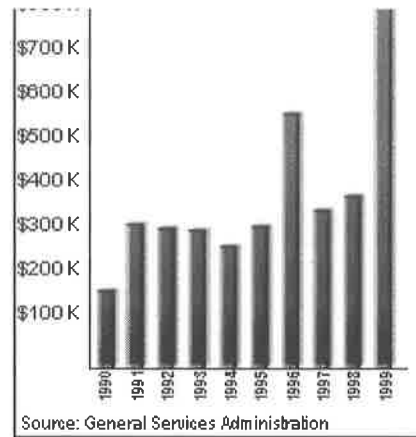
Total U.S. Government contracts (in US\$) awarded to Halliburton and its subsidiaries over the last 10 years

FILED  
SEP 14 2000

00-2208



earned from the government in the five years before he arrived. Most of the contracts have been with the U.S. Army for engineering work in a variety of hot spots, including Bosnia, Albania, Kosovo and Haiti.



Halliburton spokeswoman Wendy Hall issued this statement:

"The Ex-Im Bank loan to Tyumen Oil Co. was carefully investigated by the Ex-Im Bank and approved by its governing body. Halliburton's participation in the loan complies with all applicable United States law and Ex-Im Bank regulation. The loan proceeds will be used to export millions of dollars of goods and services from the U.S. to Russia for much needed oil field improvements.

"These exports will create many jobs in the U.S.

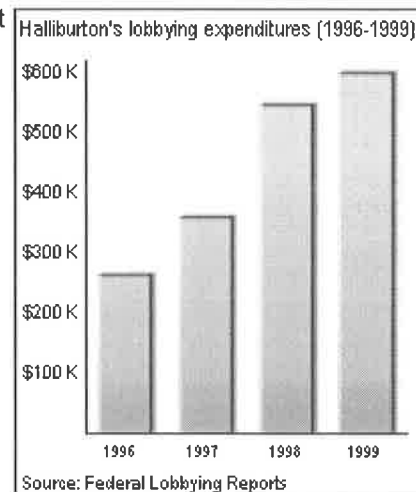
"Any innuendo that Halliburton or Dick Cheney has acted improperly in connection with the Ex-Im Bank loan is false and misleading."

Though there is no evidence that Cheney has espoused business dealings with criminal organizations, Cheney has said publicly that the government should lift restrictions on U.S. corporations in countries that the U.S. government says have sponsored terrorism, such as Libya and Iran.

**High-level access**

Wall Street analysts praise Cheney's stewardship of the company and attribute his ability to attract government contracts and grants to his high-level access to the corridors of power that stems from his days as defense secretary under President George Bush. If he becomes vice president, according to a Halliburton official who admires Cheney but asked to remain anonymous, "the company's government contracts would obviously go through the roof."

If Halliburton has benefited from government generosity, it also has reciprocated with substantial political contributions, largely to Republicans. During Cheney's five years at the helm, the company has donated \$1,212,000 in soft and hard money to candidates and parties, according to numbers compiled by the non-partisan Center for Responsive Politics. In the five years prior to his arrival, the company had given \$534,750.



Though the White House has been Democratic during those years, Congress, which appropriates funds for OPIC and the Ex-Im bank, has been controlled by Republicans.

The goodwill generated by those political contributions and extensive lobbying by Halliburton and its allies on the Tyumen project helped save the day after the White House and State Department in December directed the Ex-Im Bank to delay approval of the \$489 million credit guarantee. The administration wanted the breathing space after complaints by Western investors and companies that they had been defrauded by Tyumen in an unrelated dispute.

One of the aggrieved firms was BP-Amoco, the largest oil and gas producer in

the United States. It and the others claimed that through fraud and other unsavory practices in a Russian bankruptcy proceeding, Tyumen had effectively "stolen" a vast oil field in which they held substantial equity.

BP-Amoco commissioned a private investigative report on Tyumen, which was slipped to the CIA through an intermediary.

That report, a CIA official confirmed, contained 2 1/2 pages labeled "criminal situation." The CIA promptly classified the report "secret" and passed it along to the Ex-Im Bank. Further, the CIA briefed Ex-Im about its own material on Tyumen in December and told the bank that the BP-Amoco investigative report "tracked" with its own information.

### **'Criminal situation'**

The CIA declined to discuss with *The Public i* what was contained in the brief section labeled "criminal situation."

Marsha E. Berry, vice president of communications for the Ex-Im Bank, said that the bank was "not aware of Tyumen's connections to the mob. We take all due diligence in researching our partners and making sure that they are legitimate."

An Ex-Im attorney who worked on the Tyumen account said that the bank checked with both the CIA and the U.S. Embassy in Moscow and concluded that there was "no evidence to support the allegations" raised in the BP-Amoco report, which he said included links to Russian organized crime. He would not further discuss the allegations. He said that the CIA had rated Tyumen in the upper quartile of Russian oil companies in above-board business practices.

Some allegations of organized crime and drug activities involving Tyumen's parent company, the Alfa Group, had been made public in Russia last year.

The allegations were contained in a report delivered in 1997 by anonymous officials from the FSB (the Russian equivalent of the FBI) to the national security committee of the Duma, or lower house of parliament.

A Russian-American specialist on business practices in the former Soviet Union who has worked with the White House and Pentagon told *The Public i* that the allegations contained in the 1997 report have been the subject of an investigation by the FSB but that the probe, for unexplained reasons, had been "put away for a better day."

Some of the key elements in the FSB report, a translation of which was obtained by *The Public i*, are virtually identical to those provided to a former senior American intelligence officer two years earlier by a former KGB major who had been part of the Soviet spy agency's ideological counterintelligence branch.

The former U.S. intelligence officer, who asked not to be further identified, wrote a contemporaneous report of what the former KGB major, at the time working for two banks formed by the KGB, told him in 1995. The intelligence specialist provided a copy of his report to *The Public i*.

### **Money laundering, drug trafficking**

That document and the FSB report claim that Alfa Bank, one of Russia's largest and most profitable, as well as Alfa Eko, a trading company, had been deeply involved in the early 1990s in laundering of Russian and Colombian drug money and in trafficking drugs from the Far East to Europe.

The former KGB major, who with the fall of communism in the late 1980s had

himself been involved in the plan by the KGB and Communist Party to loot state enterprises, said that Alfa Bank was founded with party and KGB funds, and quickly attracted rogue agents who had served in anti-organized-crime units. "They (the rogue agents on the bank's payroll) quickly determined that dealing in drugs would bring the highest profits with literally no risk in Russia," according to the former KGB officer.

He claimed that a "large channel of heroin transit was established from Burma through Laos, Vietnam, to the Far East [Siberia]." From there the drugs were camouflaged as flour and sugar shipments and forwarded on to Germany. The drug operation was controlled by a Chechen mob family, he said.

The FSB report, too, claimed that the Alfa Group's top executives, oligarchs Mikhail Fridman and Pyotr Aven, "allegedly participated in the transit of drugs from Southeast Asia through Russia and into Europe."

Reached by telephone, Alexander Tolchinskiy, an officer of Alfa Bank in Moscow, described as "nonsense" the reports that Alfa or its bosses had been involved in the trafficking of drugs or the laundering of drug profits. Another Alfa official said that the reports were planted by representatives of a competing company, whom he would not identify, which wanted to take over the commodities trade.



#### **'Way off the mark'**

A lawyer at the blue-chip Washington law firm of Akin, Gump, which represents Tyumen, said that the claims that the company's top officers had been involved in narcotics trafficking and money laundering were "way off the mark." The lawyer declined to be further identified.

Rory Davenport of Fleischman Hillard, which handles Tyumen's public relations in Washington, said that his firm had performed a background check on Tyumen and "there was no concern" about Tyumen's alleged mob connection.

Both the FSB and KGB reports cite an event in 1995 in which residents of a Siberian town became "intoxicated," according to the American's report, and "poisoned," according to the FSB report, after they had eaten heroin-laced sugar that had been shipped in a rail car container leased to Alfa Eko, which specializes in the shipment of foodstuffs.

The account from the former KGB officer was that a railroad worker had stolen a sack of sugar from the container and sold it to the persons who became ill. The FSB document said that the incident occurred in Khabarovsk, a large city in Siberia. The former KGB officer only described the location as Siberia.

The FSB report said that within days of the incident, Ministry of Internal Affairs (MVD) agents conducted raids of Alfa Eko buildings and found "drugs and other compromising documentation."

Both reports claim that Alfa Bank has laundered drug funds from Russian and Colombian drug cartels.

The FSB document claims that at the end of 1993, a top Alfa official met with Gilberto Rodriguez Orejuela, the now-imprisoned financial mastermind of Colombia's notorious Cali cartel, "to conclude an agreement about the transfer of money into Alfa Bank from offshore zones such as the Bahamas, Gibraltar and others. The plan was to insert it back into the Russian economy through the purchase of stock in Russian companies."

The account from the former KGB officer is unclear about Alfa's alleged role with

Rodriguez, but apparently confirms that "in 1993-94 there were attempts of the so-called 'Chess Player' [Rodriguez's nickname] to launder and legalize large amounts of criminal money in Russia.' He reported that there was evidence "regarding [Alfa Bank's] involvement with the money laundering of . . . Latin American drug cartels."

#### **Pattern not unusual**

The former KGB officer claimed that the Alfa empire had its roots in a cooperative formed by KGB officers in 1987 to import computers. It would profit by avoiding import duties and launder funds by creating phony invoices to themselves reflecting 500 percent markups in their cost.

The FSB document said that in the 1980s, Alfa's Fridman "secretly cooperated with operatives of the KGB," was active in the Komsomol (Communist Youth League) and established the cooperatives Gelios and Orsk to purchase computers from abroad.

The former U.S. intelligence officer who interviewed the ex-KGB major said that such a pattern was not unusual. He said that the KGB and Komsomol often teamed up with bright young entrepreneurs like Fridman in the late 1980s and early 1990s and provided seed money to launch private ventures, often involving the importing of computers or the formation of banks. He said that Russian oligarch Mikhail Khodorkovsky, whose reputedly heavily mobbed-up Menatep bank folded in 1998, also got his seed money from the Komsomol and also initially dealt in computers. He said that 47 percent of the KGB agents in the Soviet Union had been groomed by Komsomol.

The FSB report also claims that top officials of the Alfa Group "cooperated" with a number of Russian crime organizations, notably the notorious Solntsevo mob family in Moscow. The Russian-American specialist on business practices in Russia, who has a wide array of contacts inside Russia's law enforcement and intelligence communities, agreed that Alfa Bank, as well as others, are used by the Solntsevo crime family.

As with most of Russia's post-Soviet privatization efforts, Alfa Group's takeover of Tyumen Oil was complicated and fraught with allegations of impropriety. In July of 1997, Novy Holdings, a joint venture involving Alfa and a New York-based Russian-American firm, Access Industries, purchased a 40 percent stake in Tyumen Oil from the Russian government for roughly \$810 million. The sale, however, was not without controversy. Russian President Boris Yeltsin himself instructed his privatization czar, Deputy Prime Minister Alfred Kokh, to "personally control the investment tender of the TNK company [Tyumen Oil]" because he was concerned that Tyumen's worth might have been grossly undervalued due to Alfa's improper influence on the audit of the oil giant.

A second cash auction for the remainder of the oil company was scheduled for later that year, with most analysts predicting that Alfa would seek to increase its stake to a majority position. But the auction was suspended in November of 1997, drawing criticism that the government was deliberately delaying the sale of Tyumen in order to give Alfa additional time to raise the necessary funds it needed to take control of the company. The most outspoken critic of Alfa's attempt to wrest control of Tyumen was Viktor Paly, general director of Nizhnevartovskneftegaz, Tyumen Oil's production subsidiary. Paly held a 9% stake in Tyumen Oil through an off-shore company Cadet Establishment.

By February of 1998, however, following meetings at Alfa's offices in Moscow, Paly agreed to divest his stake in Tyumen Oil to Alfa. One month later, Alfa bought an additional 1.17 percent of Tyumen Oil as part of the long-delayed second auction, raising its total stake in the oil company to a 51 percent controlling position.

**Was Cheney's chief of staff**

Tyumen could have significant access to the White House should the Bush-Cheney ticket win in the November presidential elections. Tyumen's lead attorney at Akin Gump is James C. Langdon Jr., a managing partner at the firm. He is also one of George W. Bush's "Pioneers," one of the elite fund raisers who have brought in at least \$100,000 for the Republican presidential hopeful.

Last June in Washington, Langdon helped coordinate a \$2.2 million fund raiser for Bush, and agreed to help recruit 100 lawyers and lobbyists in the capital to raise \$25,000 each. Langdon's secretary told *The Public i* that he was away on travel this week and could not be immediately reached.

Tyumen could also look to one of Cheney's deputies for access should the Republicans triumph in November. One of Halliburton's top lobbyists, Dave Gribbin, was Cheney's chief of staff at the Defense Department during the Bush administration, and his lobbying activities have borne fruit for Halliburton over the last several years.

As with Halliburton's campaign donations, the company's lobbying expenditures increased under Cheney's watch. In 1996, the company spent \$280,000 on lobbying. In 1997, the company increased those expenditures to \$360,000, to \$540,000 in 1998, and to \$600,000 in 1999. That upward trend parallels the increasing success Halliburton has had in winning government contracts, loans, and guarantees under Cheney's direction.

Not surprisingly, several key issues relating to Halliburton's success in securing government largesse appear frequently on the company's lobbying reports. Among them are "OPIC Reauthorization," Defense Appropriations Bills," and "Foreign Operations Appropriations Bills Funding EXIM, OPIC, and TDA" [the Trade and Development Agency, a government agency similar to Ex-Im and one that also funds Halliburton projects around the world]. Gribbin also lists "EXIM," "OPIC," and "TDA" as federal agencies that were contacted as part of the company's lobbying activities. Gribbin did not return repeated calls from *The Public i*.

In no small irony, the official Bush Web site, recently revamped to accommodate the addition of Cheney to the ticket, notes in the "Foreign Policy" section that the duo supports "redirecting American assistance, investment and loans to the Russian people, not to the bank accounts of corrupt officials."

**Export-Import Bank and Overseas Private Investment Corp. projects involving Halliburton: 1990- 2000**

Year	Amount	Type	Project	Country
<b>Ex-Im Bank:</b>				
1990	\$311,482	guarantee	Entreprise Nationale de Geophysique SP	Algeria
1990	\$311,482	loan	Entreprise Nationale de Geophysique SP	Algeria
1991	\$2,975,030	guarantee	Entreprise Nationale de Geophysique SP	Algeria
1991	\$2,975,030	loan	Entreprise Nationale de Geophysique SP	Algeria
1992	\$1,055,730	guarantee	Entreprise Nationale de Geophysique SP	Algeria
1992	\$1,055,730	loan	Entreprise Nationale de Geophysique SP	Algeria
1992	\$29,742,049	guarantee	Sonatrach	Algeria
1992	\$52,064,663	guarantee	Sonatrach	Algeria

*1994	\$266,271,425	guarantee	Samotlornefgaz	Russia
1996	\$88,535,400	guarantee	Special Purpose Entity	Angola
1997	\$134,604,799	guarantee	Sonatrach	Algeria
1997	\$15,393,372	guarantee	Sonatrach	Algeria
1998	\$161,139,799	guarantee	Pemex Project Funding Master Trust, The	Mexico
1998	\$375,379,380	guarantee	Pemex Project Funding Master Trust, The	Mexico
1999	\$64,151,962	loan	Soc National de Combustiveis de Angola	Angola
2000	\$400,000,001	guarantee	Pemex Project Funding Master Trust, The	Mexico
2000	\$36,838,454	guarantee	Samotlornefgaz	Russia
	<b>\$1,632,805,788</b>			

**OPIC**

1997	\$100,000,000	insurance	offshore gas development	Bangladesh
------	---------------	-----------	--------------------------	------------

\* Carried over to year 2000 as part of guarantee to Tyumen.

Halliburton's fiscal year 1999 U.S. government contracts by agency (include subsidiaries of Halliburton)

Agency	Total Amount	No. of Transactions
Department of Defense - Navy	\$28,180,000	326
Department of Defense - Army (Except Corps of Engineers)	\$624,926,000	461
Department of Defense - Air Force (Headquarters)	\$6,310,000	20
Department of Defense - Army Corps of Engineers	\$267,000	2
Department of Defense - Army Corps of Engineers	-\$4,654,000	2
Department of Defense - Defense Information Systems Agency	\$332,000	1
Department of Health and Human Services - National Institutes of Health	\$40,477,000	280
Department of Interior - Geological Survey	\$27,000	1
Department of Interior - Minerals Management Service	\$50,000	1
Department of Interior - National Park Service	\$99,000	3
Department of State	\$31,200,000	7
Environmental Protection Agency	\$172,000	1
National Aeronautics and Space Administration	\$52,901,000	136
	<b>\$780,287,000</b>	<b>1241</b>

Knut Royce is a senior fellow and Nathaniel Heller is the James R. Soles Fellow at the Center for Public

Integrity. They were assisted by researchers Gil Shochat and Amy Zader.

---

Related Reports:

- Dick Cheney's role in the compensation packages of other CEOs could add a complicating factor to his defense of the \$13.6 million in stock and options that he received after leaving Halliburton to become Texas Gov. George W. Bush's running mate. (Washington Post, Aug. 30)
- Mixed reviews for Cheney in chief executive role at Halliburton. (New York Times, Aug. 24) (Free registration required)
- Out of D.C., Cheney still carried clout (Chicago Tribune, Aug. 10) (Free registration required)
- Cheney linked to oil-loans funding. (the Guardian, London, Aug. 5)
- Primary ways to nail jelly. (Harold Evans commentary, the Guardian, London, Aug. 7)

▲TOP

---

[Main Page](#) [News Reports](#) [Center Commentary](#) [Subscribe](#) [From the Editor](#) [Feedback](#) [Join the Center for Public Integrity](#)  
[The Public i Staff](#) [Suggest-a-Story](#)

© Copyright 2000, The Center for Public Integrity. All rights reserved  
**IMPORTANT:** Read the **Copyright & Disclaimer** statement for more information.





alleged cooperation with the “Kremlin” to influence the 2016 presidential election. But neither the Plaintiffs nor Alfa committed any of the acts recklessly attributed to them by the Defendants. To the contrary, the Plaintiffs and Alfa are collateral damage in a U.S. political operation conducted by the Defendants, whose focus is an alleged relationship (between the Kremlin and the Trump campaign) which has nothing whatsoever to do with the Plaintiffs.

2. The specific “report” that includes facially defamatory statements about the Plaintiffs is one of seventeen written Company Intelligence Reports 2016 (“CIRs”) that comprise the Trump Dossier. The Defendants included Company Intelligence Report 112 (the “Report” or “CIR 112”) (which makes statements about the Plaintiffs) in the Trump Dossier, even though the Dossier’s purpose and intended subject matter have nothing to do with the Plaintiffs’ past, current or intended future activities. Broadly, those reports purport to describe details of an alleged scheme between the Russian government and the Trump presidential campaign to unlawfully manipulate the result of the 2016 presidential election in favor of candidate Trump. The Defendants gathered these reports as part of their engagement to conduct “opposition research” (known as “oppo research” by its practitioners and the media) against Trump. Opposition research, in essence, is the gathering of information for the purpose of eventually discrediting or otherwise harming a candidate for a public office. Opposition research is neither objective nor neutral. Instead, it is skewed from the outset in favor of appearing to find negative information about individuals—the essence of the product that political opposition research practitioners such as the Defendants are hired to produce.

3. As described below, the Defendants were initially hired to conduct this opposition research by Republican political opponents of candidate Trump during the primary phase of the 2016 election cycle. That engagement was terminated when it became clear that Mr. Trump would be the Republican nominee. At that point, Defendants solicited and obtained an engagement with the Democratic National Committee and the campaign of candidate Hillary Clinton to gather discrediting information about Mr. Trump, including any connections he might have to Russian businesses or Russia's government. To perform that research, the Defendants hired a private investigator—a former British intelligence officer named Christopher Steele, who operated through a London—based entity known as Orbis Business Intelligence Limited (“Orbis”). Steele claims to have used his own Russian sources—who were never identified—to compile the reports, which were then delivered to the Defendants over the course of several months in 2016. Eventually, the reports, including the false and defamatory Report at the heart of this case, were assembled in the document that has come to be known to the public as the Trump Dossier. Steele has acknowledged that his reports are unverified “raw intelligence” and has refused to identify his alleged “sources.” Indeed, not one of the reports in the Dossier has ever been verified and none of its sources has ever been publicly identified. Defendants recklessly placed the Dossier's allegations of criminal action by Plaintiffs beyond their control which allowed those allegations to get into the hands of media devoted to breaking news on the hottest subjects of the day: the Trump candidacy and his election as President.

4. CIR 112, dated September 14, 2016, falsely accuses the Plaintiffs of criminal bribery in the 1990s and participation in an alleged Trump-Russia scheme to

influence the 2016 presidential election. That alleged scheme was the overall subject matter of the Dossier. At all relevant times Defendants were aware that CIR 112 was not verified, that its content was provided by unidentified sources whose credibility could therefore not be assessed by a reader of the Dossier, and that the accusations made in CIR 112 about Plaintiffs defamed them. Defendants could easily have removed that Report from the Dossier before they started peddling it to media and journalists in September and October 2016. They chose not to do so. Nor did they attempt to determine the veracity of that Report with the Plaintiffs themselves.

5. At all times during the Defendants' engagement of Orbis and Steele, it was either intended or clearly foreseeable that if the Dossier's contents were made available to third parties, including journalists, such provocative material would be published and republished, including to the public at large. Indeed, that is the entire purpose of "oppo research" in American politics. Those third parties included government officials, as well as news media and journalists who could make its content public.

6. On information and belief, Defendants arranged for Steele to brief selected members of the print and online media about the information he was compiling on candidate Trump and his campaign. Consistent with the intended purpose of "oppo research" to publicly discredit its target, Steele's briefings were designed to generate interest in the Dossier and secure eventual public dissemination of its content. Briefings were held for journalists from the *New York Times*, the *Washington Post*, *CNN*, *Yahoo News*, and others in September 2016. *The New York Times*, *The Washington Post* and

*Yahoo News* were given a second briefing.<sup>1</sup> Shortly thereafter, *Yahoo News* published an article by Michael Isikoff that described some of the content of the Dossier (referred to there as “intelligence reports” and “reports”), which was still being compiled at that time.<sup>2</sup> Many other media articles reported speculative accounts of the Dossier’s existence and contents. In late October 2016, Steele gave an interview to David Corn, a writer for *Mother Jones* magazine, which, on October 31, 2016, published an article by Corn headlined “A Veteran Spy Has Given The FBI Information Alleging a Russian Operation to Cultivate Donald Trump.”<sup>3</sup> Corn’s article stated that he had “reviewed” the early reports in the Dossier, and then quoted from those reports as well as statements made by Steele in the interview. The publication to third parties and public dissemination of the Dossier’s content had begun in earnest.

7. In addition to cultivating media interest, the Defendants also organized or approved a meeting in Great Britain between Steele and David Kramer, who held no public office but was the director of a private foundation affiliated with U.S. Senator John McCain. The purpose of that meeting was to show Kramer the content of the sixteen pre-election reports in the Dossier so he could brief Senator McCain, who at the time was a well-known and outspoken critic of Trump’s candidacy. Subsequently, in November

---

<sup>1</sup> *Defendants’ Response to Claimants Request For Information, Gubarev, et al. v. Orbis Business Intelligence Limited and Christopher Steele*, Claim No. HQ1700413, In the High Court of Justice, Queens Bench Division, May 18, 2017, p. 8 (“The Orbis/Steele Response”).

<sup>2</sup> Michael Isikoff, *U.S. intel officials probe ties between Trump advisor and Kremlin*, *Yahoo News*, Sept. 23, 2016, <https://www.yahoo.com/news/u-s-intel-officials-probe-ties-between-trump-adviser-and-kremlin-175046002.html>.

<sup>3</sup> David Corn, *A Veteran Spy Has Given the FBI Information Alleging a Russian Operation to Cultivate Donald Trump*, *Mother Jones, Politics*, Oct. 31, 2016, <https://www.motherjones.com/politics/2016/10/veteran-spy-gave-fbi-info-alleging-russian-operation-cultivate-donald-trump/>

2016, Defendants provided (and thereby published) a copy of all sixteen of the Dossier's then existing reports to Kramer—for redelivery and further publication to Senator McCain—including the report (CIR 112) that falsely accused and defamed Plaintiffs.<sup>4</sup>

8. As the 2016 presidential election neared, both print and online media in the United States and abroad began to expand their coverage of the Dossier and its alleged content. That coverage only intensified after Trump won the election. On January 10, 2017, one of those media entities, BuzzFeed, Inc., published the entire Dossier on the Internet, describing it there as “explosive.” The copy of the Dossier that BuzzFeed published included the false and defamatory allegations of CIR 112 about the Plaintiffs and Alfa, along with the article entitled “These Reports Allege Trump Has Deep Ties to Russia.”<sup>5</sup> The Dossier misspells Alfa's name throughout, incorrectly spelling it as “Alpha.” BuzzFeed's article did not mention CIR 112 or its allegations, but focused instead on president-elect Trump and his alleged relationships with Russia, explaining that it “was publishing the full document so that Americans can make up their minds about allegations about the president-elect that have circulated at the highest levels of the U.S. government.”<sup>6</sup>

9. The Defendants intended, anticipated, or foresaw a high likelihood that allowing their clients (named *infra*), third parties (like David Kramer and Senator

---

<sup>4</sup> The Orbis/Steele Response, pp. 5-6.

<sup>5</sup> Ken Bensinger, Miriam Elder, Mark Schoofs, *These Reports Allege Trump Has Deep Ties To Russia*, BuzzFeed News, Jan. 10, 2017, [https://www.buzzfeed.com/kenbensinger/these-reports-allege-trump-has-deep-ties-to-russia?utm\\_term=.is1Q2ka2J](https://www.buzzfeed.com/kenbensinger/these-reports-allege-trump-has-deep-ties-to-russia?utm_term=.is1Q2ka2J).

<sup>6</sup> *Id.*

McCain) and the media access to the Dossier's defamatory content would result in its republication by news media outlets, including online news media such as BuzzFeed.

10. Plaintiffs seek an award of compensatory and punitive damages for the harm to their personal and professional reputations, current business interests, and the impairment of business opportunities that resulted from the blatantly false and defamatory statements and implications about them published recklessly to third parties by the Defendants and republished by BuzzFeed and countless other media around the world.

#### **THE PARTIES**

11. Plaintiffs Fridman, Aven, and Khan are ultimate beneficial owners of Alfa. Fridman and Khan are each citizens of both Russia and Israel, and Aven is a citizen of Russia. Plaintiffs are not widely known in the United States, had no role or involvement in any aspect of the 2016 U.S. presidential election, and made no public comments about it.

12. On information and belief, defendant Bean LLC is a Delaware corporation that conducts business under the name Fusion GPS. Fusion is registered to transact business in Washington, D.C., where it is headquartered and conducts its operations.

13. Defendant Glenn Simpson, on information and belief, is a principal of Fusion. He was the primary actor involved in securing the Dossier from Orbis and Steele, arranging for press briefings about it in the late summer and early fall of 2016, and publishing the Dossier to various recipients including Fusion's clients, third parties like David Kramer and Senator McCain, other government officials and the news

media. Simpson conducts his business for Fusion from an office in Washington, D.C., where his business included his activities with respect to the Dossier. Both Simpson and his subcontractor Steele used their prior experience as, respectively, an investigative journalist for the Wall Street Journal and an operative in British intelligence who had covered Russian matters, to give their “oppo research” output a gloss of credibility and reliability which, in this case, was unwarranted. Simpson has described Fusion’s work as “journalism for rent” and claimed publicly that he and Fusion uphold strict standards that Simpson developed in his years as a journalist: “You can’t just say what you know. You have to say how you know it. And you have to be able to prove it.”<sup>7</sup> And yet, Simpson and Fusion did not live up to their own professed standards when they published the Dossier. As Steele (Defendants’ supplier of the Dossier’s unverified, anonymous “raw intelligence” content) recently told a journalist, he did not interview his sources himself, but gathered his information through “intermediaries” and “subsources.” And as Steele further acknowledged, as much as 30% of the Dossier’s content may not be “accurate.”<sup>8</sup> Those are the “standards” by which Defendants operated when they published CIR 112.

---

<sup>7</sup> Jack Gillum, Shawn Boburg, ‘*Journalism for rent*’: *Inside the secretive firm behind the Trump dossier*, The Washington Post, Investigations, Dec. 11, 2017 (available at [https://www.washingtonpost.com/investigations/journalism-for-rent-inside-the-secretive-firm-behind-the-trump-dossier/2017/12/11/8d5428d4-bd89-11e7-af84-d3e2ee4b2af1\\_story.html?utm\\_term=.5152414bbcce](https://www.washingtonpost.com/investigations/journalism-for-rent-inside-the-secretive-firm-behind-the-trump-dossier/2017/12/11/8d5428d4-bd89-11e7-af84-d3e2ee4b2af1_story.html?utm_term=.5152414bbcce)).

<sup>8</sup> Luke Harding, *How Trump walked into Putin’s web*, The Guardian, News, Nov. 15, 2017, <https://www.theguardian.com/news/2017/nov/15/how-trump-walked-into-putins-web-luke>; <https://theguardian.com/us-new/2017/nov/15/christopher-steele-trump-russia-dossier-accurate>.

### JURISDICTION AND VENUE

14. This case is within this Court's jurisdiction pursuant to 28 U.S.C. § 1332(a)(2). Venue is proper in this District pursuant to 28 U.S.C. § 1391. The matter in controversy in the cause of action asserted herein exceeds \$75,000.

### FACTUAL ALLEGATIONS

15. On information and belief, the Defendants were engaged in 2015 by the Washington Free Beacon to conduct research from public sources about several Republican candidates for President, an engagement which ended in May 2016 when Donald J. Trump was emerging as the likely winner of the nomination.<sup>9</sup> Even prior to that termination, Defendants approached Perkins Coie, a law firm representing the Democratic National Committee (DNC) and HFACC, Inc., the campaign organization supporting Hillary Rodham Clinton's candidacy for President, to solicit an engagement that would continue the research regarding Donald Trump which it had been pursuing on behalf of its previous client. Perkins Coie retained Defendants to provide such research services in April 2016, an engagement which continued until October 2016.<sup>10</sup> The Defendants were tasked with conducting "oppo research" against Trump, including the gathering of compromising and salacious information about Trump's personal behavior

---

<sup>9</sup> Alicia Cohn, *Conservative site funded project that led to Trump dossier*, The Hill, Home News, Oct. 27, 2017, <http://thehill.com/homenews/news/357599-conservative-publication-originally-funded-trump-dossier-report>.

<sup>10</sup> Adam Entous, Devlin Barrett, Rosalind S. Helderan, *Clinton campaign, DNC paid for research that led to Russia dossier*, The Washington Post, National Security, Oct. 24, 2017 (available at <https://www.washingtonpost.com/world/national-security/clinton-campaign-dnc-paid-for-research-that-led-to-russia-dossier/2017/10/24/22>).



and business dealings in Russia. The Defendants in turn engaged Orbis and Steele for assistance in fulfilling this task.

16. Orbis proceeded to research Trump's personal behavior in Russia and business dealings with Russian government officials, business leaders, and business entities. Steele compiled the "investigative" results into at least seventeen written CIRs for delivery to the Defendants in Washington, D.C. By Steele's own description, the CIRs were "raw intelligence" containing unverified information from sources he did not personally interview.<sup>11</sup> The CIRs produced between June 2016 and the end of October 2016 (including CIR 112) were provided and thus published to lawyers at Perkins Coie and by them to their clients at the DNC and the HFACC.

17. After Trump received the Republican nomination for President in July 2016, many media reports subsequently surfaced asserting, correctly, that Fusion had entered into a new engagement with Democratic Party operatives interested in using the oppo research to support Hillary Clinton's candidacy. These media reports vastly increased other media's and the public's interest in the content of the Dossier.

18. As they continued their work for their new clients, the Defendants knew, anticipated or reasonably should have foreseen that, once in the hands of third parties such as David Kramer, Senator McCain, journalists like Michael Isikoff and David Corn, Perkins Coie, the political operatives at the DNC and HFACC, and their media contacts, the CIRs would be further disseminated publicly, thereby fostering widespread discussion about them in the United States when, in fact, Plaintiffs had no role whatsoever in any actions the Russian government or other Russian actors may have taken with regard to

---

<sup>11</sup> The Orbis/Steele Response, p.7, #17.

the 2016 election in the United States. That is exactly what happened. Much of the ensuing media attention and public discussion focused on Defendants' and Steele's roles in the creation and dissemination of the Dossier, and the interviews solicited by them. During this campaign to promote the public dissemination of their "oppo research," which, upon information and belief, included the provision of background briefing to the media by Defendants without attribution, Defendants never vouched for the credibility of their sources or the accuracy and reliability of the content of the Dossier and CIR 112. Despite the fact that they did not know whether the unverified, anonymous, inherently harmful accusations in CIR 112 about Plaintiffs were true or false, Defendants intentionally published the Dossier, including CIR 112, to Perkins Coie, David Kramer and John McCain, and foresaw (or reasonably should have foreseen) that it would then be republished to (1) Perkins Coie's clients (the DNC and the HFACC); (2) employees of the DNC and the HFACC; and (3) journalists and media. Elements of the Dossier, possibly including CIR112, may have been published even more extensively by being made available for viewing during arranged briefings of certain journalists. Worldwide publication of the entire Dossier, whether by BuzzFeed or anyone else, was inevitable after these reckless actions by Defendants.

19. CIR 112 specifically discusses the Plaintiffs. Its heading, "RUSSIA/US PRESIDENTIAL ELECTION: KREMLIN-ALPHA GROUP CO-OPERATION," is defamatory in the Trump/Russia context of the entire Dossier, as this heading suggests that Alfa and its executives, including the Plaintiffs, cooperated in the alleged Kremlin-orchestrated campaign to interfere in the 2016 U.S. presidential election—the overriding focus of Steele's reports. This is a plausible and, indeed, inescapable inference of fact

based on the headings of fifteen of the sixteen CIR's that Defendants dated and/or published before the end of October, 2016:

**US PRESIDENTIAL ELECTION: REPUBLICAN CANDIDATE DONALD TRUMP'S ACTIVITIES IN RUSSIA AND COMPROMISING RELATIONSHIP WITH THE KREMLIN (CIR 80 – JUNE 20, 2016)**

**RUSSIA/US PRESIDENTIAL ELECTION: FURTHER INDICATIONS OF EXTENSIVE CONSPIRACY BETWEEN TRUMP'S CAMPAIGN TEAM AND THE KREMLIN ( CIR 95 – UNDATED)**

**RUSSIA: SECRET KREMLIN MEETINGS ATTENDED BY TRUMP ADVISOR, CARTER PAGE IN MOSCOW (JULY 2016) (CIR 94 – JULY 19, 2016)**

**RUSSIA-US PRESIDENTIAL ELECTION: KREMLIN CONCERN THAT POLITICAL FALLOUT FROM DNC E-MAIL HACKING AFFAIR SPIRALING OUT OF CONTROL (CIR 97 – JULY 30, 2016)**

**RUSSIA/USA: GROWING BACKLASH IN KREMLIN TO DNC HACKING AND TRUMP SUPPORT OPERATIONS (CIR 100 - AUGUST 5, 2016)**

**RUSSIA/US PRESIDENTIAL ELECTION: SENIOR KREMLIN FIGURE OUTLINES EVOLVING RUSSIAN TACTICS IN PRO-TRUMP, ANTI-CLINTON OPERATION (CIR 101 – AUGUST 10, 2016)**

**RUSSIA/US PRESIDENTIAL ELECTION: REACTION IN TRUMP CAMP TO RECENT NEGATIVE PUBLICITY ABOUT RUSSIAN INTERFERENCE AND LIKELY RESULTING TACTICS GOING FORWARD (CIR 102 – AUGUST 10, 2016)**

**RUSSIA/US PRESIDENTIAL ELECTION: FURTHER DETAILS OF TRUMP LAWYER COHEN'S SECRET LIAISON WITH THE KREMLIN (CIR 136 – OCTOBER 20, 2016)**

**RUSSIA/UKRAINE: THE DEMISE OF TRUMP'S CAMPAIGN MANAGER PAUL MANAFORT (CIR 105 – AUGUST 22, 2016)**

**RUSSIA/US: KREMLIN FALLOUT FROM MEDIA EXPOSURE OF MOSCOW'S INTERFERENCE IN THE US PRESIDENTIAL CAMPAIGN (CIR 111 – SEPTEMBER 14, 2016)**

**RUSSIA/US PRESIDENTIAL ELECTION: KREMLIN-ALPHA GROUP CO-OPERATION (CIR 112 – SEPTEMBER 14, 2016)**

**RUSSIA/US PRESIDENTIAL ELECTION: REPUBLICAN CANDIDATE TRUMP'S PRIOR ACTIVITIES IN ST. PETERSBURG (CIR 113 – SEPTEMBER 14, 2016)**

**RUSSIA: KREMLIN ASSESSMENT OF TRUMP AND RUSSIA INTERFERENCE IN US PRESIDENTIAL ELECTION (CIR 130 – OCTOBER 12, 2016)**

**RUSSIA/US PRESIDENTIAL ELECTION: FURTHER DETAILS OF KREMLIN LIAISON WITH TRUMP CAMPAIGN (CIR 134 – OCTOBER 18, 2016)**

20. CIR 112, in sections labeled “Summary” and “Detail,” makes a series of factual allegations about the “current closeness” of an “Alpha Group/PUTIN relationship,” including that “[s]ignificant favors continue to be done in both directions” and that “FRIDMAN and AVEN [are] still giving informal advice to PUTIN, especially on the US.”

21. The Summary section of CIR 112 identifies a former employee of Alfa, Oleg Govorun, who is now the head of a government department in Putin’s administration, as a “key intermediary” in the “PUTIN-Alfa relationship.” CIR 112 alleges that Govorun “delivered illicit cash directly to PUTIN” “throughout the 1990s,” when Govorun was an “Alpha executive” and Putin was the Deputy Mayor of St. Petersburg.

22. The first paragraph of the Detail section of CIR 112 states the full names of Plaintiffs Fridman, Aven, and Khan. It then includes a report from an unnamed “Russian government official:”

although they have had their ups and downs, the leading figures in Alpha currently are on very good terms with PUTIN. Significant favors continued to be done in both directions, primarily political ones for PUTIN and business/legal ones for Alpha. Also, FRIDMAN and AVEN continued to give informal advice to PUTIN on

foreign policy, and especially about the US where he distrusted advice being given him by officials.

23. Under any reasonable reading of CIR 112, alone, and in the context of the full Dossier and the headings of sixteen of its seventeen CIR's ("the Trump/Russia context"), Plaintiffs Fridman, Aven, and Khan, along with Alfa, are alleged to maintain a highly inappropriate, and even criminal, relationship with Putin, based on criminal interaction dating back to the 1990s. By clear and defamatory implication, CIR 112 purports to tie the Plaintiffs to a Kremlin-orchestrated campaign to interfere in the 2016 U.S. election.

24. The second paragraph of the Detail section alleges that Mr. Fridman "recently met directly with PUTIN" and that "much of the dialogue and business between them was mediated" by Govorun, the former Alfa employee. The paragraph describes Govorun as a "senior Presidential Administration official" who is "trusted by PUTIN:"

during the 1990s GOVORUN had been Head of Government Relations at Alpha Group and in reality the 'driver' and 'bag carrier' used by FRIDMAN and AVEN to deliver large amounts of illicit cash to the Russian president, at that time deputy Mayor of St. Petersburg. Given that and the continuing sensitivity of the PUTIN-Alpha relationship, and need for plausible deniability, much of the contact between them was now indirect and entrusted to the relatively low profile GOVORUN.

25. These allegations are false. Oleg Govorun was not employed by Alfa Bank until after Mr. Putin left St. Petersburg to join the Yeltsin administration in Moscow. The defamatory nature of these allegations, even when read alone, is clear: CIR 112 alleges that, in the 1990s, Alfa (a member of "Alpha Group") and two of its

largest beneficial owners purportedly engaged in acts of criminal bribery of Vladimir Putin, a public official, to secure favorable business treatment.

26. Those statements, considered in the Trump/Russia context of the Dossier as a whole, imply that the alleged improper relationship between Alfa, the Plaintiffs, and Putin, which purportedly started in the 1990s, is currently ongoing, and that Govorun, the alleged “bag carrier” of the 1990s, who is now a senior official in Putin’s administration, serves as the trusted intermediary between the Plaintiffs and Putin in the alleged cooperation of Plaintiffs in the Trump/Russia conspiracy.

27. The third paragraph of the Detail section characterizes the “PUTIN-Alpha relationship as both a carrot and stick:”

Alpha held ‘kompromat’ on PUTIN and his corrupt business activities from the 1990s whilst although not personally overly bothered by Alpha’s failure to reinvest the proceeds of its TNK oil company sales into the Russian economy since, the Russian president was able to use pressure on this count from senior Kremlin colleagues as a lever on FRIDMAN and AVEN to make them do his political bidding.

28. This passage is defamatory in several ways: read in the context of the Dossiser’s Trump/Russia theme, it suggests that Plaintiffs Fridman and Aven use their knowledge of past bribery of Putin—“kompromat”—as a means of criminally extorting continuing favorable treatment for their business interests from his government. It also implies that Alfa and two of its largest beneficial owners, Plaintiffs Fridman and Aven, willingly maintain a close relationship with Putin and cooperated in some unspecified way in the Kremlin’s alleged campaign to interfere in the U.S. election in an effort to avoid retribution from Putin for not reinvesting business proceeds in Russia.

29. The statements about the Plaintiffs in the context of the Dossier as a whole are false, defamatory, and gravely damaging. The statements in the Detail section of CIR 112 about Plaintiffs allege a criminal relationship with Mr. Putin in the 1990s, in addition to and apart from the defamatory implications described above, even if considered independently, raising substantial questions about why these almost twenty-year-old allegations were included by Defendants in a Dossier of “oppo research” about Donald Trump. The statements of CIR 112, published in an unverified report attributed to an anonymous “top level Russian official” of unknown credibility or existence, raise a clear and plausible inference of reckless disregard of truth or falsity by Defendants.

#### CAUSE OF ACTION

30. Plaintiffs repeat and reallege paragraphs 1-29 above.

31. By their direct and intentional publication to third parties such as clients, news media, journalists, and others, and by the foreseeable republication of the Dossier and CIR 112 by someone in that group, the Defendants published to a worldwide public false and defamatory statements concerning Plaintiffs and Alfa, including that:

- (a) they are implicated in the scandalous allegations involving Russia and President Trump referred to in CIR 112 and the other CIRs in the Dossier;
- (b) they and other officials and employees of Alfa “cooperated” with an alleged Kremlin campaign to interfere in the U.S. presidential election;
- (c) they are parties to a highly inappropriate, and even criminal, relationship with Vladimir Putin;

(d) they engaged in acts of criminal bribery of Vladimir Putin, then the Deputy Mayor of St. Petersburg, in the 1990s to secure favorable business treatment; and

(e) they continue to use their knowledge of past bribery of Putin as a means of criminally extorting continuing favorable treatment for their business interests from the Putin government.

32. Readers of the CIRs and Dossier were also led to understand, incorrectly, that as a result of their alleged past—and current—close relationships and corrupt dealings with Mr. Putin, the Plaintiffs and Alfa were and are required to do Putin's bidding, including by cooperating in the Kremlin's alleged efforts to influence the outcome of the recent U.S. presidential election.

33. The false statements by the Defendants referred to above defamed the Plaintiffs and Alfa, and have caused and will continue to cause serious injury to their personal, professional, and institutional reputations.

34. The false and defamatory statements published and republished by the Defendants concerning the Plaintiffs and Alfa, as well as the obvious implications of those statements, were made negligently or with reckless disregard of whether they were true or false.

35. Defendants are liable for the defamation of Plaintiffs and Alfa, and the resulting harm caused by the news media coverage of the Dossier, including the republication by BuzzFeed and countless other media.

**JURY TRIAL DEMANDED**

Plaintiff hereby demands a trial by jury on all issues so triable.



**WHEREFORE**, Plaintiffs Mikhail Fridman, Petr Aven, and German Khan demand judgment against Defendants Bean LLC, Fusion GPS, and Glenn Simpson for:

- a. compensatory damages in an amount to be proved at trial, together with interest and the costs and disbursements of this action, plus reasonable attorneys' fees;
- b. punitive damages in an amount to be determined at trial; and
- c. such other and further relief as this Court may deem just and proper.

Dated: New York, New York  
December 12, 2017

By:                   /s/ Alan S. Lewis                    
Alan S. Lewis, Esq. (#NY0252)  
John J. Walsh, Esq.  
CARTER LEDYARD & MILBURN LLP  
2 Wall Street  
New York, N.Y. 10005  
Telephone: 212-238-8647  
*Counsel for Plaintiffs*  
*Mikhail Fridman, et al.*

*Of Counsel:*

Kim H. Sperduto, Esq. (# 416127)  
SPERDUTO THOMPSON PLC  
1133 Twentieth Street, NW Second Floor  
Washington, D.C. 20036  
Telephone: 202-408-8900

## THIRD PARTY LEGAL SERVICES PAYMENT AGREEMENT

This Third Party Legal Services Payment Agreement (“Agreement”) is made by and between Global Cyber Legal LLC (“COUNSEL”), a Delaware limited liability company, and Georgia Institute of Technology (“THIRD PARTY”), a Georgia public corporation and David Dagon (“CLIENT”), effective \_\_\_\_\_. THIRD PARTY, COUNSEL, and CLIENT shall be collectively referred herein as “the Parties.” The Parties agree as follows:

### 1. Premises.

1.1 COUNSEL is Global Cyber Legal LLC, a law firm providing legal services on civil, criminal, and administrative matters.

1.2 CLIENT is David Dagon, a cybersecurity researcher who is, and at all applicable times has been, an employee of Third Party.

1.3 THIRD PARTY is Georgia Institute of Technology, a public research university and institute of technology in Atlanta, Georgia.

1.4 COUNSEL has been engaged by CLIENT to provide legal assistance (“Services”) with respect to (a) a criminal grand jury investigation (“Investigation”) and subpoenas for documents and testimony, (b) a request from the Assistant United States Attorney that CLIENT provide voluntary cooperation to the Investigation, and (c) expected subpoenas for documents and/or testimony in three civil actions filed by Russian entity AO Alfa Bank and its affiliates and subsidiaries (“Alfa Bank Civil Cases”) involving the research performed by cybersecurity researchers, including CLIENT. The Investigation includes, but is not limited to the investigation conducted by the United States Department of Justice, under the supervision of United States Attorney for the District of Connecticut, John Durham, into the circumstances surrounding the FBI/DOJ and U.S. Government investigation of the relationship between Donald J. Trump, the Trump Organization, the 2016 Trump Campaign, Alfa Bank, and other entities associated with the Russian Federation. The Alfa Bank Civil Cases involve actions and subpoena enforcement actions in the United States, specifically *AO Alfa-Bank v. John Doe, et al.*, 15th Judicial Circuit of Florida, Civ. Action No. 50-2020-CA-006304-XXXX-MB; *AO Alfa-Bank v. John Doe*, Civil Action CI-20-04003, Court of Common Pleas, Lancaster County, Pennsylvania; *Mikhail Fridman v. Bean, LLC*, Dkt. No. 1:17-cv-02041-RJL, U.S.D.C., District of Columbia; and subpoena enforcement action against cybersecurity researcher L. Jean Camp, Monroe County (Indiana) Circuit Court IV, Cause No. 53C04-2009-MI-001613, and similar subpoenas have been issued to various cybersecurity researchers whose research, like that of CLIENT, may have touched upon Alfa Bank.

1.5 CLIENT has retained COUNSEL to represent him personally in connection with these matters which have arisen within the scope of CLIENT’s employment with THIRD PARTY. COUNSEL does not represent THIRD PARTY. Although COUNSEL and THIRD PARTY are presently aligned in their interests, should their respective interests diverge, COUNSEL will represent CLIENT.

1.6 COUNSEL is required to inform and obtain consent from CLIENT regarding any Third Party agreements impacting the scope of representation by applicable ethics rules, ABA Model Rule of Professional Responsibility 1.8(f).

**2. THIRD PARTY Payment Liability and Agreement to Pay.**

THIRD PARTY hereby agrees to pay fees and costs incurred by COUNSEL in performing Services subject to the terms of this Agreement. THIRD PARTY's agreement to pay for Services under this Agreement is limited to COUNSEL's representation of CLIENT with respect to the matters set forth in Paragraph 1.4 of this Agreement. Fees and costs shall not exceed \$200,000 without written authorization by THIRD PARTY.

**3. THIRD PARTY Indemnification and Right to Refuse Payment.**

THIRD PARTY's liability and obligation to pay fees and costs for Services pursuant to this Agreement shall be null and void and it shall have right to indemnification from CLIENT for all fees and costs already paid in connection with Services if it is determined by a court of competent jurisdiction that CLIENT is guilty of criminal conduct with respect to the grand jury investigation.

**4. Duties Owned to Client.**

THIRD PARTY acknowledges and agrees that COUNSEL owes ethical duties to the CLIENT, and that COUNSEL represents CLIENT in these matters. All decisions regarding the legal strategy and status of the matter shall be discussed only with the CLIENT, unless the CLIENT gives COUNSEL express written permission to discuss with THIRD PARTY or Joint Defense Agreement permits such communications and disclosures.

**5. Receipt of Confidential Information / No Waiver of Privilege.**

In addition to the duties in Section 4., THIRD PARTY acknowledges that it will have no right to information regarding the representation, provided however that COUNSEL may, at their sole discretion, share confidential information with THIRD PARTY, and CLIENT may share confidential information with THIRD PARTY at any time particularly for purposes of termination for cause under Section 9. THIRD PARTY acknowledges and agrees that receipt of confidential client information shall not in any way waive any privilege or protection for Client's confidential information, secrets and attorney work-product. Nothing contained herein shall prevent the parties from entering into a separate agreement regarding the sharing of information in pursuance of a joint legal defense.

**6. Attorneys' Fees.**

Legal services will be provided by members of COUNSEL. Attorneys' fees are based on how much time is spent on the applicable matter and by whom. Billing will be in minimum time increments of one-tenth of an hour (.10) even if the actual time expended is less. Hourly rates will be based on Attorneys' then-current rates, but in no case shall exceed three hundred and fifty dollars (\$350) per hour, with travel time billed at one-half of the standard rate.

**7. Costs.**

THIRD PARTY will pay for reasonable costs associated with the representation that COUNSEL incurs in providing the Services. Any cost expected to be over \$2,000 must be approved by THIRD PARTY in advance.

## **8. Billing and Payment.**

COUNSEL will bill THIRD PARTY monthly, which will include reasonable detail as to the services rendered. Statements are due within 30 days of receipt by THIRD PARTY PAYOR. THIRD PARTY shall promptly pay such fees and costs.

## **9. Termination and Withdrawal.**

Any Party may terminate at any time upon written notice to the other Parties, subject to this Section. At termination, all charges are due according to Sections 6 and 7 of this Agreement. On giving or receiving a termination notice, COUNSEL shall cooperate as appropriate in transferring any applicable legal representation to such attorneys as directed by the CLIENT, and otherwise cooperating in winding up any applicable legal services; provided, however, that nothing in this Agreement shall limit the ability of CLIENT from arranging directly with COUNSEL for continued legal services. Unless COUNSEL otherwise agree in writing, on termination they will provide no further services and advance no further costs on behalf of the CLIENT. COUNSEL may terminate this Agreement at any time, subject to the Rules of Professional Conduct as to the termination regarding the CLIENT.

## **10. Disclaimer of Guarantee.**

THIRD PARTY acknowledges that nothing in this Agreement constitutes a promise or guarantee about the outcome of the matter, and that COUNSEL are not making any such promises or guarantees, or otherwise any assurances as to outcome. It is impossible to determine in advance the amount of time that will be needed to complete any particular tasks or the total cost of the engagement, and if COUNSEL provides an estimate of time or costs, it is an estimate only and not a maximum or fixed fee.

## **11. Consent to Electronic Communication.**

The Parties acknowledge that they intend to use common electronic communications technology, including, without limitation, email, cellular telephones, and file-sharing systems such as Google Drive or Drop Box. The current state of communications technology is such that using the aforesaid technology may place confidential or privileged information at risk of inadvertent disclosure. The Parties agree and acknowledge that the convenience and usefulness of such technology outweighs the associated risk, and consents to the use of such technology and assume the risks associated therewith. Additionally, any document related to this Agreement or the performance of the legal services may be transmitted by facsimile or other electronic means.

## **12. General.**

This Agreement is binding on all Parties and each Party's successors, assigns, executors, and administrators. Each Party agrees to execute, with acknowledgment or certification as necessary, all instruments and agreements that are reasonably necessary or convenient in fulfilling the purposes of this Agreement. This Agreement: (1) may be executed in counterparts (including separate signature pages and electronically transmitted copies), each of which shall be deemed an original and all of which shall constitute one and the same agreement; (2) shall be construed under Georgia law without regard to the conflicts-of-law provisions thereof; (3) this Agreement contains the entire agreement among the Parties concerning the subject

matter of this Agreement; and (4) may be amended only by a written instrument signed by the Parties.

This Agreement shall be governed by the laws of the State of Georgia, and the parties agree that venue shall be proper in the Courts of Fulton County, or the United States District Court for the Northern District of Georgia.

If part of this Agreement is for any reason held to be invalid, illegal, or unenforceable, the invalidity, illegality, or unenforceability shall not affect any other provisions, and this Agreement shall be equitably construed as if it did not contain the invalid, illegal, or unenforceable provision.

Each Party executing this Agreement states that they have carefully read this Agreement and know its contents, that their duly authorized counsel has explained this Agreement to them to the extent that they have determined necessary or desirable, that they understand this Agreement, and that they have executed this Agreement voluntarily.

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Tuesday, December 8, 2020 6:01 PM  
**To:** Bryan Webb  
**Cc:** Mark Rasch  
**Subject:** Re: Follow up from Call re Dagon Fee Matter

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Bryan,

To date, Mark has logged 188.3 hours and I have logged 183.4 hours, for a total of 371.7 hours at \$350/hour = \$130,095. Please let me know if you need anything further.

Cheers,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Dec 8, 2020, at 1:31 PM, Bryan Webb <bwebb@law.ga.gov> wrote:

Thank you.

bkw

Bryan Webb  
Deputy Attorney General  
Office of Attorney General Chris Carr  
Government Services & Employment  
Tel: 404-458-3542  
bwebb@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Tuesday, December 8, 2020 1:31 PM  
To: Bryan Webb <bwebb@law.ga.gov>  
Cc: Mark Rasch <rasch@globalcyberlegal.com>  
Subject: Re: Follow up from Call re Dagon Fee Matter

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Yes, will get that to you today. Thanks, Bryan!

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Dec 8, 2020, at 1:27 PM, Bryan Webb <bwebb@law.ga.gov> wrote:

One thing that would be helpful for me:

Could you all give me any idea of the amount of time (hours) that you all have spent on this matter thus far?

bkw

Bryan Webb  
Deputy Attorney General  
Office of Attorney General Chris Carr  
Government Services & Employment  
Tel: 404-458-3542  
bwebb@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>

Sent: Monday, December 7, 2020 11:29 PM

To: Bryan Webb <bwebb@law.ga.gov>

Cc: Mark Rasch <rasch@globalcyberlegal.com>

Subject: Follow up from Call re Dagon Fee Matter

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Bryan,

Thanks so much for taking time to bring us up-to-date just before the Thanksgiving holiday. We hope you had a nice time with your family. We wanted to check in to see if the changes we made to the Third Party Payor Agreement were satisfactory and find out the current status. Can you fill us in or would it be easier to have a short call? Just let us know what is most convenient for you. Thanks so much!

Cheers,

Jody

Jody R Westby, Esq.

Managing Principal

Global Cyber Legal LLC

+1.202.255.2700

westby@globalcyberlegal.com

www.globalcyberlegal.com



---

**From:** Bryan Webb <bwebb@law.ga.gov>  
**Sent:** Tuesday, December 8, 2020 1:26 PM  
**To:** 'Jody R Westby'  
**Cc:** Mark Rasch  
**Subject:** RE: Follow up from Call re Dagon Fee Matter

Sure.

I got an email back from the folks at Tech yesterday and I am going over a few more things with them. My hope is that I can get you more information by end of this week and I will endeavor to do so.

Thanks

bkw

Bryan Webb  
Deputy Attorney General  
Office of Attorney General Chris Carr  
Government Services & Employment  
Tel: 404-458-3542  
bwebb@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Monday, December 7, 2020 11:29 PM  
To: Bryan Webb <bwebb@law.ga.gov>  
Cc: Mark Rasch <rasch@globalcyberlegal.com>  
Subject: Follow up from Call re Dagon Fee Matter

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Bryan,

Thanks so much for taking time to bring us up-to-date just before the Thanksgiving holiday. We hope you had a nice time with your family. We wanted to check in to see if the changes we made to the Third Party Payor Agreement were satisfactory and find out the current status. Can you fill us in or would it be easier to have a short call? Just let us know what is most convenient for you. Thanks so much!

Cheers,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Thursday, December 17, 2020 10:40 AM  
**To:** Bryan Webb  
**Cc:** Mark Rasch  
**Subject:** Status?

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi, Bryan! Mark and I just wanted to check in to see if there has been any advancement re Dagon fee matter. Is there anything else you need from us?

Thanks so much for your assistance with this.

Cheers,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

---

**From:** Mark Rasch <rasch@globalcyberlegal.com>  
**Sent:** Tuesday, December 22, 2020 2:48 PM  
**To:** Jody R Westby; Bryan Webb  
**Subject:** RE: Status?

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Bryan

Just called you (I think it was forwarded to your cell) and left a message. I would like to follow up with you today on the phone to see what the status of this is. Jody and I are really looking forward to resolving this before the end of the year. Let me know when it's a good time to talk, or just call me at the number below.

Merry Christmas and Happy Holidays. I'm sure nothing interesting is happening in Georgia these days.

Mark

---

Mark D. Rasch, Esq.  
Global CyberLegal  
rasch@globalcyberlegal.com  
Tel: (301) 547-6925  
\* Admitted NY, MA, MD

>>> NOTICE: This message (including any attachments) may constitute an attorney-client communication and may contain information that is PRIVILEGED and CONFIDENTIAL and/or ATTORNEY WORK PRODUCT. If you are not an intended recipient, you are hereby notified that any dissemination of this message is strictly prohibited. If you have received this message in error, please do not read, copy or forward this message. Please permanently delete all copies and any attachments and notify the sender immediately by sending an e-mail to rasch@globalcyberlegal.com Thank you

---

**From:** [Jody R Westby](#)  
**Sent:** Thursday, December 17, 2020 10:39 AM  
**To:** [Bryan Webb](#)  
**Cc:** [Mark Rasch](#)  
**Subject:** Status?

Hi, Bryan! Mark and I just wanted to check in to see if there has been any advancement re Dagon fee matter. Is there anything else you need from us?

Thanks so much for your assistance with this.

Cheers,  
Jody

Jody R Westby, Esq.  
Managing Principal

Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

---

**From:** "Mark D. Rasch, Esq." <rasch@globalcyberlegal.com>  
**Sent:** Tuesday, March 2, 2021 12:26 PM  
**To:** bwebb@law.ga.gov  
**Subject:** RE: Follow up from Call re Dagon Fee Matter

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Bryan

Do you have a few minutes to chat today on this never-ending matter? Just want to clarify a few things with respect to Georgia Tech.

Let me know your schedule.. should only take a few minutes...

Mark

On Tue, 8 Dec 2020 18:31:01 +0000, Bryan Webb wrote:

Thank you.

bkw

Bryan Webb  
Deputy Attorney General  
Office of Attorney General Chris Carr  
Government Services & Employment  
Tel: 404-458-3542  
bwebb@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Jody R Westby  
Sent: Tuesday, December 8, 2020 1:31 PM  
To: Bryan Webb

Cc: Mark Rasch  
Subject: Re: Follow up from Call re Dagon Fee Matter

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Yes, will get that to you today. Thanks, Bryan!

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Dec 8, 2020, at 1:27 PM, Bryan Webb wrote:

One thing that would be helpful for me:

Could you all give me any idea of the amount of time (hours) that you all have spent on this matter thus far?

bkw

Bryan Webb  
Deputy Attorney General  
Office of Attorney General Chris Carr  
Government Services & Employment  
Tel: 404-458-3542  
bwebb@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Jody R Westby  
Sent: Monday, December 7, 2020 11:29 PM  
To: Bryan Webb

Cc: Mark Rasch  
Subject: Follow up from Call re Dagon Fee Matter

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Bryan,

Thanks so much for taking time to bring us up-to-date just before the Thanksgiving holiday. We hope you had a nice time with your family. We wanted to check in to see if the changes we made to the Third Party Payor Agreement were satisfactory and find out the current status. Can you fill us in or would it be easier to have a short call? Just let us know what is most convenient for you. Thanks so much!

Cheers,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com



---

**From:** "Mark D. Rasch, Esq." <rasch@globalcyberlegal.com>  
**Sent:** Wednesday, March 3, 2021 1:32 PM  
**To:** bwebb@law.ga.gov  
**Subject:** RE: [SUSPECTED SPAM] Fwd: RE: Payment Issue

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

No problem... call when you can.. 301 547 6925...

go tribe

On Wed, 3 Mar 2021 18:26:18 +0000, Bryan Webb <bwebb@law.ga.gov> wrote:

Hey,

I got your email. Likely I can talk to you a little later today. . .working on something right now. Sorry I did not contact you yesterday. . .this email actually went into my collection of suspected spam and I had to retrieve it this morning. I can probably take a call today on this around 4:30.

Thanks

bkw



**Bryan Webb**  
**Deputy Attorney General**  
**Office of the Attorney General Chris Carr**  
**Government Services & Employment**  
Tel: (404) 458-3542  
bwebb@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia, 30334

---

**From:** "Mark D. Rasch, Esq." <rasch@globalcyberlegal.com>  
**Sent:** Tuesday, March 2, 2021 6:38 PM  
**To:** Bryan Webb <bwebb@law.ga.gov>  
**Subject:** [SUSPECTED SPAM] Fwd: RE: Payment Issue

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Bryan

The attached is what I wanted to discuss with you. Knowing your schedule, I know that evenings are best, but I don't want to intrude on your personal time (remember personal time??) What time is best for us to talk?

Mark Rasch

----- Original Message -----

Subject: RE: Payment Issue

Date: Fri, 26 Feb 2021 20:29:31 +0000

From: "Wasch, Kate" <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>

To: Jody R Westby <[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)>, "Nie, Ling-Ling" <[linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)>

Cc: Mark Rasch <[rasch@globalcyberlegal.com](mailto:rasch@globalcyberlegal.com)>

Dear Jody:

Thanks for your patience, and our apologies for the delay in getting back to you. We have reviewed your request for attorney fees incurred in representing Mr. Dagon in the DOJ investigation. Georgia Tech is willing to pay \$46,462.50, which is 50% of the fees incurred. While your rates may be fair for the market in DC, our normal SAAG rates are closer to \$150 per hour, and that lower rate is what we would have required had Mr. Dagon followed our internal processes for requesting representation. As we noted in previous discussions, he did not engage with our legal team or ask for Georgia Tech's consent when engaging your firm. Under the circumstances, we believe this is a reasonable and fair contribution.

I hope you have a pleasant weekend.

Kate

Kate Wasch  
Chief Counsel  
Employment & Litigation  
Office of Legal Affairs  
Georgia Institute of Technology  
Office (404) 894-4812

Cell (404) 242-4587

Most communications to or from Georgia Tech employees are a public record and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response may be subject to public disclosure.

-----Original Message-----

From: Jody R Westby  
Sent: Tuesday, February 23, 2021 10:27 PM  
To: Nie, Ling-Ling ; Wasch, Kate  
Cc: Mark Rasch  
Subject: Payment Issue

Dear Ling-Ling and Kate,

We are wondering about the status of payment for the legal fees in the David Dagon matter. We understand that the Attorney General's office has no objection to your making this payment. We have served your employee well regarding matters within the scope of his employment and would really like to resolve the payment issue. Can you kindly advise of status?

Thank you.

Best regards,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700

[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)

<https://nam12.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.globalcyberlegal.com%2F&data=04%7C01%7Ckate.wasch%40legal.gatech.edu%7C9816af26608840191a1708d8d87409d6%7C482198bbae7b4b258b7a6d7f32faa083%7C0%7C0%7C637497340809515359%7CUnknown%7CTWFpbGZsb3d8eyJWIjojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IjEhaWwiLCJXVCi6Mn0%3D%7C1000&sdata=8gVx2uQJQUf0GMRd67c5dZXtXZJm4L83JIKqNvDYRcU%3D&reserved=0>

---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Sent:** Friday, March 26, 2021 4:33 PM  
**To:** Jody R Westby; Nie, Ling-Ling  
**Cc:** Mark Rasch; Bryan Webb  
**Subject:** RE: Payment Issue

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Jody, I am sorry that this process is taking so long on our end, but there are a lot of moving parts. We will get back to you next week with some dates and times for a conversation.

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Friday, March 26, 2021 11:36 AM  
To: Wasch, Kate <kate.wasch@legal.gatech.edu>; Nie, Ling-Ling <linglingnie@gatech.edu>  
Cc: Mark Rasch <rasch@globalcyberlegal.com>  
Subject: Re: Payment Issue

Dear Ling-Ling and Kate,  
I am checking in to see if you received my note below. We really need to discuss this with you. Please advise of your availability.  
Thank you,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
<https://nam12.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.globalcyberlegal.com%2F&data=04%7C01%7Ckate.wasch%40legal.gatech.edu%7Cdfedb05101c4a37a20c08d8f06ced2e%7C482198bbae7b4b258b7a6d7f32faa083%7C0%7C0%7C637523697915596757%7CUnknown%7CTWFPbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IklhaWwiLCJXVCI6Mn0%3D%7C1000&msdata=NOeTLAO1LFilBYLagku7tW93qSR3xuA5qLFR3Qh7jm4%3D&amp;reserved=0>

On Mar 23, 2021, at 4:30 PM, Jody R Westby <westby@globalcyberlegal.com> wrote:

Dear Ling-Ling and Kate:  
We would like to schedule a call to discuss payment of fees. We are available:  
Wed the 24th 10:30 a.m. to noon and 4-6 p.m.  
Thursday the 25th morning until noon  
Friday the 26th all day  
Monday the 29th 10:30 a.m to 11:30 a.m. and 3-6 p.m.  
Hopefully, you have an open slot within those windows, otherwise, please let us know when would be convenient.

Thank you,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700

westby@globalcyberlegal.com

<https://nam12.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.globalcyberlegal.com%2F&data=04%7C01%7Ckate.wasch%40legal.gatech.edu%7Cdfeedb05101c4a37a20c08d8f06ced2e%7C482198bbae7b4b258b7a6d7f32faa083%7C0%7C0%7C637523697915596757%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Iik1haWwiLCJXVCi6Mn0%3D%7C1000&msdata=NOeTLAO1LFiBYLagku7tW93qSR3xuA5qLFR3Qh7jm4%3D&mp;reserved=0>

On Mar 10, 2021, at 8:43 PM, Jody R Westby <westby@globalcyberlegal.com> wrote:

Dear Ling-Ling and Kate:

Please see attached letter in response to your email below. Perhaps we should have a call to discuss after you have had time to review it. Thank you.

Cheers,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700

westby@globalcyberlegal.com

<https://nam12.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.globalcyberlegal.com%2F&data=04%7C01%7Ckate.wasch%40legal.gatech.edu%7Cdfeedb05101c4a37a20c08d8f06ced2e%7C482198bbae7b4b258b7a6d7f32faa083%7C0%7C0%7C637523697915596757%7CUnknown%7CTWFpbGZsb3d8eyJWljiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Iik1haWwiLCJXVCi6Mn0%3D%7C1000&msdata=NOeTLAO1LFiBYLagku7tW93qSR3xuA5qLFR3Qh7jm4%3D&mp;reserved=0>

<DAGON - Letter to GaTech Re Legal Fee Offer v5.docx> On Feb 26, 2021, at 3:29 PM, Wasch, Kate <kate.wasch@legal.gatech.edu> wrote:

Dear Jody:

Thanks for your patience, and our apologies for the delay in getting back to you. We have reviewed your request for attorney fees incurred in representing Mr. Dagon in the DOJ investigation. Georgia Tech is willing to pay \$46,462.50, which is 50% of the fees incurred. While your rates may be fair for the market in DC, our normal SAAG rates are closer to \$150 per hour, and that lower rate is what we would have required had Mr. Dagon followed our internal processes for requesting representation. As we noted in previous discussions, he did not engage with our legal team or ask for Georgia Tech's consent when engaging your firm. Under the circumstances, we believe this is a reasonable and fair contribution.

I hope you have a pleasant weekend.

Kate

Kate Wasch  
Chief Counsel  
Employment & Litigation  
Office of Legal Affairs  
Georgia Institute of Technology  
Office (404) 894-4812  
Cell (404) 242-4587

Most communications to or from Georgia Tech employees are a public record and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response may be subject to public disclosure.

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Tuesday, February 23, 2021 10:27 PM  
To: Nie, Ling-Ling <linglingnie@gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>  
Cc: Mark Rasch <rasch@globalcyberlegal.com>  
Subject: Payment Issue

Dear Ling-Ling and Kate,

We are wondering about the status of payment for the legal fees in the David Dagon matter. We understand that the Attorney General's office has no objection to your making this payment. We have served your employee well regarding matters within the scope of his employment and would really like to resolve the payment issue. Can you kindly advise of status?

Thank you.

Best regards,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700

westby@globalcyberlegal.com

<https://nam12.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.globalcyberlegal.com%2F&data=04%7C01%7Ckate.wasch%40legal.gatech.edu%7Cdfeedb05101c4a37a20c08d8f06ced2e%7C482198bbae7b4b258b7a6d7f32faa083%7C0%7C0%7C637523697915596757%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Iik1haWwiLCJXVCI6Mn0%3D%7C1000&data=NOeTLA01LFIlBYLagku7tW93qSR3xuA5qLFR3Qh7jm4%3D&amp;reserved=0>

---

**From:** Mark Rasch <rasch@globalcyberlegal.com>  
**Sent:** Thursday, April 8, 2021 3:03 PM  
**To:** Bryan Webb  
**Subject:** Re: Payment Issue

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

No problem. And by “approved” I simply meant “didn’t object” not that you compelled or authorized it

On Apr 8, 2021, at 2:51 PM, Bryan Webb <bwebb@law.ga.gov> wrote:

I can call you at that number below.

Keep in mind, my role in this has been/is to have answered a simple question on the issue whether the law allowed a payment to be made at all. I saw in a letter you wrote that the AGs office had “approved” payment, but that is a little strong of a word for what my role here has been. I do not approve or disapprove of anything. I give my client legal advice and they make decisions.

I am in the middle of some stuff right now but I will call in a little bit.

Hope you are well.

bkw

<image001.jpg>

**Bryan Webb**  
**Deputy Attorney General**  
**Office of the Attorney General Chris Carr**  
**Government Services & Employment**

<image002.png>

Tel: (404) 458-3542

<image003.png>

bwebb@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia, 30334

---

**From:** Mark Rasch <rasch@globalcyberlegal.com>  
**Sent:** Thursday, April 8, 2021 2:35 PM  
**To:** Bryan Webb <bwebb@law.ga.gov>  
**Subject:** RE: Payment Issue

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Bryan

The issue has still not been resolved. Is there some time we can talk?

Mark

On Mar 3, 2021, at 1:32 PM, Mark D. Rasch, Esq.  
<[rasch@globalcyberlegal.com](mailto:rasch@globalcyberlegal.com)> wrote:

No problem... call when you can.. 301 547 6925...

go tribe

On Wed, 3 Mar 2021 18:26:18 +0000, Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)>  
wrote:

Hey,

I got your email. Likely I can talk to you a little later today. . .working on something right now. Sorry I did not contact you yesterday. . .this email actually went into my collection of suspected spam and I had to retrieve it this morning. I can probably take a call today on this around 4:30.

Thanks

bkw

<image001.jpg>

<image002.png>

<image003.png>

**Bryan Webb**  
Deputy Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
Tel: (404) 458-3542  
[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia, 30334

---

**From:** "Mark D. Rasch, Esq." <[rasch@globalcyberlegal.com](mailto:rasch@globalcyberlegal.com)>  
**Sent:** Tuesday, March 2, 2021 6:38 PM



To: Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)>  
Subject: [SUSPECTED SPAM] Fwd: RE: Payment Issue

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Bryan

The attached is what I wanted to discuss with you. Knowing your schedule, I know that evenings are best, but I don't want to intrude on your personal time (remember personal time??) What time is best for us to talk?

Mark Rasch

----- Original Message -----

Subject: RE: Payment Issue

Date: Fri, 26 Feb 2021 20:29:31 +0000

From: "Wasch, Kate" <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>

To: Jody R Westby <[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)>, "Nie, Ling-Ling" <[linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)>

Cc: Mark Rasch <[rasch@globalcyberlegal.com](mailto:rasch@globalcyberlegal.com)>

Dear Jody:

Thanks for your patience, and our apologies for the delay in getting back to you. We have reviewed your request for attorney fees incurred in representing Mr. Dagon in the DOJ investigation. Georgia Tech is willing to pay \$46,462.50, which is 50% of the fees incurred. While your rates may be fair for the market in DC, our normal SAAG rates are closer to \$150 per hour, and that lower rate is what we would have required had Mr. Dagon followed our internal processes for requesting representation. As we noted in previous discussions, he did not engage with our legal team or ask for Georgia Tech's consent when engaging your firm. Under the circumstances, we believe this is a reasonable and fair contribution.

I hope you have a pleasant weekend.

Kate

Kate Wasch  
Chief Counsel  
Employment & Litigation  
Office of Legal Affairs  
Georgia Institute of Technology

Office (404) 894-4812  
Cell (404) 242-4587

Most communications to or from Georgia Tech employees are a public record and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response may be subject to public disclosure.

-----Original Message-----

From: Jody R Westby  
Sent: Tuesday, February 23, 2021 10:27 PM  
To: Nie, Ling-Ling ; Wasch, Kate  
Cc: Mark Rasch  
Subject: Payment Issue

Dear Ling-Ling and Kate,  
We are wondering about the status of payment for the legal fees in the David Dagon matter. We understand that the Attorney General's office has no objection to your making this payment. We have served your employee well regarding matters within the scope of his employment and would really like to resolve the payment issue. Can you kindly advise of status?  
Thank you.  
Best regards,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)  
<https://nam12.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.globalcyberlegal.com%2F&data=04%7C01%7Ckate.wasch%40legal.gatech.edu%7C9816af26608840191a1708d8d87409d6%7C482198bbae7b4b258b7a6d7f32faa083%7C0%7C0%7C637497340809515359%7CUnknown%7CTWFpbGZsb3d8eyJWljoIMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikk1haWwiLCJXVCi6Mn0%3D%7C1000&sdata=8gVx2uQJQUf0GMRd67c5dZXtXZJm4L83JIKqNvDYRcU%3D&reserved=0>

---

**From:** Olens, Samuel S. <samuel.olens@dentons.com>  
**Sent:** Monday, January 10, 2022 10:32 AM  
**To:** Bryan Webb  
**Subject:** RE: Global Cyber and Professor Dagon

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Bryan. Happy new year.

I am just checking in for a status.

Special counsel has contacted counsel in D.C. There is a May trial date.

Thanks.

Sam

 Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108  
[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)  
[Bio](#) | [Website](#)

Dentons US LLP

[Fernanda Lopes & Asociados](#) > [Guevara & Gutierrez](#) > [Paz Horowitz Abogados](#) > [Sirote](#) > [Adepetun Caxton-Martins Agbor & Segun](#) > [Davis Brown](#) > [East African Law Chambers](#) > [Eric Silwamba, Jalasi and Linyama](#) > [Durham Jones & Pinegar](#) > [LEAD Advogados](#) > [Rattagan Macchiavello Arocena](#) > [Jiménez de Aréchaga, Viana & Brause](#) > [Lee International](#) > [Kensington Swan](#) > [Bingham Greenebaum](#) > [Cohen & Grigsby](#) > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://www.dentons.com) for Legal Notices.

---

**From:** Olens, Samuel S. <samuel.olens@dentons.com>  
**Sent:** Tuesday, December 28, 2021 9:02 AM  
**To:** Bryan Webb <bwebb@law.ga.gov>  
**Subject:** Re: Global Cyber and Professor Dagon

Thanks Bryan.

I hope you and your family had a great Christmas.

Enjoy some time off.

Sam

Sam Olens

Sent from my iPhone

On Dec 28, 2021, at 8:59 AM, Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)> wrote:

**[WARNING: EXTERNAL SENDER]**

---

Good morning!

I apologize. This came in when I was out for a bit and I meant to send you a message yesterday but catching up with the emails got me behind a little.

I am discussing this internally this week here at the Law Department and I will need to get with the folks at Tech. My guess is most of them are out for the holiday until next week, but after I get a chance to discuss with them and internally and determine who will be the point person on this matter, I will get back to you.

Even if it is in the context of a representation letter it is always good to hear from you Mr. Olens. I hope that you and your family had a nice holiday and that you are all well in the New Year!

Give me a little time and I will be back in touch. Thanks.

bkw



**Bryan Webb**  
Deputy Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3542  
[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Olens, Samuel S. <[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)>

**Sent:** Thursday, December 23, 2021 12:19 PM

**To:** Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)>

**Subject:** Global Cyber and Professor Dagon

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

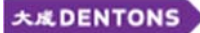
Good afternoon Bryan.

Any idea when I might hear back from you?

Have a great Christmas holiday.

Thank you.

Sam



Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108  
samuel.olens@dentons.com  
Bio | Website

Dentons US LLP

Fernanda Lopes & Asociados > Guevara & Gutierrez > Paz Horowitz Abogados > Sirote > Adepetun Caxton-Martins Agbor & Segun > Davis Brown > East African Law Chambers > Eric Silwamba, Jalasi and Linyama > Durham Jones & Pinegar > LEAD Advogados > Rattagan Macchiavello Arocena > Jiménez de Aréchaga, Viana & Brause > Lee International > Kensington Swan > Bingham Greenebaum > Cohen & Grigsby > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://www.dentons.com) for Legal Notices.

---

**From:** Olens, Samuel S. <samuel.olens@dentons.com>  
**Sent:** Tuesday, January 11, 2022 4:52 PM  
**To:** Bryan Webb  
**Subject:** RE: Global Cyber and Professor Dagon

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks Bryan. I'm good from 11-1 and 4-6 on Thursday.

Thanks.

Sam

 Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108  
[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)  
[Bio](#) | [Website](#)

Dentons US LLP

[Fernanda Lopes & Asociados](#) > [Guevara & Gutierrez](#) > [Paz Horowitz Abogados](#) > [Sirote](#) > [Adepetun Caxton-Martins Agbor & Segun](#) > [Davis Brown](#) > [East African Law Chambers](#) > [Eric Silwamba, Jalasi and Linyama](#) > [Durham Jones & Pinegar](#) > [LEAD Advogados](#) > [Rattagan Macchiavello Arocena](#) > [Jiménez de Aréchaga, Viana & Brause](#) > [Lee International](#) > [Kensington Swan](#) > [Bingham Greenebaum](#) > [Cohen & Grigsby](#) > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://www.dentons.com) for Legal Notices.

---

**From:** Bryan Webb <bwebb@law.ga.gov>  
**Sent:** Tuesday, January 11, 2022 1:03 PM  
**To:** Olens, Samuel S. <samuel.olens@dentons.com>  
**Subject:** RE: Global Cyber and Professor Dagon

**[WARNING: EXTERNAL SENDER]**

---

Good afternoon,

I was out at a hearing yesterday. I have spoken to the folks at Tech about the letter and I am waiting on some information from Division 2 over here.

Do you want to set up a time to talk maybe tomorrow or Thursday afternoon? I have scheduled meetings all day tomorrow and in the morning on Thursday. But I want to go ahead and have a call with you prior to sending out a formal letter response.

Thanks

bkw



**Bryan Webb**  
Deputy Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3542  
[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Olens, Samuel S. <[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)>  
**Sent:** Monday, January 10, 2022 10:32 AM  
**To:** Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)>  
**Subject:** RE: Global Cyber and Professor Dagon

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Bryan. Happy new year.

I am just checking in for a status.

Special counsel has contacted counsel in D.C. There is a May trial date.

Thanks.

Sam

 **Samuel S. Olens**

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108  
[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)  
[Bio](#) | [Website](#)

Dentons US LLP

[Fernanda Lopes & Asociados](#) > [Guevara & Gutierrez](#) > [Paz Horowitz Abogados](#) > [Sirote](#) > [Adepetun Caxton-Martins Agbor & Segun](#) > [Davis Brown](#) > [East African Law Chambers](#) > [Eric Silwamba, Jalasi and Linyama](#) > [Durham Jones & Pinegar](#) > [LEAD Advogados](#) > [Rattagan Macchiavello Arocena](#) > [Jiménez de Aréchaga, Viana & Brause](#) > [Lee International](#) > [Kensington Swan](#) > [Bingham](#)

Greenebaum > Cohen & Grigsby > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://www.dentons.com) for Legal Notices.

---

**From:** Olens, Samuel S. <[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)>  
**Sent:** Tuesday, December 28, 2021 9:02 AM  
**To:** Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)>  
**Subject:** Re: Global Cyber and Professor Dagon

Thanks Bryan.

I hope you and your family had a great Christmas.

Enjoy some time off.

Sam

Sam Olens

Sent from my iPhone

On Dec 28, 2021, at 8:59 AM, Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)> wrote:

**[WARNING: EXTERNAL SENDER]**

---

Good morning!

I apologize. This came in when I was out for a bit and I meant to send you a message yesterday but catching up with the emails got me behind a little.

I am discussing this internally this week here at the Law Department and I will need to get with the folks at Tech. My guess is most of them are out for the holiday until next week, but after I get a chance to discuss with them and internally and determine who will be the point person on this matter, I will get back to you.

Even if it is in the context of a representation letter it is always good to hear from you Mr. Olens. I hope that you and your family had a nice holiday and that you are all well in the New Year!

Give me a little time and I will be back in touch. Thanks.

bkw





**Bryan Webb**  
Deputy Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3542  
[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Olens, Samuel S. <[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)>

**Sent:** Thursday, December 23, 2021 12:19 PM

**To:** Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)>

**Subject:** Global Cyber and Professor Dagon

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon Bryan.

Any idea when I might hear back from you?

Have a great Christmas holiday.

Thank you.

Sam



Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108  
[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)  
Bio | Website

Dentons US LLP

Fernanda Lopes & Asociados > Guevara & Gutierrez > Paz Horowitz Abogados > Sirote > Adepetun Caxton-Martins Agbor & Segun > Davis Brown > East African Law Chambers > Eric Silwamba, Jalasi and Linyama > Durham Jones & Pinegar > LEAD Advogados > Rattagan Macchiavello Arocena > Jiménez de Aréchaga, Viana & Brause > Lee International > Kensington Swan > Bingham Greenebaum > Cohen & Grigsby > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://www.dentons.com) for Legal Notices.

---

**From:** bwebb@law.ga.gov  
**Sent:** Thursday, January 13, 2022 12:56 PM  
**To:** samuel.olens@dentons.com  
**Subject:** RE: Global Cyber and Professor Dagon

My hope is to give you a call here a little after 2:30.

I am in intern interviews up until around 2:00 and based on your email from the other day, I was thinking that would be a good time.

Thanks

bkw

Bryan Webb  
Deputy Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3542  
mailto:bwebb@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Olens, Samuel S. <samuel.olens@dentons.com>  
Sent: Thursday, January 13, 2022 12:34 PM  
To: Bryan Webb <bwebb@law.ga.gov>  
Subject: Re: Global Cyber and Professor Dagon

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Bryan, I never heard back from you.

When should we touch base?

Thanks.

Sam Olens

Sent from my iPhone

[[http://logo.dentons.com/dentons\\_logo.png](http://logo.dentons.com/dentons_logo.png)]

Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108

[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)<<mailto:samuel.olens@dentons.com>>

Bio<<http://www.dentons.com/ch.aspx?email=samuel.olens@dentons.com&action=biolink>> |

Website<<http://www.dentons.com>>

Dentons US LLP

Fernanda Lopes & Asociados > Guevara & Gutierrez > Paz Horowitz Abogados > Sirote > Adepetun Caxton-Martins Agbor & Segun > Davis Brown > East African Law Chambers > Eric Silwamba, Jalasi and Linyama > Durham Jones & Pinegar > LEAD Advogados > Rattagan Macchiavello Arocena > Jimenez de Archaga, Viana & Brause > Lee International > Kensington Swan > Bingham Greenebaum > Cohen & Grigsby > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](http://dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](http://dentons.com) for Legal Notices.

> On Jan 11, 2022, at 4:51 PM, Olens, Samuel S. <[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)> wrote:

>

---

**From:** Olens, Samuel S. <samuel.olens@dentons.com>  
**Sent:** Friday, January 21, 2022 4:21 PM  
**To:** Bryan Webb  
**Subject:** RE: Global Cyber and Professor Dagon

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Bryan.

I am just checking if you are closer for us to talk?

Thank you!

Sam

 Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108  
[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)  
[Bio](#) | [Website](#)

Dentons US LLP

Fernanda Lopes & Asociados > Guevara & Gutierrez > Paz Horowitz Abogados > Sirote > Adepetun Caxton-Martins Agbor & Segun > Davis Brown > East African Law Chambers > Eric Silwamba, Jalasi and Linyama > Durham Jones & Pinegar > LEAD Advogados > Rattagan Macchiavello Arocena > Jiménez de Aréchaga, Viana & Brause > Lee International > Kensington Swan > Bingham Greenebaum > Cohen & Grigsby > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://www.dentons.com) for Legal Notices.

---

**From:** Bryan Webb <bwebb@law.ga.gov>  
**Sent:** Tuesday, January 11, 2022 1:03 PM  
**To:** Olens, Samuel S. <samuel.olens@dentons.com>  
**Subject:** RE: Global Cyber and Professor Dagon

**[WARNING: EXTERNAL SENDER]**

---

Good afternoon,

I was out at a hearing yesterday. I have spoken to the folks at Tech about the letter and I am waiting on some information from Division 2 over here.

Do you want to set up a time to talk maybe tomorrow or Thursday afternoon? I have scheduled meetings all day tomorrow and in the morning on Thursday. But I want to go ahead and have a call with you prior to sending out a formal letter response.

Thanks

bkw



**Bryan Webb**  
Deputy Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3542  
[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Olens, Samuel S. <[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)>  
**Sent:** Monday, January 10, 2022 10:32 AM  
**To:** Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)>  
**Subject:** RE: Global Cyber and Professor Dagon

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Bryan. Happy new year.

I am just checking in for a status.

Special counsel has contacted counsel in D.C. There is a May trial date.

Thanks.

Sam

 Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108  
[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)  
Bio | Website

Dentons US LLP

Fernanda Lopes & Asociados > Guevara & Gutierrez > Paz Horowitz Abogados > Sirote > Adepetun Caxton-Martins Agbor & Segun > Davis Brown > East African Law Chambers > Eric Silwamba, Jalasi and Linyama > Durham Jones & Pinegar > LEAD Advogados > Rattagan Macchiavello Arocena > Jiménez de Aréchaga, Viana & Brause > Lee International > Kensington Swan > Bingham Greenebaum > Cohen & Grigsby > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://www.dentons.com) for Legal Notices.

---

**From:** Olens, Samuel S. <[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)>

**Sent:** Tuesday, December 28, 2021 9:02 AM

**To:** Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)>

**Subject:** Re: Global Cyber and Professor Dagon

Thanks Bryan.

I hope you and your family had a great Christmas.

Enjoy some time off.

Sam

Sam Olens

Sent from my iPhone

On Dec 28, 2021, at 8:59 AM, Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)> wrote:

**[WARNING: EXTERNAL SENDER]**

---

Good morning!

I apologize. This came in when I was out for a bit and I meant to send you a message yesterday but catching up with the emails got me behind a little.

I am discussing this internally this week here at the Law Department and I will need to get with the folks at Tech. My guess is most of them are out for the holiday until next week, but after I get a chance to discuss with them and internally and determine who will be the point person on this matter, I will get back to you.

Even if it is in the context of a representation letter it is always good to hear from you Mr. Olens. I hope that you and your family had a nice holiday and that you are all well in the New Year!

Give me a little time and I will be back in touch. Thanks.

bkw



**Bryan Webb**  
Deputy Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3542  
[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Olens, Samuel S. <[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)>  
**Sent:** Thursday, December 23, 2021 12:19 PM  
**To:** Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)>  
**Subject:** Global Cyber and Professor Dagon

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon Bryan.

Any idea when I might hear back from you?

Have a great Christmas holiday.

Thank you.

Sam

 Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108  
[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)  
[Bio](#) | [Website](#)

Dentons US LLP

[Fernanda Lopes & Asociados](#) > [Guevara & Gutierrez](#) > [Paz Horowitz Abogados](#) > [Sirote](#) > [Adepetun Caxton-Martins Agbor & Segun](#) > [Davis Brown](#) > [East African Law Chambers](#) > [Eric Silwamba, Jalasi and Linyama](#) > [Durham Jones & Pinegar](#) > [LEAD Advogados](#) > [Rattagan Macchiavello Arocena](#) > [Jiménez de Aréchaga, Viana & Brause](#) > [Lee International](#) > [Kensington Swan](#) > [Bingham Greenebaum](#) > [Cohen & Grigsby](#) > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure,

copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system.  
Please see [dentons.com](http://dentons.com) for Legal Notices.



---

**From:** bwebb@law.ga.gov  
**Sent:** Tuesday, February 8, 2022 12:44 PM  
**To:** samuel.olens@dentons.com  
**Subject:** Dagon Matter Offer of Settlement

Please accept this offer for settlement of this issue from my client, Georgia Tech.

Tech will agree to pay \$83,573.00 for past services. For future services on behalf of Mr. Dagon, Tech will agree to pay the rate of \$350.00/hour with a monthly billable cap of 25 hours. This would be a maximum of \$8,750.00 billed each month as the matter goes forward. This would continue until the combined total for past services and any future services reaches the amount of \$150,000.00.

I look forward to hearing back from you.

bkw



**Bryan Webb**  
**Deputy Attorney General**  
**Office of the Attorney General Chris Carr**  
**Government Services & Employment**  
(404) 458-3542  
bwebb@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** bwebb@law.ga.gov  
**Sent:** Thursday, February 10, 2022 10:07 AM  
**To:** samuel.olens@dentons.com  
**Subject:** RE: Dagon Matter Offer of Settlement

Thanks.

I will direct this to Tech.

Please let me know what bar rule that I may be violating and I will look into it and remedy.

bkw



**Bryan Webb**  
Deputy Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3542  
bwebb@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Olens, Samuel S. <samuel.olens@dentons.com>  
**Sent:** Thursday, February 10, 2022 9:27 AM  
**To:** Bryan Webb <bwebb@law.ga.gov>  
**Subject:** RE: Dagon Matter Offer of Settlement

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Bryan.

In a last attempt to avoid a suit and accompanying media attention, I once again respectfully request 1) the hourly rate of other retained counsel for this federal investigation, 2) all records previously given to third parties and not shared with the Professor's counsel despite open records requests and 3) a meeting with President Cabrera.

The most recent offer again violates Bar rules regarding representation of a client.

Thank you.

Sam

 **Samuel S. Olens**

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations,

Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108  
samuel.olens@dentons.com  
Bio | Website

Dentons US LLP

Fernanda Lopes & Asociados > Guevara & Gutierrez > Paz Horowitz Abogados > Sirote > Adepetun Caxton-Martins Agbor & Segun > Davis Brown > East African Law Chambers > Eric Silwamba, Jalasi and Linyama > Durham Jones & Pinegar > LEAD Advogados > Rattagan Macchiavello Arocena > Jiménez de Aréchaga, Viana & Brause > Lee International > Kensington Swan > Bingham Greenebaum > Cohen & Grigsby > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://www.dentons.com) for Legal Notices.

---

**From:** Olens, Samuel S. <[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)>  
**Sent:** Tuesday, February 08, 2022 1:35 PM  
**To:** Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)>  
**Subject:** Re: Dagon Matter Offer of Settlement

Bryan, I am not in to formality. And frankly, such formality would not be helpful.

Thanks.

Sam Olens

Sent from my iPhone

On Feb 8, 2022, at 1:32 PM, Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)> wrote:

[WARNING: EXTERNAL SENDER]

Thanks.

Do you mind if I forward them your response below or wait for a more formal one?

Hope all is well.

bkw

Bryan Webb  
Deputy Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3542  
[mailto:bwebb@law.ga.gov](mailto:mailto:bwebb@law.ga.gov)

Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Olens, Samuel S. <[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)>  
Sent: Tuesday, February 8, 2022 1:17 PM  
To: Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)>  
Subject: Re: Dagon Matter Offer of Settlement

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Bryan, very disappointing.

They are paying other counsel much more who have done much less.

I expect suit will be filed.

Thank you.

Sam Olens

Sent from my iPhone

[[http://logo.dentons.com/dentons\\_logo.png](http://logo.dentons.com/dentons_logo.png)]

Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108

[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)<<mailto:samuel.olens@dentons.com>>

Bio<<http://www.dentons.com/ch.aspx?email=samuel.olens@dentons.com&action=biolink>> |

Website<<http://www.dentons.com>>

Dentons US LLP

Fernanda Lopes & Asociados > Guevara & Gutierrez > Paz Horowitz Abogados > Sirote > Adepetun  
Caxton-Martins Agbor & Segun > Davis Brown > East African Law Chambers > Eric Silwamba, Jalasi and  
Linyama > Durham Jones & Pinegar > LEAD Advogados > Rattagan Macchiavello Arocena > Jiménez de

Aréchaga, Viana & Brause > Lee International > Kensington Swan > Bingham Greenebaum > Cohen & Grigsby > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://www.dentons.com) for Legal Notices.

On Feb 8, 2022, at 12:44 PM, Bryan Webb <[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)> wrote:

[WARNING: EXTERNAL SENDER]

---

Please accept this offer for settlement of this issue from my client, Georgia Tech.

Tech will agree to pay \$83,573.00 for past services. For future services on behalf of Mr. Dagon, Tech will agree to pay the rate of \$350.00/hour with a monthly billable cap of 25 hours. This would be a maximum of \$8,750.00 billed each month as the matter goes forward. This would continue until the combined total for past services and any future services reaches the amount of \$150,000.00.

I look forward to hearing back from you.

bkw

[cid:image001.jpg@01D81CE9.8DF63430]<<http://law.ga.gov>>

[Facebook]<<http://www.facebook.com/GeorgiaAttorneyGeneral>>

[Twitter]<[http://www.twitter.com/georgia\\_ag](http://www.twitter.com/georgia_ag)>

Bryan Webb  
Deputy Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3542  
[bwebb@law.ga.gov](mailto:bwebb@law.ga.gov)  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Olens, Samuel S. <samuel.olens@dentons.com>  
**Sent:** Tuesday, March 1, 2022 8:45 PM  
**To:** bwebb@law.ga.gov  
**Subject:** Attorney's bill  
**Attachments:** DAGON - INVOICE TO GT 2-28-22.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

An FYI.

Thank you.

Sam

 Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108  
samuel.olens@dentons.com  
Bio | Website

Dentons US LLP

Fernanda Lopes & Asociados > Guevara & Gutierrez > Paz Horowitz Abogados > Sirote > Adepetun Caxton-Martins Agbor & Segun > Davis Brown > East African Law Chambers > Eric Silwamba, Jalasi and Linyama > Durham Jones & Pinegar > LEAD Advogados > Rattagan Macchiavello Arocena > Jiménez de Aréchaga, Viana & Brause > Lee International > Kensington Swan > Bingham Greenebaum > Cohen & Grigsby > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://www.dentons.com) for Legal Notices.

---

**From:** Olens, Samuel S. <samuel.olens@dentons.com>  
**Sent:** Tuesday, July 12, 2022 11:27 AM  
**To:** Bryan Webb  
**Subject:** Re: Global Cyber & Dagon  
**Attachments:** image002.jpg; image003.png; image004.png; image005.png; image002.jpg;  
image003.png; image004.png; image005.png

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks Bryan. Have a nice day.

Sam Olens

Sent from my iPhone

[[http://logo.dentons.com/dentons\\_logo.png](http://logo.dentons.com/dentons_logo.png)]

Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108

[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)<<mailto:samuel.olens@dentons.com>>

Bio<<http://www.dentons.com/ch.aspx?email=samuel.olens@dentons.com&action=biolink>> |

Website<<http://www.dentons.com>>

Dentons US LLP

LuatViet > Fernanda Lopes & Associados > Guevara & Gutierrez > Paz Horowitz Abogados > Sirote > Adepetun Caxton-Martins Agbor & Segun > Davis Brown > East African Law Chambers > Eric Silwamba, Jalasi and Linyama > Durham Jones & Pinegar > LEAD Advogados > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](http://dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](http://dentons.com) for Legal Notices.

On Jul 12, 2022, at 5:00 PM, Bryan Webb <bwebb@law.ga.gov> wrote:

[WARNING: EXTERNAL SENDER]

---

Good morning,

Thanks. . .I was out on leave and just wanted you to know I received this and will take a look at it.

Thanks

bkw

[image002.jpg]<<http://law.ga.gov>>

[image003.png]<<http://www.facebook.com/GeorgiaAttorneyGeneral>>

[image004.png]<[http://www.twitter.com/georgia\\_ag](http://www.twitter.com/georgia_ag)>

Bryan Webb  
Deputy Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3542  
bwebb@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

From: Olens, Samuel S. <[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)>  
Sent: Thursday, July 7, 2022 4:16 PM  
To: Bryan Webb <bwebb@law.ga.gov>  
Subject: Global Cyber & Dagon

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Bryan, please see attached additional background information.

Thank you!



Sam  
[image005.png]

Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108  
samuel.olens@dentons.com<mailto:samuel.olens@dentons.com>  
Bio<<http://www.dentons.com/ch.aspx?email=samuel.olens@dentons.com&action=biolink>> |  
Website<<http://www.dentons.com>>

Dentons US LLP

LuatViet > Fernanda Lopes & Associados > Guevara & Gutierrez > Paz Horowitz Abogados > Sirote > Adepetun Caxton-  
Martins Agbor & Segun > Davis Brown > East African Law Chambers > Eric Silwamba, Jalasi and Linyama > Durham Jones  
& Pinegar > LEAD Advogados > For more information on the firms that have come together to form Dentons, go to  
[dentons.com/legacyfirms](http://dentons.com/legacyfirms)<<http://dentons.com/legacyfirms>>

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](http://dentons.com) for Legal Notices.

July 7, 2022

Bryan Webb, Esq.  
Deputy Attorney General  
Office of Attorney General Chris Carr  
Government Services & Employment  
State of Georgia  
40 Capitol Square SW  
Atlanta, GA 30334

RE: David Dagon DOAS Claim for Legal Fees Associated with Criminal Investigation

Dear Bryan:

As you know, I have submitted a claim with the Department of Administrative Services (“DOAS”) on behalf of David Dagon for payment of his legal fees associated with the Durham investigation. Under the DOAS General Liability Contract (“Contract”) Section A. 1., Mr. Dagon is a “covered party” eligible for payment of legal fees under Section B. SUPPLEMENTARY PAYMENTS, Reimbursement for Legal Fees for Criminal Defense. That section states:

DOAS will reimburse any eligible Covered Party (as specified in O.C.G.A. §45-9-1) for reasonable legal fees and other expense incurred in the successful defense of a criminal action directly related to the performance of the Covered Party’s official duties, **provided the legal fees and the other expenses are approved by the Attorney General of the State of Georgia.** (emphasis added)

Section F. CONDITIONS, 12. Reimbursement of Expenses states in part:

Reasonable reimbursement of expenses incurred by a Covered Party at the request of the Attorney General or DOAS in the investigation or defense of any claim or “lawsuit” will be paid for the Covered Party.

### **Reasonableness of Fees**

One important question is whether or not the fees charged by Global Cyber Legal (“GCL”), Mr. Dagon’s counsel, are, in fact, “reasonable.” This was an extremely high-profile matter that involved some of the country’s top white collar criminal counsel, many of whom charge over \$1,000 per hour. GCL’s hourly rate of \$395/hour is not only “reasonable,” but it represents a

substantial discount over its normal hourly rate of \$595/hour. Additionally, GCL further discounted its rate to the State of Georgia to \$350/hour. Moreover, it is significantly less than the \$770/hour charged (and paid by Georgia Tech) by Washington, D.C. criminal counsel for representation of Georgia Tech employee Manos Antonakakis in the same proceedings.

According to the most recent report by the Georgia Attorney General, the Attorney General's Office reimbursed attorneys representing the Board of Regents for the Georgia Institute of Technology who were appointed as SAAG's more than the rate that we have requested. For example, Derin Dickerson (construction lawyer) was reimbursed at a rate of \$550/hour, John Hutchins (intellectual property attorney) at \$525/hour, Petrina McDaniel (Patton Boggs class action litigator) at \$695/hour, and Christine Savage (King and Spalding, export attorney) at \$495/hour – all for their work as Special Assistant Attorney's General working on behalf of Georgia Tech. Moreover, when the Georgia Attorney General's Office is a "prevailing party" in a case in which a statute authorizes the payment of attorney's fees, these fees are paid at the "fair market rate for an attorney with similar experience for this type of litigation."

### **Approaches to Determining Reasonableness**

While there is no established method of determining reasonableness of fees in criminal matters, in civil cases, Georgia courts have looked the "lodestar" test prescribed by the Third Circuit, the Fifth Circuit's "twelve-factor method," or the "percentage of a fund" method to determine whether fees are reasonable. This is not a common fund case, so that method is inapplicable, but the lodestar and twelve factors do provide guidance when considering reasonableness.

The Georgia Court of Appeals noted:

"Under ... the 'lodestar' method of computing fees, a trial court must multiply the number of hours reasonably spent by trial counsel by a reasonable hourly rate. This figure can then be adjusted upward or downward for certain factors known as multipliers, such as contingency and the quality of the work performed, to arrive at a final fee."

*Friedrich v. Fidelity Nat. Bank*, 247 Ga. App. 704, 706 (545 SE2d 107) (2001), cited in *Cajun Contractors v. Peachtree Prop. Sub, LLC*, 360 Ga. App. 390, 407, 861 S.E.2d 222, 240 (2021), Ga. App. LEXIS 366, \*35, 2021 WL 2678343.

The Fifth Circuit's twelve factors are:

1. Time and labor required
2. Novelty and difficulty of the questions
3. Skill requisite to perform the legal services properly
4. Preclusion of other employment by the attorney due to acceptance of the case
5. Customary fee
6. Whether the fee is fixed or contingent
7. Time limitations imposed by the client or the circumstances

8. Amount involved and the results obtained
9. Experience, reputation, and ability of the attorneys
10. “Undesirability” of the case
11. Nature and length of the professional relationship with the client
12. Awards in similar cases.

*Johnson v. Georgia Highway Express, Inc.*, 488 F.2d 714, 717-19 (1974).

Some of the foregoing factors are obviously inapplicable in a criminal case. The *Friedrich* court noted that, “under both the ‘lodestar’ and twelve-factor methods, the ‘most heavily weighted’ criteria are the ‘time and labor required.’” The facts of this matter have been applied to the twelve factors above:

1. **Time and labor required.** A total of 1245.5 hours was required to represent Mr. Dagon in this matter over a two year period. Only two attorneys were involved: Jody Westby and Mark Rasch.
2. **Novelty and difficulty of the questions.** The case raised difficult issues regarding how the domain name system (DNS) works, how data is collected and replicated globally among DNS providers, the types of traffic records in DNS data (that can be indicators of purpose), who has access to such data, whether such access violates wiretap, pen register, or stored communications laws, how it is analyzed, whether it can be spoofed or generated, etc.
3. **Skill requisite to perform the legal services properly.** Representation of Mr. Dagon in this matter required both criminal defense and communications traffic expertise and how such traffic data is used by cybersecurity researchers. Mr. Rasch and Ms. Westby have the blend of experience necessary to represent Mr. Dagon in this matter, which is why he selected them. Mr. Rasch worked at Department of Justice prosecuting criminal and cybercrime cases for a decade, and Ms. Westby advised the U.S. Government for eight years on the legal use of communications traffic data by cybersecurity researchers, and published two books on the subject, funded by the U.S. Government.
4. **Preclusion of other employment by the attorney due to acceptance of the case.** This matter required nearly full time attention during peak periods of activity, which prevented Mr. Rasch and Ms. Westby from taking on additional work during those periods.
5. **Customary fee.** \$595/hour, discounted to State of Georgia to \$350/hour.
6. **Whether the fee is fixed or contingent.** Not applicable in criminal matter.
7. **Time limitations imposed by the client or the circumstances.** Counsel for Mr. Dagon was handicapped by Georgia Tech’s refusal to enter into a joint defense agreement, even though any criminality by an employee acting in the scope of employment would be attributable to them. Moreover, Georgia Tech refused to share subpoenas they received or documents that they produced. This required GCL to coordinate extensively with joint defense counsel, all of whom were coordinating and cooperating with each other, in order

to maintain an understanding of where the case was going and knowledge of what had been produced.

- 8. Amount involved and the results obtained.** The amount of time (1245.5 hours) was very reasonable in light of the fact that GCL was able to obtain full statutory immunity for Mr. Dagon, which resulted in him having to prepare for and meet multiple times with the prosecutor and his team and testify before the grand jury on three days. GCL and Mr. Dagon drew upon their expertise in the meetings with prosecutors to educate them on DNS data and other theories the prosecutor was exploring, which caused the prosecutor to drop allegations that the data was false. This substantially reduced criminal exposure to Georgia Tech. In addition, the prosecutor pressured Mr. Dagon on numerous occasions, threatening him with prosecution for perjury if he did not answer in a way that fit the prosecutor's narrative. GCL strongly defended Mr. Dagon against these tactics, including writing a letter to Mr. Durham and the Attorney General Merrick Garland. Mr. Dagon was not charged with perjury. The case involved the review of tens of thousands of pages of documents, and analysis of forensic reports, reviews of articles about the researchers' work, analysis of potential expert witnesses, review of grand jury testimony and documents, and coordination with joint defense counsel.
- 9. Experience, reputation, and ability of the attorneys.** As noted above, Rasch and Westby have a combined 60 years of experience directly relevant to the criminal investigation. The combined expertise of Rasch and Westby was clearly respected by the prosecutors.
- 10. "Undesirability" of the case.** Mr. Dagon and Mr. Antonakakis received threats from third parties for their involvement in this case, which resulted in Mr. Antonakakis receiving police protection for two weeks and caused him to move his family to a gated community and close the Astrolavos lab at Georgia Tech for a period of time. Former President Trump referred to the indictments, which resulted from this investigation, as "a scandal far greater than Watergate" and stated that those involved were guilty of "treason" and that "in a stronger period of time in our country, this crime would have been punishable by death."
- 11. Nature and length of the professional relationship with the client.** Mr. Dagon had worked with Ms. Westby during the time she advised the U.S. Government and was also an acquaintance of Mr. Rasch and was familiar with his cybercrime expertise for decades.
- 12. Awards in similar cases.** We do have data to provide any further details here, but public records indicate that Georgia Tech has paid Manos Antonakakis's lawyers' fees in full, which totalled over \$100,000. Mr. Antonakakis did not retain counsel for over a year because he thought Georgia Tech was representing him. As far as we can tell, Mr. Antonakakis's lawyer never entered into a joint defense agreement, never provided data or information to other counsel or to the prosecutors, and Mr. Antonakakis never testified before the grand jury or met with the prosecutors. Moreover, it does not appear that Mr. Antonakakis's lawyer ever retained or interviewed expert witnesses, reviewed the tens of thousands of pages of technical documents, reports, and testimony.

As we have previously noted, the former Ethics in Government Act required the Independent Counsel to reimburse the "reasonable" legal fees of persons (like Mr. Dagon) who had been identified as "subjects" of an Independent Counsel investigation. While the IC statute has since expired (and the role of the Independent Counsel assumed by the Special Counsel) a trio of cases under the prior statute discussed the "reasonableness" of fees incurred under the old statute. *In re Mullins (Tamposi Fee Application)*, 84 F.3d 1439, 1441 (D.C.Cir.1996); *In re Pierce (Olivas Fee Application)*, 102 F.3d 1264, 1265 (D.C.Cir.1996); *In re North (Cave Fee Application)*, 57 F.3d 1117, 1119 (D.C.Cir.1995). In each of these cases, the Court found reasonable all of the legal expenses incurred from the initiation of the investigation until its completion at a reasonable and customary hourly rate.

Based on any method, the fees GCL has charged are clearly reasonable. The case involved a high-stakes political investigation that involved cybersecurity researchers at Georgia Tech and other universities and organizations across the country, thousands of complicated technical documents, emails and memoranda, as well as half a terabyte of data. The case was prosecuted by an aggressive and well-funded team of FBI agents and Special Counsel, with substantial federal resources. The case raised novel legal and factual issues, involved information collected by the Mueller special counsel, the DOJ Office of Inspector General, the Senate Intelligence Committee and multiple outside organizations. The case was extraordinarily high profile, being scrutinized by observers around the world. The Government's theory of liability was similarly novel.

Because Georgia Tech refused to share any of the documents they produced to the grand jury, a joint defense agreement with other counsel was the only way Mr. Dagon's counsel could know what information the prosecutors and grand jury knew, what documents had been provided, what statements had been made by other witnesses, and what questions were being asked by the FBI and others. This type of "joint defense," "common defense" or "common interest" privileged relationship with counsel representing other witnesses who were either subjects, targets, or witnesses in the case permitted the sharing of otherwise privileged documents and communications without resulting in an unethical waiver of the relevant privilege.

This is a common practice in complex white collar cases involving multiple parties, particularly where, as here, the actual criminal liability of each party is unclear and the necessity of information sharing is greater. The joint defense agreement permitted us to share information, share privileged documents and records, and discuss strategy and learn of the status of the investigation from multiple sources. *It also substantially reduced our costs by permitting us access to legal research conducted by other counsel, and leveraged the analysis of other counsel on both legal and factual matters.*

GCL represented Mr. Dagon for the greater part of two years. The bills and invoices reflect only a portion of the time GCL counsel spent on matters related to Mr. Dagon's defense. GCL generally did not include in time logs the numerous hours spent responding to journalists' inquiries or interacting with the print, electronic and social media -- despite the fact that this was extremely helpful and furthered the cause of defending its client. (*But see, In re North (Cave Fee Application)*, *supra* (defensive monitoring of witnesses and related prosecutions reimbursable as

reasonable)). GCL's fees for the defense of Mr. Dagon were, at all times, reasonable, necessary, and essential. GCL achieved a successful defense of Mr. Dagon, and he was the only witness in this three-year investigation to have been granted immunity by the Court under 28 USC § 6001.

The hours expended and rates charged by GCL are not only commensurate with the complexity and difficulty of the investigation, but also with the sensitivity and political nature of the Special Counsel investigation, the number of moving parts, and the need to protect the integrity not only of Mr. Dagon, but of the research that he and Mr. Antonakakis perform in their scope of employment at Georgia Tech.

Special Counsel investigations are fundamentally different from other criminal investigations, involve multiple agencies and departments, are highly political, and involve complex legal and factual issues. Indeed, they are more complex than other federal criminal investigations conducted by the Department of Justice. As one commentator noted:

... an increasing number of government officials who have done nothing illegal have been called before grand juries and congressional committees and have been subjected to other internal administrative investigations to answer questions about their alleged participation in or witnessing of the wrongdoing of others. The government has poured significant resources into the investigation of wrongdoing. Congress has set up special committees to conduct sometimes lengthy hearings, and independent counsels ("ICs") have been quite expansive and expensive in conducting their investigations. The political stakes are high in these investigations, and the government officials involved have felt the need to hire attorneys to advise them, even if they have not been charged with any wrongdoing. Officials have racked up tens of thousands of dollars - and, in some cases, hundreds of thousands of dollars - in legal bills to defend against specific charges and to defend their reputations. \*\*\*

There are several reasons why these legal fees are so high. First, officials often face multiple investigations regarding the same allegations: by the Justice Department, by an [Independent Counsel], and by congressional committees. Second, in responding to investigations that are so easily politicized, government officials naturally want to retain white collar criminal defense lawyers who have expertise in dealing with politics. These lawyers are generally able to command high fees. ... A former IC has stated that "lawyers must be hired, even by the most insignificant witnesses. The dire consequences of merely misspeaking, which could result in a false-statement charge, are high, given the [IC's] vast powers." Many others have noted that IC investigations often become politically charged. In such an atmosphere, it is not surprising that even "mere witnesses" feel the need for someone to look out for their best interests.

Kathleen Clark, "Paying the Price for Heightened Ethics Scrutiny: Legal Defense Funds and Other Ways That Government Officials Pay Their Lawyers," 50 Stan. L. Rev. 65, 1997 (emphasis added), available at: [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=110533](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=110533). It is clearly in

the interest of the State of Georgia for a person who was a subject of the Special Counsel investigation regarding actions taken in the performance of their State duties to have their reasonable attorney's fees reimbursed.

Thank you for your attention to this matter. Please let me know when we can have a call to discuss this matter further.

Sincerely,



Sam Olens

cc: David Dagon  
Global Cyber Legal LLC

SO:tn



---

**From:** bwebb@law.ga.gov  
**Sent:** Thursday, August 11, 2022 10:23 AM  
**To:** samuel.olens@dentons.com  
**Subject:** RE: Dagon

Good morning,

Thanks for letting me know.

bkw



**Bryan Webb**  
Deputy Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3542  
bwebb@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Olens, Samuel S. <samuel.olens@dentons.com>  
**Sent:** Thursday, August 11, 2022 10:10 AM  
**To:** Bryan Webb <bwebb@law.ga.gov>  
**Subject:** Dagon

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Bryan. We are meeting with Commissioner Sullivan on August 24 at 11 a.m.

We note that Tech paid the legal fees related to the civil litigation, but once again, has not paid our client's fees for same.

Thank you.

Sam

 **Samuel S. Olens**

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108  
samuel.olens@dentons.com  
Bio | Website

Dentons US LLP

[LuatViet](#) > [Fernanda Lopes & Asociados](#) > [Guevara & Gutierrez](#) > [Paz Horowitz Abogados](#) > [Sirote](#) > [Adepetun Caxton-Martins Agbor & Segun](#) > [Davis Brown](#) > [East African Law Chambers](#) > [Eric Silwamba, Jalasi and Linyama](#) > [Durham Jones & Pinegar](#) > [LEAD Advogados](#) > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://www.dentons.com) for Legal Notices.

---

**From:** Olens, Samuel S. <samuel.olens@dentons.com>  
**Sent:** Friday, August 5, 2022 9:55 AM  
**To:** bwebb@law.ga.gov  
**Subject:** Global Cyber

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Bryan.

As you know, I represent Global CyberLegal in connection with their efforts to have their reasonable legal bills incurred in connection with the representation of Georgia Tech employee David Dagon reimbursed either by Georgia Tech or by the Department of Administrative Services.

Yesterday, pursuant to an Open Records Act request, we learned that the legal fees of other Georgia Tech employees, namely Manos Antonatakis and Angelos Keromytis, which related to the investigation which lead to the indictment in United States v. Sussman, were promptly and fully reimbursed by Georgia Tech, and that the payment of these fees was approved by the Office of Attorney General.

In that regard, Mr. Dagon has been attempting to have his legal expenses related to these matters reimbursed. Please let me know whether the Office of Attorney General has approved the payment of these expenses either by Georgia Tech or by DoAS, or both. At this point -- more than two years' in, we do not know whether the logjam is. Specifically, we would like to know whether your office has found that the fees of GCL are "reasonable" and subject to reimbursement.

Thank you.

Sam

 Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108  
[samuel.olens@dentons.com](mailto:samuel.olens@dentons.com)  
[Bio](#) | [Website](#)

Dentons US LLP

[LuatViet](#) > [Fernanda Lopes & Associados](#) > [Guevara & Gutierrez](#) > [Paz Horowitz Abogados](#) > [Sirote > Adepetun Caxton-Martins Agbor & Segun](#) > [Davis Brown](#) > [East African Law Chambers](#) > [Eric Silwamba, Jalasi and Linyama](#) > [Durham Jones & Pinegar](#) > [LEAD Advogados](#) > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://www.dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://www.dentons.com) for Legal Notices.

---

**From:** Olens, Samuel S. <samuel.olens@dentons.com>  
**Sent:** Wednesday, August 24, 2022 7:52 AM  
**To:** rebecca.sullivan@doas.ga.gov; logan.winkles@doas.ga.gov; logan.winkles1@doas.ga.gov; bwebb@law.ga.gov  
**Subject:** Prof. Dagon  
**Attachments:** DAGON - TIME LOG Start - End FINAL CRIM.pdf

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Attached please find an invoice that solely covers the criminal matter.

Thank you.

Sam

 Samuel S. Olens

What's Next? The answer is Talent. With more than 20,000 people, 12,000 lawyers and 200 locations, Dentons has the talent for what you need, where you need it.

D +1 404 527 4108 | US Internal 74108  
samuel.olens@dentons.com  
Bio | Website

Dentons US LLP

LuatViet > Fernanda Lopes & Associados > Guevara & Gutierrez > Paz Horowitz Abogados > Sirote > Adepetun Caxton-Martins Agbor & Segun > Davis Brown > East African Law Chambers > Eric Silwamba, Jalasi and Linyama > Durham Jones & Pinegar > LEAD Advogados > For more information on the firms that have come together to form Dentons, go to [dentons.com/legacyfirms](https://dentons.com/legacyfirms)

Dentons is a global legal practice providing client services worldwide through its member firms and affiliates. This email may be confidential and protected by legal privilege. If you are not the intended recipient, disclosure, copying, distribution and use are prohibited; please notify us immediately and delete this copy from your system. Please see [dentons.com](https://dentons.com) for Legal Notices.

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
8/5/2020	Westby	T/c w/ D. Dagon re GJ subpoena & representation; t/c w/ M. Rasch re same.	1.7
8/6/2020	Westby	Review email from D. Dagon & docs; reply	1.5
8/7/2020	Westby	Email to D. Dagon re info needed; t/c w/ D. Dagon; t/c w/ M. Rasch; review doc from D. Dagon	2.5
8/9/2020	Rasch	T/c w/ Common Counsel review white papers; Review Just Security article; revise letter to AUSA; identify expert witnesses;	3.3
8/10/2020	Westby	Review email from M. Rasch & draft response to subpoena; t/c w/ D. Dagon & M. Rasch	2.0
8/11/2020	Westby	Review notes from D. Dagon & docs	2.0
8/12/2020	Westby	T/c w/ D. Dagon; review docs from D. Dagon; review email from M. Rasch to K. Wasch	2.5
8/13/2020	Rasch	Revise letter to AUSA; call to T. Fuhrman	3.5
8/16/2020	Westby	T/c w/ D. Dagon	1.0
8/17/2020	Rasch	Response to K. Wasch; t/c w/ J. Westby	2.8
8/17/2020	Westby	T/c w/ D. Dagon; t/c w/ K. Wasch	2.0
8/18/2020	Rasch	Draft subpoena; review docs/articles	1.7
8/19/2020	Rasch	Eft subpoena response; review documents, legal research re joint defense	4.4
8/19/2020	Westby	T/c w/ D. Dagon; review doc from D. Dagon; edit response to subpoena	2.5
8/23/2020	Rasch	Refine letter; review Senate Intel rpt; review Ankura and Mandiant rpts;	3.6
8/24/2020	Rasch	T/c w/ AUSA; review docs; research	1.8
8/24/2020	Westby	Review note from D. Dagon & doc; t/c w/ AUSA	2.0
8/25/2020	Rasch	Call w/ Common counsel t/c w/ D. Dagon; review documents & online research	3.3
8/25/2020	Westby	Review note from D. Dagon & article at link; email joint defense counsel & respond to reply; email K. Wasch	1.0
8/26/2020	Rasch	T/c w/ Common counsel; review GT policies; draft response re scope of investigation; prepare response to AUSA	4.7
8/26/2020	Westby	Review note from D. Dagon & reply; t/c w/ joint defense counsel (2); email joint defense counsel	3.5
8/27/2020	Rasch	F/up w/ Common counsel (2); review Senate Intel rpt; review Dagon info; t/c w/ K. Wasch	3.1
8/27/2020	Westby	T/c w/ D. Dagon; review articles from links from D. Dagon; review email from K. Wasch; t/c w/ K. Wasch & M. Rasch;	3.5

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
		review reply from joint defense counsel; emails w/ joint defense counsel	
8/28/2020	Rasch	T/c w/ joint defense; review civil subpoena demands; review strategy; revise response; t/c w/ D. Dagon	6.8
8/28/2020	Westby	Review notes and doc from D. Dagon; t/c w/ joint defense attys; t/c w/ D. Dagon	3.0
8/29/2020	Rasch	Review articles; review draft white paper; t/c w/ D. Dagon; develop strategy re DNS records	4.9
8/31/2020	Westby	Review docs from D. Dagon; t/c w/ D. Dagon	2.5
9/1/2020	Westby	Call Common Counsel; review email from joint defense counsel & reply	0.5
9/2/2020	Westby	Review note from D. Dagon; review articles; email joint defense counsel re sharing response to AUSA; email joint counsel re draft letter; emails w/ joint defense counsel; t/c w/ joint defense counsel	2.5
9/3/2020	Westby	Review email from joint defense counsel; review PA & FL civil cases; email D. Dagon & joint defense counsel re same	1.5
9/4/2020	Westby	Review note from D. Dagon; t/c w/ D. Dagon; edit response to letter to AUSA; send letter to K. Wasch for GT review; reply note to D. Dagon; t/c w/ joint defense counsel	3.5
9/5/2020	Westby	Send note to D. Dagon; review email from joint defense counsel & white papers; review white papers; share draft letter to AUSA w/ joint defense counsel	1.5
9/7/2020	Westby	Review note from D. Dagon; reply; review email from joint defense counsel & reply	0.6
9/8/2020	Westby	Review third white paper from joint defense counsel; send note to D. Dagon; t/c w/ D. Dagon; t/c w/ joint defense counsel	2.5
9/10/2020	Westby	Review email from joint defense counsel and anonymous email; t/c w/ joint defense counsel; t/c w/ M. Rasch; email K. Wasch	2.0
9/11/2020	Westby	T/c w/ D. Dagon; t/c w/ joint defense counsel	2.0
9/12/2020	Westby	T/c w/ M. Rasch; t/c to Common Counsel; email joint defense counsel & respond to reply	0.8
9/14/2020	Rasch	Review letter from joint counsel; t/c w/ D. Dagon	1.0
9/14/2020	Westby	T/c w/ D. Dagon; review email from joint defense counsel & reply; t/c w/ joint defense counsel (2); review anonymous vmail;	3.5
9/15/2020	Rasch	T/c w/ D. Dagon	0.8
9/15/2020	Westby	T/c w/ D. Dagon; research articles; email D. Dagon re anonymous vmail; review email from joint defense counsel & civil subpoenas; t/c w/ joint defense counsel	4.0

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
9/16/2020	Rasch	T/c w/ joint counsel; review subpoena compliance; t/c w/ J. Westby re K. Wasch reply	2.7
9/16/2020	Westby	T/c w/ D. Dagon; t/c w/ joint defense counsel; review email from K. Wasch & reply	1.5
9/22/2020	Rasch	Research scope of employment, sovereign immunity duty to reimburse; draft letter to GT;	4.7
9/22/2020	Westby	T/c w/ D. Dagon; review email from M. Rasch; email joint defense counsel	2.3
9/23/2020	Rasch	T/c w/ joint counsel; research third party payment; draft letter to GT	1.0
9/23/2020	Westby	T/c w/ D. Dagon; review email from K. Wasch; draft letter to K. Wasch re Dagon employment & legal fees; review docs from D. Dagon; email joint defense counsel	3.5
9/24/2020	Rasch	Draft letter to GT re scope of employment; t/c w/ D.Dagon; t/c w/ joint counsel; review LW letter to AUSA; research DOJ policies & practices;	6.3
9/24/2020	Westby	T/c w/ D. Dagon; review notes from D. Dagon; emails w/ joint defense counsel	3.0
9/25/2020	Rasch	T/c w/ N. McQuaid	0.7
9/25/2020	Westby	Notes to/from D. Dagon; t/c w/ D. Dagon; t/c w/ joint defense counsel (2)	3.5
9/27/2020	Westby	Review notes from D. Dagon; review note from joint defense counsel & review draft letter; reply to joint defense counsel	0.8
9/28/2020	Rasch	Draft memo to GT on scope of employment; research DOJ policies/ t/c w/ D. Dagon	2.8
9/28/2020	Westby	T/c w/ D. Dagon; send draft letter to K. Wasch to D. Dagon for review; t/c w/ joint defense counsel re draft letter	2.5
9/29/2020	Westby	Review notes from D. Dagon; t/c w/ D. Dagon; review civil subpoenas; email joint defense counsel; email joint defense counsel; t/c w/ joint defense counsel; review email from joint defense counsel & reply	4.0
9/30/2020	Rasch	T/c w/ D. Dagon re Ankura rpt; review civil allegations, Senate Intel rpt, Mandiant rpt;	2.9
9/30/2020	Westby	T/c w/ D. Dagon & M. Rasch; review email from K. Wasch & reply	2.5
10/1/2020	Rasch	Tel call D. Dagon/J Westby Re expert witness and scope of employment; call w P Vixie Re: Data Availability and analysis	2.7
10/1/2020	Westby	T/c/ w/ D. Dagon; review notes and doc from D. Dagon; t/c w/ K. Wasch & L. Nie; email joint defense counsel re expert witnesses	5.0

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
10/2/2020	Rasch	Review Pastebin postings, public posting, articles; draft third party payor agreement	1.8
10/2/2020	Westby	T/c w/ D. Dagon; review notes & doc from D. Dagon; t/c w/ researcher; email joint defense counsel	6.0
10/4/2020	Westby	Review notes from D. Dagon	0.5
10/6/2020	Rasch	Zoom Meeting w J Westby Re Third Party Payor/Indemnification Agreement, scope of employment; tel cal w/ joint defense	6.8
10/6/2020	Westby	Review notes from D. Dagon; mtg w/ M. Rasch; draft Third Party Payor agreement; t/c w/ D. Dagon; review email from joint defense counsel & reply; email joint defense counsel	3.5
10/7/2020	Rasch	Draft Letter to Ling Ling/GT & K Walsh Re Joint Defense and Scope of Employment; review Filkins article; tel calls w/ joint counsel; tel cal w J. Westby	10.3
10/7/2020	Westby	T/c w/ D. Dagon re status; review new Filkins article; article on DOJ changing policy on election interference; emails to joint defense counsel; email L. Nie & K. Wasch;	3.5
10/8/2020	Rasch	Tel Call D Dagon, Review D Dagon Analysis, map claims to DNS records and D Dagon presentation; edit response to subpoena; tel call w J. Westby	4.7
10/8/2020	Westby	T/c w/ joint defense counsel; t/c w/ D. Dagon re status; prepare summary doc of claims/issues, utility of report; t/c w/ D. Dagon re same; email joint defense counsel re summary doc;	5.0
10/9/2020	Rasch	Tel Cal Common Counsel, J Westby -	1.6
10/9/2020	Westby	Arrange call w/ joint defense to discuss summary paper & strategy	0.5
10/10/2020	Rasch	Tel Cal Common counsel, J Westby	1.9
10/11/2020	Rasch	Review Mark Bradmy article, tel call w J Westby	2.9
10/12/2020	Westby	T/c w/ joint defense counsel (2); t/c w/ D. Dagon; review online postings	2.5
10/13/2020	Rasch	Tel Call J Westby, call we Common counsel; tel cal w D. Dagon	4.0
10/13/2020	Westby	T/c w/ joint defense counsel; T/c w/ D. Dagon; review email from K. Wasch; t/c w/ D. Dagon & M. Rasch re same; T/c w/ joint defense counsel; t/c w/ D. Dagon re anonymous writer;	4.0
10/14/2020	Rasch	Review Epoch Times posting, expert witness reports; tel cal D. Dagon J. Westby	2.2
10/14/2020	Westby	T/c w/ D. Dagon re anonymous docs; draft response to K. Wasch; email D. Dagon & M. Rasch re same	4.5



**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
10/15/2020	Rasch	Research - scope of employment, GA state regulations, reimbursement policies, AG policies	3.8
10/15/2020	Rasch	Draft talking points memo - Tel Call J Westby	2.7
10/15/2020	Westby	T/c w/ joint defense counsel; t/c w/ D. Dagon & M. Rasch re response to GT; review memo from D. Dagon; email K. Wasch requesting t/c; research faculty handbook and GT research policies; develop talking points for call w/ GT; email to D. Dagon & M. Rasch for review;	6.5
10/15/2020	Rasch	Review GT Faculty Manual, GT Lawsuits and settlements, AG litigation, Restatement Agency, LOAS policies	2.9
10/16/2020	Rasch	Tel Call A. McReedy re IU reimbursement policy; tel cal w common counsel; legal research – privilege issues, foreign prosecution	4.8
10/16/2020	Westby	Review email from AUSA & subpoena; forward to D. Dagon; t/cs w/ joint defense counsel; review reply from K. Wasch & reply; t/c w/ D. Dagon; review amicus filing by EFF	4.5
10/17/2020	Westby	Review email from joint defense counsel & reply; email joint defense counsel	0.2
10/18/2020	Westby	Review report from joint defense counsel; t/c w/ D. Dagon; t/c w/ J. Levine; prepare Kovel agreement & email to J. Levine; review news articles & email to D. Dagon & M. Rasch	6.0
10/19/2020	Westby	T/c w/ K. Wasch & LL Nie; t/c w/ D. Dagon; t/c w/ M. Rasch;	2.5
10/20/2020	Westby	Draft letter to LL Nie; revise notes from M. Rasch	3.0
10/21/2020	Westby	Revise letter to LL Nie; t/c w/ M. Rasch re edits to draft; t/c w/ D. Dagon; email LL Nie;	6.0
10/22/2020	Westby	Review edits from D. Dagon; edit letter to LL Nie; review edits from M. Rasch; review legal research; finalize letter to LL Nie; email letter to LL Nie	5.5
10/23/2020	Westby	T/c w/ M. Rasch to prepare for call w/ AUSA; t/c w/ A. DeFilippis; t/c w/ M. Rasch & D. Dagon; t/c w/ joint defense counsel; review email re deadline for civil case ID of Jane/John Does	4.5
10/24/2020	Westby	Review email from A. DeFilippis & reply; t/c w/ M. Rasch; t/c w/ D. Dagon	2.0
10/27/2020	Westby	Email joint defense counsel re call; review docs in file	1.0
10/28/2020	Westby	T/c w/ joint defense counsel; t/c w/ M. Rasch	1.7
10/30/2020	Westby	Email LL Nie re response to letter	0.3
11/4/2020	Rasch	Tel Call Common counsel J Westby	0.2

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
11/4/2020	Westby	Review email from LL Nie; Email B. Webb; review reply from B. Webb to schedule call; t/c w/ D. Dagon; review email from joint defense counsel & reply	2.8
11/5/2020	Rasch	Review expert witness documents. Jones Report, tel cal D Dagon, J Westby, tel cal common counsel, tel cal B Webb, tel cal former GA State AG, revise scope of employment memo	10.8
11/5/2020	Westby	T/c w/ M. Rasch; t/c w/ B. Webb; t/c w/ D. Dagon; email B. Webb w/ 1st ltr and 3rd party payor agreement	2.3
11/9/2020	Rasch	T/c w/Common Counsel review media reports; review draft letter from Common Counsel; tel cal former GA AG, draft letter to DeFilippis, tel cal w J. Westby	8.4
11/9/2020	Westby	Joint defense counsel call; review draft letter to AUSA; edit letter; email letter to AUSA; review response & discuss w/ M. Rasch; emails to joint defense counsel	2.5
11/10/2020	Rasch	Tel Call Common Counsel J Westby, tel cal D. Dagon	2.4
11/10/2020	Westby	Review emails from AUSA re letter; emails to joint defense counsel; t/cs w/ joint defense counsel; email D. Dagon re same; draft reply letter to AUSA; t/c w/ M. Rasch re same; email AUSA w/ response	5.5
11/11/2020	Rasch	Tel Call A Fillipis, J Westby.Fuhrman, et al - re privilege and grand jury, draft letter to DeFilippis re privilege, tel calls common counsel J Westby	5.5
11/11/2020	Westby	T/c w/ AUSA; emails w/ joint defense counsel; t/cs w/ joint defense counsel; email to D. Dagon re signing document for AUSA;	4.0
11/12/2020	Rasch	Review DeFilippis letters to counsel; tel cal J Westby	2.2
11/12/2020	Westby	Email executed docs to AUSA; review email from AUSA re response to letter & FBI interviews; t/c w/ M. Rasch	2.0
11/15/2020	Westby	Email response to AUSA re FBI interviews	0.2
11/18/2020	Rasch	Tel Call common counsel Westby	1.0
11/18/2020	Westby	Email B. Webb re fee issue; t/c w/ joint defense counsel;	1.2
11/20/2020	Rasch	Tel Call common counsel Westby	0.9
11/24/2020	Westby	Email B. Webb re fee issue; arrange for t/c;	0.2
11/25/2020	Rasch	Redraft Third Party Payor Agreement/Tel Call B Webb J Westby	3.2
11/25/2020	Westby	T/c w/ B. Webb; revise third party payor agreement per t/c w/ B. Webb; email to B. Webb	1.0
11/26/2020	Rasch	Meeting with J Westby	0.5
12/7/2020	Rasch	Meeting w J Westby RE Status, call w B. Webb, Draft letter to B. Webb	2.0
12/7/2020	Westby	T/c w/ D. Dagon; email B. Webb re status;	0.6

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
12/8/2020	Rasch	Call to K. Wasch; draft response to AUSA; call to J. Westby, redraft letter to B. Webb, mtg w J Westby	5.9
12/8/2020	Westby	T/c w/ joint defense counsel; review email from B. Webb & reply	0.7
12/20/2020	Rasch	Review Forbes Article Re Investigation, research Georgia constitution, gratuities clause	1.8
12/29/2020	Rasch	Tel Call w Common Counsel Re Investigation	1.0
12/29/2020	Westby	T/c w/ joint defense counsel re subpoenas to GJ	1.0
1/25/2021	Rasch	Tel cal w Common Defense, research BAA and joint defense issues,	1.0
1/25/2021	Westby	Email to B. Webb re legal fees; review BAA; forward to joint defense counsel; draft letter to B. Webb	2.7
1/26/2021	Westby	T/c w/ joint defense counsel re subpoena to GJ & documents produced; research reimbursement of legal fees by DOAS; draft letter to B. Webb	3.5
1/27/2021	Rasch	Draft Letter to Ling Ling Re: Scope of Independent Counsel Investigation, letter to B. Webb, DOAS policy and DARPA, Tel Call former GA AG Re: Indemnification	4.2
1/28/2021	Rasch	Research - scope of immunity, 18 USC 6001, act of production, agency	3.0
1/28/2021	Westby	Email joint defense counsel re 5th A & review replies; draft letter to B. Webb	4.5
1/29/2021	Rasch	Draft Letter to AG Webb RE Scope of Employment,	4.2
1/29/2021	Westby	Research gratuities clause; finalize letter to B. Webb; email B. Webb w/ letter	3.5
1/30/2021	Rasch	Research - Trump Russia Cyberattack reports, news articles	3.3
2/3/2021	Westby	T/c w/ joint defense counsel	0.5
2/23/2021	Westby	Email Ling-Ling re legal fees	0.2
2/26/2021	Rasch	Tel Call S. Common Defense Counsel, Email re legal fees, Joint defense call w J. Westby	1.2
2/26/2021	Westby	Review email from K. Wasch re legal fee payment; discuss w/ M. Rasch; joint defense call; t/c w/ D. Dagon	3.3
2/28/2021	Westby	Review email from joint defense counsel; reply	0.2
3/1/2021	Rasch	Revise Letter to G Tech re legal fees, tel cal w J. Westby and common counsel	1.8
3/1/2021	Westby	T/c w/ joint defense counsel; send docs to joint defense	0.8
3/2/2021	Westby	T/c w/ joint defense counsel; review file; send docs; draft letter to GT re legal fees	1.6
3/3/2021	Westby	Conduct research re applicability of DNS data to wiretap, PR/TT, Stored Comm Act; draft note re findings; email M. Rasch re prep for call w/ B. Webb; Review email from B. Webb re legal fees	2.5

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
3/4/2021	Rasch	Research DOAS policies/ Reimbursement, research SCA, trap and trace, tel cal w J. Westby; draft letter to AG re reimbursement, draft letter to LL, tel cal D Dagon	6.5
3/4/2021	Westby	T/c w/ D. Dagon; t/c w/ joint defense counsel; review letter to GT re legal fees; email D. Dagon re letter to GT re legal fees	3.0
3/5/2021	Westby	T/c w/ joint defense counsel (2); revise letter to GT to include DOAS reimbursement	2.5
3/6/2021	Westby	Research applicability of DNS data to pen register/trap trace & stored comm act; email joint defense counsel re same	1.3
3/9/2021	Rasch	T/c w/ joint defense counsel; t/c w/ DOAS; research DNS record availability;	2.9
3/9/2021	Westby	T/c w/ DOAS re legal fee reimbursement	0.5
3/10/2021	Westby	Review email from joint defense re docs from Alice; email K. Wasch & Ling-Ling re letter re legal fee offer	1.5
3/11/2021	Rasch	Tel call to D Dagon,	2.2
3/14/2021	Westby	Review emails from joint defense re 5th A & reply	0.6
3/17/2021	Rasch	Research GT Policies, review docs from K Wasch and Ling Ling, fee research	1.9
3/19/2021	Rasch	Review DARPA contract and policies, tel cal w consulting counsel re DARPA reimbursement policies, duty to defend contract	4.2
3/19/2021	Westby	Review research on FAR & payment of legal fees	0.5
3/20/2021	Rasch	Research FAR requirements reimbursement of attorney fees	3.8
3/22/2021	Rasch	Research - GA AG Policies - Conflict of Interest and dual representation,	2.7
3/23/2021	Westby	Email K. Wasch re call to discuss fees;	0.2
3/26/2021	Westby	Email Ling-Ling & K. Wasch re legal fees; review reply	0.2
3/29/2021	Rasch	Tel Call w Common Defense Counsel, tel cal w J. Westby, follow up research	1.0
3/29/2021	Westby	T/c w/ joint defense counsel	0.5
3/30/2021	Westby	Email joint counsel; T/c w/ joint defense counsel; research BAA	1.3
3/31/2021	Westby	Review email from joint counsel; research response; reply	0.8
4/1/2021	Westby	Email K. Wasch & Ling-Ling re legal fees; review email from D. Lunon re legal fees	0.9
4/2/2021	Westby	Email to D. Lunon; email joint defense counsel	0.3
4/5/2021	Westby	Review email from D. Lunon re legal fee status	0.1
4/9/2021	Rasch	Draft letter to GT counsel re scope of employment; t/c	1.3
4/15/2021	Westby	Review draft letter to DOAS	0.3
4/21/2021	Westby	Review email from joint defense counsel; reply	0.2
4/21/2021	Rasch	Letter to DOAS, common counsel email	0.5

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
4/22/2021	Westby	Email D. Dagon re DOAS letter	0.2
4/26/2021	Westby	Email D. Lunon re legal fee issue	0.3
4/28/2021	Westby	Review email from D. Lunon re fees & reply	0.5
5/6/2021	Westby	Emails to joint defense counsel ; t/c w/ joint defense counsel	1.0
5/6/2021	Rasch	Tel Call w Common Defense Counsel re joint defense	1.4
5/7/2021	Westby	T/c w/ joint defense counsel; review emails from joint defense counsel & reply	1.0
5/8/2021	Rasch	Call w/ J. Westby re subpoena; review subpoena; call w/ D. Dagon re same	2.0
5/9/2021	Rasch	T/c w/ Common Counsel review white paper; review Tea Pain reports; draft response to AUSA; review DNS availability	5.5
5/10/2021	Westby	Review letter from K. Wasch re legal fees; t/c w/ joint defense counsel; emails w/ joint defense counsel	1.4
5/11/2021	Westby	T/c w/ joint defense counsel; draft response to GT letter re fees	3.5
5/12/2021	Westby	T/c w/ joint defense counsel; draft response to GT letter re fees; email D. Dagon	2.5
5/12/2021	Rasch	Tel Cal Common Counsel - letter to Wasch/Ling Ling	1.9
5/14/2021	Westby	Edit GT letter re fees; email D. Dagon	2.5
5/17/2021	Westby	Edit GT letter; email D. Dagon;	2.0
5/19/2021	Westby	Review email from D. Dagon; t/c w/ D. Dagon	1.6
5/20/2021	Rasch	Revise letter to Kate re legal fees	1.0
5/20/2021	Westby	Review edits to GT letter from M. Rasch; email M. Rasch re same	1.5
5/21/2021	Westby	Review edits to GT letter;	1.0
6/8/2021	Rasch	Research GJ & special counsel, review subpoena, prepare draft response	1.2
6/23/2021	Rasch	Common Interest Call w Common Counsel, research re scope of privilege, Klein issues	1.2
6/23/2021	Westby	T/c w/ joint defense counsel	0.5
6/24/2021	Westby	Review docs from joint defense counsel; email joint defense counsel	0.5
6/29/2021	Westby	T/c w/ joint defense counsel; email M. Rasch re same; email joint defense counsel	1.2
6/29/2021	Rasch	Research - Articles on Investigation, tel call J. Westby	2.7
6/30/2021	Westby	T/c w/ D. Dagon; t/c w/ joint defense counsel	1.6
6/30/2021	Rasch	Tel Call D. Dagon J. Westby	2.0
7/1/2021	Westby	T/c w/ joint defense counsel (3)	1.5
7/1/2021	Rasch	Tel Call w Common counsel - research caselaw	1.2

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
7/2/2021	Rasch	Tel Call w Common Defense Counsel	1.2
7/2/2021	Westby	T/c w/ joint defense counsel; review letter from joint defense counsel	0.8
7/5/2021	Westby	T/c w/ joint defense counsel	0.5
7/6/2021	Rasch	Call w joint defense counsel	1.0
7/6/2021	Westby	Review email from DeFilippis & reply; t/c w/ De F; t/c w/ joint defense counsel (3); email to D. Dagon	2.8
7/7/2021	Westby	T/c w/ joint defense counsel; review email from DeF & proffer agreement; reply to DeF re same	1.2
7/7/2021	Rasch	Tel Cal Common Counsel - DeFilippis, J. Westby, proffer session	1.0
7/8/2021	Rasch	T/c w/ J. Westby; review subpoena response; draft response to subpoena	1.0
7/8/2021	Westby	T/c w/ joint counsel; Review emails from DeF & reply	0.7
7/9/2021	Rasch	Tel Call w D. Dagon; tel call common interest	3.9
7/9/2021	Westby	T/c w/ DeF; t/c w D. Dagon; review docs from D. Dagon;	3.0
7/10/2021	Rasch	Research on Prosecutorial Misconduct	4.0
7/10/2021	Westby	Draft letter to DeF; review email from DeF;	1.0
7/12/2021	Rasch	Tel call w A DeF - legal ethics, threats of prosecution	1.0
7/12/2021	Westby	T/c w/ S. Saltzburg; review doc from D. Dagon; edit letter to DeF; T/c w/ joint counsel	2.4
7/13/2021	Rasch	Common Interest Call w Counsel; tel cal D Dagon	4.8
7/13/2021	Westby	Review email from DeF & subpoena; t/c w/ D. Dagon; t/c w/ joint counsel(2); email S. Saltzburg; finalize letter to DeF & send; review email from DeF & reply; emails to D. Dagon; emails to joint defense counsel	4.7
7/14/2021	Rasch	Common Interest calls; tel cal D Dagon J Westby	5.3
7/14/2021	Westby	T/c w/ joint defense counsel (6); review email from DeF; t/c w/ DeF; review doc from D. Dagon	5.7
7/15/2021	Rasch	Letter to DeF; tel cal common interest; tel cal Christian F re fees	4.0
7/15/2021	Westby	T/c w/ C. Fuller re legal fees, Dagon status; review doc from D. Dagon; review draft letter to DeF; emails to S. Saltzburg; review emails from joint defense counsel; t/c w/ joint defense counsel; t/c w/ D. Dagon; email letter to DeF	4.5
7/16/2021	Rasch	Call w D Dagon	2.0
7/16/2021	Westby	Review email from DeF & reply; discuss dates for testimony; t/c w/ D. Dagon; t/c w/ DeF; send D. Dagon draft letter re immunity	3.5
7/17/2021	Rasch	Common Interest Call	1.0

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
7/17/2021	Westby	Review email from DeF re testimony; t/c w/ D. Dagon; t/c w/ joint defense counsel	2.4
7/19/2021	Rasch	Grand Jury Prep	2.0
7/19/2021	Westby	T/c w/ joint defense counsel; email D. Dagon re DOJ reimbursement; emails w/ joint defense counsel	0.8
7/20/2021	Rasch	Subpoena duces tecum review; tel cal J Westby	4.0
7/20/2021	Westby	Review email from C. Fuller re note from DARPA GC & document production & reply; email DeF re testimony & documents; review email from DeF & reply; t/c w/ D. Dagon	4.8
7/21/2021	Rasch	FRCrim P 6 research; tel call common counsel, tel cal w GA AG Beth Young, tel cal w J Westby	5.3
7/21/2021	Westby	Review emails from DOJ; review emails from joint defense counsel; review email from E. Young & reply; t/c w/ E. Young; review email from DeF & reply; t/c w/ M. Rasch; t/c w/ D. Dagon; t/c w/ DeF; review email from E. Young & GT subpoena; draft email to DeF re document production	4.8
7/22/2021	Westby	Review doc from D. Dagon; review emails from joint defense counsel; t/c w/ D. Dagon	1.4
7/23/2021	Rasch	Draft letter to DeFilippis re DARPA; tel cal common counsel; tel cal J Westby	5.0
7/23/2021	Westby	Review emails from E. Young & reply; email De F re document production; email E. Young re responsive documents; email D. Dagon	1.2
7/24/2021	Rasch	Review document production; tel call common counsel	4.7
7/24/2021	Westby	Review email from DeF & reply; t/c w/ joint defense counsel; t/c w/ D. Dagon	4.0
7/25/2021	Westby	Email DeF;	0.2
7/26/2021	Rasch	Review documents; research, tel cal w D Dagon, J Westby to prep for mtg w DeF and GJ	8.0
7/26/2021	Westby	Review email from E. Young re doc production & reply; review doc from D. Dagon; Review email from DeF re immunity & reply; review file; mtg w/ D. Dagon	7.0
7/27/2021	Rasch	Tel Call D Dagon to prep; letter to GA AG re document production, review documents	7.0
7/27/2021	Westby	Mtg w/ D. Dagon re DeF meeting & testimony; review emails from E. Young re docs & reply	8.0
7/28/2021	Rasch	Mtg w DeFilippis, mtg w D Dagon, tel calls joint counsel	10.0
7/28/2021	Westby	Mtg w/ DeF; mtg w/ Dagon; review email from joint counsel; joint counsel calls	12.0
7/29/2021	Rasch	Mtg w DeFilippis, mtg w D Dagon, GJ testimony, review docs, tel calls common interest; review Rhamnousia logs	11.2

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
7/29/2021	Westby	Mtg w/ DeF; GJ testimony; mtg w/ Dagon; review immunity order; review emails from E. Young re Rhamnousia chat logs & reply; t/c w/ joint defense counsel	11.8
7/30/2021	Rasch	Tel calls joint counsel, review documents, tel cal D Dagon	4.0
7/30/2021	Westby	T/c w/ joint counsel; review docs from D. Dagon; review email from DeF & reply; t/c w/ D. Dagon	4.3
8/1/2021	Westby	Review email from DeF; t/c w/ DeF; t/c w/ Dagon;	1.7
8/2/2021	Rasch	Joint Defense call, tel cal D Dagon J Westby, review docs	4.0
8/2/2021	Westby	Review docs from D. Dagon; review emails from DeF; review emails from E. Young; t/c w/ D. Dagon; review emails from joint defense counsel; email joint defense counsel re docs needed	4.5
8/3/2021	Rasch	Witness preparation, review documents	4.0
8/3/2021	Westby	T/c w/ joint defense counsel (2); review docs from joint defense counsel; review email from DeF and docs; emails w/ DeF re mtgs & testimony; mtg w/ D. Dagon	8.8
8/4/2021	Westby	Mtg w/ D. Dagon; mtg w/ DeF;	11.0
8/4/2021	Rasch	Tel cal w D Dagon, tel cal w DeF & team	5.5
8/5/2021	Rasch	Tel call J Westby, D Dagon	1.7
8/5/2021	Westby	Review emails from joint defense counsel; mtg w/ D. Dagon; GJ testimony; t/c w/ joint defense counsel; review email from DoJ re reimbursement & reply	6.5
8/6/2021	Westby	Review emails from joint defense counsel & reply t/c w/ joint defense counsel (2);	2.0
8/9/2021	Rasch	Common Defense Call, document review	3.2
8/9/2021	Westby	Email DeF documents; t/c w/ joint defense counsel; email docs to joint defense counsel; review docs & file from GJ; review doc from D. Dagon	7.5
8/10/2021	Rasch	Tel cal w J Westby	1.0
8/10/2021	Westby	Review email from joint defense counsel;	0.5
8/11/2021	Rasch	Common Defense comms, tel cal D Dagon	1.5
8/11/2021	Westby	Review doc from D. Dagon; review email from joint defense counsel & reply;	1.0
8/12/2021	Westby	T/c & emails w/ joint defense counsel; t/c w/ D. Dagon	3.5
8/13/2021	Rasch	Review Grand Jury process; OSINT legal review	3.0
8/13/2021	Westby	Email joint defense counsel;	0.5
8/14/2021	Westby	Review email from joint defense counsel; draft letter to DeF; t/c w/ D. Dagon; email joint defense counsel	1.5
8/15/2021	Rasch	Draft letter DeFilippis, tel cal J Westby D Dagon	4.0
8/15/2021	Westby	Review doc from D. Dagon; t/c w/ M. Rasch; draft letter to DeF; review email from DeF w/ Qs to answer; t/c w/ D.	6.5



**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
		Dagon; review emails from joint defense counsel; emails to joint defense counsel	
8/16/2021	Rasch	Tel cal w common counsel, tel cal D Dagon	3.5
8/16/2021	Westby	T/c w/ joint defense counsel; t/c w/ D. Dagon; draft answers to DeF Qs;	7.5
8/17/2021	Rasch	Witness prep Dagon, research - 1001 caselaw, special counsel, tel cal common counsel	5.0
8/17/2021	Westby	Review doc from D. Dagon; t/c w/ joint defense counsel; edit answers to DeF Qs; email DeF with answers to Q; email joint defense counsel	5.0
8/18/2021	Rasch	Witness prep Dagon, draft responses to DOJ questions	6.5
8/18/2021	Westby	Review email from DeF; review email from M. Rasch re same; email DeF w/ answers; review email from DeF; t/c w/ D. Dagon; reply to DeF	4.8
8/19/2021	Rasch	Mtg w D Dagon, tel cal J Westby, Grand Jury testimony	6.5
8/19/2021	Westby	Review email from DeF; review email from M. Rasch; email DeF; t/c w/ M. Rasch; t/c w/ D. Dagon; review email from J. Eckenrode; t/c w/ M. Rasch; review doc from D. Dagon	4.3
8/20/2021	Rasch	Common Interest Call, tel cal D Dagon	2.0
8/21/2021	Westby	Joint defense counsel call;	0.5
8/23/2021	Rasch	Common Interest call, review docs from D Dagon	2.4
8/23/2021	Westby	Joint defense counsel calls (4); review file docs from D. Dagon;	3.5
8/24/2021	Rasch	Common Interest Call w Common Counsel	1.5
8/24/2021	Westby	Review docs from D. Dagon; t/c w/ joint defense counsel (2); email docs to joint defense counsel; draft letter to DeF	5.5
8/25/2021	Westby	Review doc from D. Dagon; t/c w/ D. Dagon; edit letter to DeF; email joint defense counsel;	5.4
8/26/2021	Westby	Draft & finalize letter to DeF; emails to joint defense counsel; email letter to DeF	6.5
8/27/2021	Rasch	Research scope of investigation, DOJ policies, draft letter to DeFilippis, Garland, Durham	5.0
8/27/2021	Westby	Send emails to joint defense counsel; t/c w/ joint defense counsel; review doc from D. Dagon	2.0
8/28/2021	Westby	Review doc from D. Dagon; emails to joint defense counsel & review replies	2.0
8/30/2021	Westby	T/c w/ joint defense counsel (2); emails to joint defense counsel;	2.8
8/31/2021	Westby	Email letter to AG Garland & Durham	0.5
9/1/2021	Rasch	Research draft letter to DeF re scope of investigation, tel cal joint counsel, review D. Jones litigation - report	6.2
9/3/2021	Rasch	Tel cal D Dagon J Westby, review docs from D Dagon	2.3

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
9/3/2021	Westby	Review docs in file; t/c w/ M. Rasch; t/c w/ D. Dagon	2.5
9/5/2021	Rasch	Review documents, emails re press reports	1.2
9/16/2021	Rasch	Common Interest Calls, review indictment, review D. Jones suit, tel cal D Dagon J Westby	5.5
9/16/2021	Westby	Review indictment; t/c w/ DeF; emails & t/c w/ joint defense counsel; t/c w/ D. Dagon; review email from J. Durham	3.5
9/17/2021	Rasch	Review Durham response & draft reply; tel call common counsel	3.7
9/17/2021	Westby	T/c w/ joint defense counsel; emails w/ joint defense counsel; review draft response to J. Durham;	3.0
9/19/2021	Westby	Emails w/ joint defense counsel;	0.5
9/20/2021	Rasch	Common Interest Call	1.2
9/20/2021	Westby	T/c w/ joint defense counsel; t/c w/ D. Dagon; review emails from joint defense counsel & reply	1.9
9/21/2021	Rasch	DOAS research	1.9
9/21/2021	Westby	T/c w/ joint defense counsel (2); t/c w/ D. Dagon & M. Rasch; review doc from D. Dagon	2.7
9/22/2021	Westby	T/c w/ joint defense counsel; t/c w/ D. Dagon	2.5
9/23/2021	Westby	Review docs from D. Dagon; review emails from joint defense counsel; t/c w/ joint defense counsel;	3.5
9/25/2021	Rasch	Research independent counsel statute	2.0
9/28/2021	Westby	T/c w/ C. Fuller & E. Young; review doc from D. Dagon;	1.5
9/28/2021	Rasch	Tel cal w Christian F & Beth Young, tel cal J Westby	1.5
9/30/2021	Westby	T/c w/ joint defense counsel; review docs; review doc from D. Dagon	1.3
10/1/2021	Rasch	OSC investigation research; tel call common counsel	3.3
10/20/2021	Westby	Email DOAS re ORR; emails w/ joint counsel	1.0
10/21/2021	Westby	Review email from joint counsel; t/calls w/ joint counsel; review email from joint counsel; prepare & submit ORR to GT; emails to D. Dagon;	2.5
11/10/21	Rasch	Tel call w joint defense US v Sussman, research data integrity and third party	0.8
12/30/21	Westby	Review email from Andrew DeF & reply; t/c/ w/ M. Rasch re same; t/c w/ D. Dagon	.5
12/30/21	Rasch	Tel Call J Westby, David Dagon	0.5
12/31/21	Westby	Emails to joint defense; t/c w/ D. Dagon	1.0
12/31/21	Rasch	Common interest call	1.0
1/2/22	Rasch	Common interest tel call	0.7
1/5/22	Westby	T/c w/ DeF; t/c w/ M. Rasch re same	.5
1/5/22	Rasch	Tel call w A. DeF/ J. Westby	0.5

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
1/6/22	Westby	T/c w/ joint defense counsel; review email & docs from joint defense counsel; review In re Sealed Motion case	3.8
1/6/22	Rasch	Tel cal -common interest, research grand jury secrecy issue	3.0
1/7/22	Westby	T/c w/ joint defense counsel	1.0
1/7/22	Rasch	Common interest call	1.0
1/9/22	Westby	Review doc from joint defense counsel; review file	1.5
1/9/22	Rasch	Common interest call	1.0
1/11/22	Westby	Review doc from FBI; T/c w/ Dagon	1.5
1/11/22	Rasch	Common interest call; call w J Westby; tel cal Dagon	1.4
1/12/22	Westby	T/c w/ joint defense	.5
1/13/22	Westby	T/c w/ joint defense; review file & doc production	2.0
1/13/22	Rasch	Common interest call, review discovery documents, protective order	1.2
1/18/22	Westby	T/c w/ joint defense counsel	1.2
1/18/22	Rasch	Zoom call - common interest	1.2
1/20/22	Westby	Review emails from joint defense counsel; reply	.4
1/31/22	Rasch	Review GT documents found online, review US v Sussman discovery pleadings	1.0
2/2/22	Rasch	Tel call J Westby, D Dagon, respond to pleading US v. Sussman by DeF	0.8
2/2/22	Westby	Review email from DeF & reply; forward to client; t/c w/ M. Rasch	.5
2/12/22	Westby	Review email from joint counsel; review motion by DeF; t/c w/ M. Rasch	1.0
2/12/22	Rasch	Tel call w J. Westby, common defense email review	0.8
2/13/22	Westby	T/c w/ joint counsel (2); t/c w/ client; review doc from client; prepare talking points	4.5
2/13/22	Rasch	Common defense calls; call w D Dagon, confirm DNS and other records	3.2
2/14/22	Westby	T/c w/ joint counsel (2); review documents from client; prepare talking points; review email from joint counsel; review filing by joint counsel;	4.5
2/14/22	Rasch	Review documents re US v Sussman pleading, prepare response to DeF arguments	3.0
2/15/22	Westby	T/c w/ joint counsel; email joint counsel	1.0
2/15/22	Rasch	Common defense Zoom call, emails, strategy meeting Re DiF	1.5
2/17/22	Westby	T/c w/ C. Soghoian; t/c w/ M. Rasch; review motion to dismiss;	2.0
2/17/22	Rasch	Tel Call, J. Westby. US v. Sussman motion to dismiss, Tel call w Senate Staff RE DNS privacy	1.2
2/18/22	Rasch	Common defense calls	1.1
2/18/22	Westby	T/c w/ joint counsel re DNS/EOP;	1.0

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
2/23/22	Rasch	Tel Calls research and purpose of data collection, EOP DNS and internal/external	1.8
3/2/22	Westby	T/c w/ joint counsel; review email from joint counsel	.8
3/2/22	Rasch	Common defense t/c	1.0
3/3/22	Westby	Review email from joint counsel & reply; review email from D. Dagon & attachment; t/c w/ Dagon	1.2
3/3/22	Rasch	Review docs US v Sussmann, t/c w/ joint defense	1.3
3/4/22	Westby	T/c/ w/ joint counsel; review document from Dagon & reply	1.5
3/4/22	Rasch	Call w/ J. Westby	1.0
3/5/22	Rasch	Joint defense call/ review 900 pages of GT docs from ORR	1.2
3/6/22	Westby	Review ORR GT docs	1.2
3/7/22	Rasch	Review D. Dagon docs; joint defense call; t/c w/ J. Westby	2.5
3/7/22	Westby	T/c w/ joint counsel; t/c w/ M. Rasch re same; t/c w/ joint counsel; review doc from Dagon	2.0
3/8/22	Westby	Draft letter to DeF re Dagon testimony; email letter to DeF; review response	1.0
3/8/22	Rasch	Communication w/ DeF; draft letter re access to testimony	1.0
3/10/22	Westby	Review email from joint defense counsel; t/c w/ joint defense counsel; review info sent from joint defense	1.0
3/10/22	Rasch	Joint defense call; review docs from joint defense	1.0
3/11/22	Rasch	Call w/ joint defense; review GA Open Records Act	.2
3/15/22	Westby	Review email from OSC & reply; t/c w/ M. Rasch; t/c w/ D. Dagon	1.5
3/15/22	Rasch	Joint defense call/ call w/ D. Dagon; review GT emails	1.6
3/16/22	Westby	T/c w/ DeF & team; t/c w/ D. Dagon	1.0
3/16/22	Rasch	Call w/ DeF; joint defense call; review GT ORR docs	.9
3/17/22	Westby	Email w/ Joint defense counsel;	.2
3/17/22	Rasch	Review GT ORR docs; emails & call w/ J. Westby	.2
3/18/22	Westby	T/c w/ joint defense counsel;	.5
3/18/22	Rasch	Call w/ joint defense re emails and ORR docs	.5
3/19/22	Westby	Review email from D. Dagon & review attachment; t/c w D. Dagon	1.2
3/19/22	Rasch	Dagon document review; research	1.1
3/22/22	Westby	T/c w/ joint counsel; review email from joint counsel; email w/ OSC; t/c w/ Dagon	1.4
3/22/22	Rasch	Joint defense call; legal research; call w/ D. Dagon	1.5
3/24/22	Westby	Review email from joint counsel; review doc from Dagon	.5
3/24/22	Rasch	Review joint defense emails; email from D. Dagon	.5
3/25/22	Westby	Review email from joint counsel; review letter from GT; t/c w/ M. Rasch, Dagon	1.0
3/25/22	Rasch	Common defense emails; GT doc review; call w/ D. Dagon	1.0

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
3/29/22	Westby	Email OSC re access transcripts; review ORR docs	4.3
3/29/22	Rasch	Draft pleading re access to GJ transcripts; GT doc review; emails re same	4.0
3/30/22	Westby	Tc w/ joint counsel; review information from joint defense; t/c w/ M. Rasch' review email from OSC & reply	1.3
3/30/22	Rasch	Call w/ J. Westby; call w/ joint counsel; doc review	1.6
3/31/22	Westby	Email joint counsel re docs to review;	.5
3/31/22	Rasch	Joint defense communications	.7
4/5/22	Westby	Review Sussmann motion re accuracy of data; review OSC filings;	.5
4/5/22	Rasch	Doc review; DeF filings, US v Sussmann	.5
4/6/22	Westby	Review email from joint counsel; review info re OSC position; t/c w/ M. Rasch	1.0
4/6/22	Rasch	Email from joint defense counsel	.9
4/7/22	Westby	Email M. Schamel & review reply	.2
4/7/22	Rasch	Review data re Manos Antonakakis	.3
4/11/22	Westby	T/c w/ M. Schamel; t/c w/ M. Rasch	.8
4/11/22	Rasch	Call w/ J. Westby; call w/ M. Schamel	.8
4/15/22	Westby	Review emails from joint counsel & reply re joint call; review court docs;	.6
4/15/22	Rasch	Review pleadings in Sussmann case; doc review ORR docs	.6
4/16/22	Westby	Review pleadings in Sussmann case; review ORR docs	1.0
4/16/22	Rasch	Review pleadings in Sussmann case; document review	1.0
4/18/22	Westby	Review emails from joint counsel; t/c w/ joint counsel & document; email expert witness; emails w/ joint counsel	2.8
4/18/22	Rasch	Review GT docs; joint defense call; review expert witness scope	3.0
4/19/22	Westby	T/c w/ joint counsel; review ORR docs; email joint counsel; t/c w/ M. Rasch; review draft from M. Rasch	2.5
4/19/22	Rasch	Review docs; joint defense call	2.3
4/25/22	Westby	Review order in Sussmann case; t/c w/ M. Rasch	1.0
4/25/22	Rasch	T/c w/ J. Westby; review pleadings/order	1.0
4/26/22	Westby	Review email from joint counsel & reply;	1.0
4/26/22	Rasch	T/c w/ J. Westby; review trial docs	.8
4/27/22	Westby	Review docs in Sussmann matter	4.5
4/27/22	Rasch	Sussmann doc review	4.5
4/28/22	Westby	Review emails w/ joint counsel; t/c w/ M. Rasch	.6
4/28/22	Rasch	Review transcript hearing scope of admissibility; call w/ J. Westby	.6
5/5/22	Westby	Review email from DeF & subpoena for trial testimony & reply; email D. Dagon re same	.5
5/5/22	Rasch	Review grand jury transcripts of D. Dagon; 302s, Jencks	.7

**GLOBAL CYBER LEGAL – TIME LOG FOR WESTBY & RASCH IN DAGON MATTER**

<b>Date</b>	<b>Personnel</b>	<b>Description of Activity</b>	<b>Hours</b>
5/6/22	Westby	Emails w/ DeF re testimony & transcripts; review court filings; email w/ M. Schamel re subpoena	1.5
5/6/22	Rasch	Review Jencks materials re testimony of witnesses	.8
5/7/22	Rasch	Review pleadings, scope of examination, GT ORR docs	1.4
5/9/22	Westby	Review court filings; email w/ M. Bosworth; t/c w/ DeF & team	1.5
5/11/22	Westby	Review court filings, witness lists; email joint defense counsel; t/c w/ joint defense counsel	1.3
5/11/22	Rasch	Review court orders re scope of direct/cross; t/c w/ Westby	1.0
5/12/22	Westby	Review court filings, court order	1.0
5/12/22	Rasch	Review order of court	1.0
5/13/22	Westby	Review court order	1.0
5/13/22	Rasch	Review testimony & trial briefs	1.0
<b>TOTAL</b>			<b>1029.9</b>

**TOTAL FEES CRIMINAL MATTER: 1029.9 hours @ \$350/HOUR = \$360,465.00**  
**(Discounted for GA from \$395/hour)**

**Total Hours To Date: 1029.9 hours @ \$395/hour = \$406,810.50**  
**Per retainer (reduced for Dagon from \$595/hour)**

**Total Hours to Date: 1029.9 hours @ \$595/hour = \$612,790.50**  
**Regular hourly rate**

**AMOUNT DISCOUNTED from \$395/hour = \$ 46,345.50**  
**AMOUNT DISCOUNTED from \$595/hour = \$252,325.50**

**TOTAL AMOUNT OWED CRIMINAL MATTER: \$360,465.00**

---

**From:** Abdallah, Chaouki T <ctabdallah@gatech.edu>  
**Sent:** Friday, September 24, 2021 1:56 PM  
**To:** Meeks, Blair  
**Cc:** Cabrera, Angel; Neville, Frank E; McLaughlin, Steven W; Fox,Kelly; Kopkowski, Renee; Elizabeth Young; Fuller,Christian; Wasch, Kate; Lunon, Darryl; Nie,Ling-Ling  
**Subject:** Re: Media statement for NYT

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Great!

Chaouki T. Abdallah  
Professor of Electrical & Computer Engineering  
Executive Vice President for Research  
Georgia Institute of Technology

On Sep 24, 2021, at 13:54, Meeks, Blair <wmeeks7@gatech.edu> wrote:

Hi team,  
Here is a reviewed draft of the statement we'd like to provide the NYT.  
Please call me with any suggested changes - available by mobile [REDACTED] when you need to reach out.  
Thank you!  
Blair

*A federal agency selected Georgia Tech and its researchers to work on some highly sensitive, extremely sophisticated computer systems research because of the school's and its researchers' world class reputations in this field and their high degree of integrity. The research was very much about securing the United States of America, its systems of governance and its people. All of the work conducted by Georgia Tech researchers was done in a strictly non-partisan way. These researchers focus on data, and everything they did in this case was a result of delving for the truth in the interests of national security.*

*It is important to point out that there is no suggestion in the indictment of any wrongdoing by anyone associated with Georgia Tech. Everyone connected with Georgia Tech has been cooperative with all aspects of the investigation into this matter.*

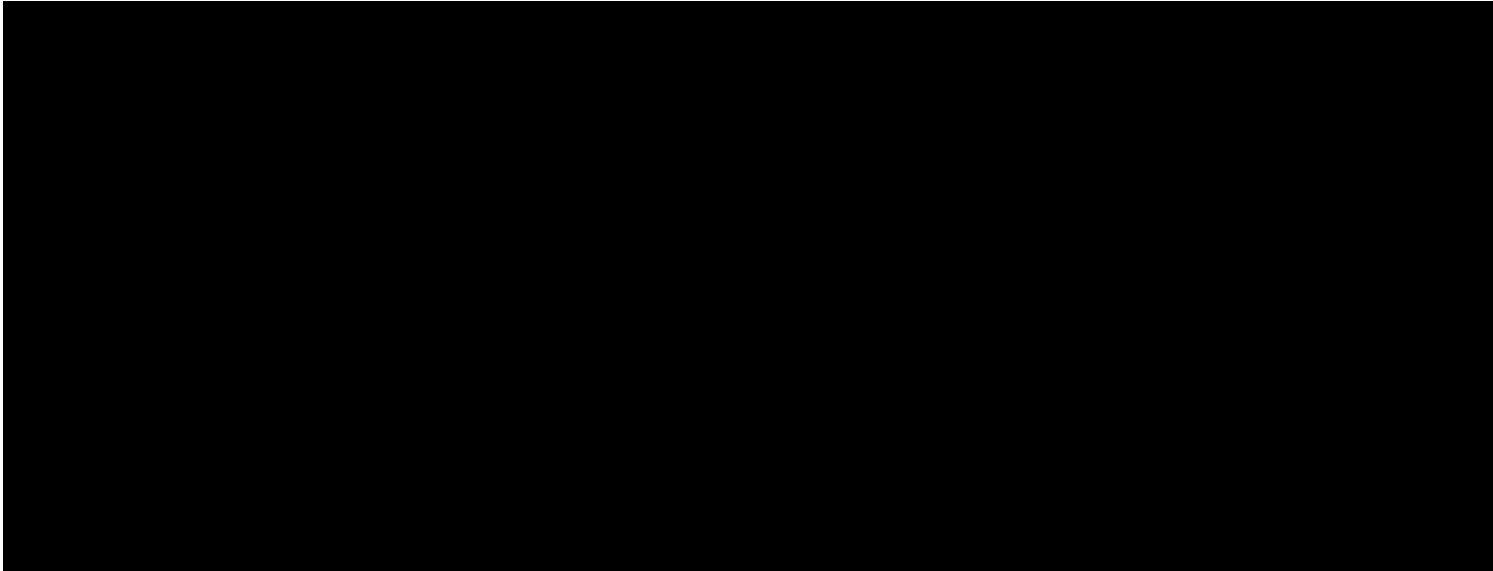
W. Blair Meeks  
Assistant Vice President External Communications


Office: 404-894-9793; Mobile: [REDACTED]

[www.gatech.edu](http://www.gatech.edu)









---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Sent:** Thursday, August 5, 2021 12:51 PM  
**To:** Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>; Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>; Fuller, Christian <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>  
**Subject:** FW: All travels on EA

Ana, Mark and Christian,

The only open item I had from the session we had with DoJ last Friday was to give them the International travels my team (really interested in Dave and me, I suspect) did under EA especially to Ukraine, UK, and other International destinations. Still unclear how this is related with anything, therefore, I will like Christian to check if we can disclose the information inline.

As I told them during the interview, I didn't remember anything outside academic conferences (RAID/DIMVA) and training events like MAAWG and O'Reilly.

Not sure there is anything interesting here.

Manos

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Date:** Thursday, August 5, 2021 at 12:45 PM  
**To:** Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>, Demar, Erica <[erica.demar@gatech.edu](mailto:erica.demar@gatech.edu)>  
**Subject:** Re: All travels on EA

Thank you very much, Michael.

Manos

---

**From:** Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>  
**Date:** Thursday, August 5, 2021 at 12:44 PM  
**To:** Demar, Erica <[erica.demar@gatech.edu](mailto:erica.demar@gatech.edu)>, Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Subject:** RE: All travels on EA

Hey Manos,

Sorry this took so long. I have a ticket put in for this but it still hasn't been answered, so I had to figure out a work around. There were 4 international trips taken on EA.

- 1) 07/05/2017 - 07/11/2017 – Yacin - Cologne Germany – Unsure but I believe it was the DIMVA Essos Conference. (\$2,629.66 Travel, \$547.19 Registration )
- 2) 10/02/2017 – 10/07/2017 – Chaz – Toronto Canada – M3AAWG conference (\$2,279.12 Travel)
- 3) 09/08/2018 – 09/17/2018 – Panos – Athens Greece – RAID Symposium (\$1,251.37 Travel)
- 4) 10/06/2018 – 10/15/2018 – Chaz – London UK – O'Reilley AI conference (\$4,271.79 Travel, Registration \$1,878.85)

Michael

---

**From:** Demar, Erica <[erica.demar@gatech.edu](mailto:erica.demar@gatech.edu)>  
**Sent:** Thursday, August 5, 2021 9:43 AM  
**To:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>; Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>  
**Subject:** RE: All travels on EA

Will do.

Erica Demar  
Research Coordinator I  
Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology  
[edemar6@gatech.edu](mailto:edemar6@gatech.edu) | [coeus.center](http://coeus.center) | [gatech.edu](http://gatech.edu)

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Sent:** Thursday, August 5, 2021 9:42 AM  
**To:** Demar, Erica <[erica.demar@gatech.edu](mailto:erica.demar@gatech.edu)>; Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>  
**Subject:** Re: All travels on EA

Ok. Please figure it out because people from the USG is asking for this information.

---

**From:** Demar, Erica <[erica.demar@gatech.edu](mailto:erica.demar@gatech.edu)>  
**Sent:** Thursday, August 5, 2021 9:40:12 AM  
**To:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>; Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>  
**Subject:** RE: All travels on EA

We cannot access the legacy travel & expense records. Michael submitted a ticket via ServiceNow to OIT. We need it to see travel prior to June 2019.

Erica Demar  
Research Coordinator I  
Center for Cyber Operations Enquiry and Unconventional Sensing (COEUS)  
School of Electrical and Computer Engineering | Georgia Institute of Technology  
[edemar6@gatech.edu](mailto:edemar6@gatech.edu) | [coeus.center](http://coeus.center) | [gatech.edu](http://gatech.edu)

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Sent:** Thursday, August 5, 2021 9:33 AM  
**To:** Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Demar, Erica <[erica.demar@gatech.edu](mailto:erica.demar@gatech.edu)>  
**Subject:** Re: All travels on EA

Why this is talking so long?

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Sent:** Friday, July 30, 2021 3:21:50 PM  
**To:** Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Demar, Erica <[erica.demar@gatech.edu](mailto:erica.demar@gatech.edu)>  
**Subject:** Re: All travels on EA

Who travel where, when and why. I do not think anyone went abroad with EA money, but I could be wrong. I might have gone at a MAAWG in Ireland, but I do not remember if it was under EA.

---

**From:** Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>  
**Sent:** Friday, July 30, 2021 3:17:21 PM  
**To:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>; Demar, Erica <[erica.demar@gatech.edu](mailto:erica.demar@gatech.edu)>  
**Subject:** RE: All travels on EA

We will get to work on this. What records do you need? Do you need a list of people, places, and reasons for traveling? Or do you need copies of tickets and all the corresponding documentation that goes with it?

---

**From:** Antonakakis, Manos <[manos@gatech.edu](mailto:manos@gatech.edu)>  
**Sent:** Friday, July 30, 2021 3:14 PM  
**To:** Mitchell, Michael F <[michael.mitchell@ece.gatech.edu](mailto:michael.mitchell@ece.gatech.edu)>; Demar, Erica <[erica.demar@gatech.edu](mailto:erica.demar@gatech.edu)>  
**Subject:** All travels on EA

Michael and Erica,

I need all non-domestic travel records for EA. Again, I am only interested in non-domestic traveling.

Thanks, Manos

---

**From:** Jara, Ana <AJara@lowenstein.com>  
**Sent:** Friday, July 30, 2021 1:02 PM  
**To:** EYoung@LAW.GA.GOV  
**Subject:** FW: Meeting with government  
**Attachments:** attachment.ics

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

-----Original Appointment-----

**From:** Jara, Ana  
**Sent:** Friday, July 30, 2021 10:08 AM  
**To:** Jara, Ana; DeFilippis, Andrew (USANYS); kate.wasch@legal.gatech.edu; Eckenrode, John (JMD); Aldenberg, William B. (NH) (FBI); Keilty, Michael (USANYE); Scarpelli, Anthony (USADC); Patel, Neeraj (USACT); Maddock, Adam M. (CyD) (FBI); Beutler, Kristen M. (CG) (FBI); Schamel, Mark; Antonakakis, Manos  
**Cc:** Fuhrman, Timothy (USACT)  
**Subject:** Meeting with government  
**When:** Friday, July 30, 2021 1:00 PM-2:55 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** WebEx Information in Notes

-- Do not delete or change any of the following text. --

**When it's time, join your Webex meeting here.**

[Join meeting](#)

**More ways to join:**

**Join from the meeting link**

<https://ls1.webex.com/ls1/j.php?MTID=m1fa20a6e4acb3f22484966495fb8601c>

**Join by meeting number**

Meeting number (access code): [REDACTED]

Meeting password: [REDACTED]

**Tap to join from a mobile device (attendees only)**

+ [REDACTED] ## United States Toll

[REDACTED] ## United States Toll Free

**Join by phone**

+1-408-418-9388 United States Toll

1-844-992-4726 United States Toll Free

[Global call-in numbers](#) | [Toll-free calling restrictions](#)

**Join from a video system or application**

Dial [1796514485](tel:1796514485)@ls1.webex.com

You can also dial 173.243.2.68 and enter your meeting number.

**Join using Microsoft Lync or Microsoft Skype for Business**

Dial [1796514485](tel:1796514485).ls1@lync.webex.com

If you are a host, [click here](#) to view host information.

Need help? Go to <https://help.webex.com>

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Monday, August 2, 2021 9:52 AM  
**To:** MSchamel@lowenstein.com; AJara@lowenstein.com  
**Subject:** FW: Rhannusia Logs

Mark and Ana,

Before we respond to this, I thought I'd check to see if your client has any concern about production of the Rhannusia chat logs (attached). Please let me know asap if there is anything you think we should know before we respond.

Thanks,  
Beth

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
Sent: Monday, August 2, 2021 8:23 AM  
To: Elizabeth Young <EYoung@LAW.GA.GOV>  
Cc: Kate Wasch <kate.wasch@legal.gatech.edu>; Jody R Westby <westby@globalcyberlegal.com>; Mark D. Rasch <rasch@globalcyberlegal.com>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam M. (CyD) (FBI) <ammaddock@fbi.gov>  
Subject: Re: Rhannusia Logs

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Beth,

Will you be able to produce to us today the Rhannusia chats that Mr. Dagon identified? We request that you produce them in their entirety, as we believe based on representations from Mr. Dagon and his counsel that entire set of logs is pertinent to our investigation. If necessary we can provide you with a subpoena for the full set of logs. Let us know. Thanks.

> On Jul 30, 2021, at 10:02 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>

> I reached out to Ms. Westby after our call yesterday and she confirmed that Mr. Dagon has copies of these chat logs and will be forwarding them to us so that we can review and produce them.

>

> Beth Young

> Assistant Attorney General

> Office of the Attorney General Chris Carr Government Services &

> Employment

> (404) 458-3425

> eyoung@law.ga.gov

> Georgia Department of Law

> 40 Capitol Square SW

> Atlanta, Georgia 30334

>

>

>

> -----Original Message-----

> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>

> Sent: Friday, July 30, 2021 7:43 AM

> To: Elizabeth Young <EYoung@LAW.GA.GOV>; Kate Wasch

> <kate.wasch@legal.gatech.edu>; Jody R Westby

> <westby@globalcyberlegal.com>; Mark D. Rasch

> <rasch@globalcyberlegal.com>

> Cc: Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Scarpelli,

> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Keilty, Michael

> (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT)

> <Neeraj.Patel@usdoj.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

> Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam

> M. (CyD) (FBI) <ammaddock@fbi.gov>

> Subject: Rhannusia Logs

>

> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>

>

> All,

>

> As we have discussed with each of you, Mr. Dagon has identified "Rhannusia" chat communications that we understand are responsive to our subpoena and relevant to our investigation. We would like to obtain these communications promptly and would also like to minimize the burdens on all involved.

>

> Beth, can you please confirm in response to this email that Georgia Tech authorizes and requests that Mr. Dagon provide those logs to the government as an employee of Georgia Tech? If you would like us to issue a subpoena for them specifically and will accept service, we can do so today.

>

> Jody/Mark, can you please let us know when Mr. Dagon can provide the logs to us or, alternatively, to Georgia Tech for production to us?

>

> We are hopeful that we can find a solution to this issue in the near term and avoid unnecessary legal process or disruptions.

>



> Thank you very much.

---

**From:** Jara, Ana <AJara@lowenstein.com>  
**Sent:** Friday, July 30, 2021 1:03 PM  
**To:** Wasch, Kate  
**Cc:** Elizabeth Young  
**Subject:** RE: Dr. Antonakakis

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Yes, I forwarded the invite. Let me know, Beth, if you have any trouble.

**Ana Jara**

She | Her | Hers  
Counsel  
Lowenstein Sandler LLP

T: 202.753.3747  
F: 973.597.2400

---

**From:** Wasch, Kate  
**Sent:** Friday, July 30, 2021 1:01 PM  
**To:** Jara, Ana  
**Cc:** Elizabeth Young  
**Subject:** RE: Dr. Antonakakis

Hi, Ana. Can you add Beth to the call? I do not plan to attend.  
Kate

---

**From:** Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Sent:** Friday, July 30, 2021 10:21 AM  
**To:** DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>  
**Cc:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>; Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Eckenrode, John (JMD) <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI) <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Scarpelli, Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Patel, Neeraj (USACT) <[Neeraj.Patel@usdoj.gov](mailto:Neeraj.Patel@usdoj.gov)>; Maddock, Adam M. (CyD) (FBI) <[ammaddock@fbi.gov](mailto:ammaddock@fbi.gov)>; Beutler, Kristen M. (CG) (FBI) <[kmbeutler@fbi.gov](mailto:kmbeutler@fbi.gov)>; Fuhrman, Tim (JMD) <[Tim.Fuhrman@usdoj.gov](mailto:Tim.Fuhrman@usdoj.gov)>  
**Subject:** RE: Dr. Antonakakis

Done.

**Ana Jara**  
She | Her | Hers

Counsel  
Lowenstein Sandler LLP

T: 202.753.3747  
F: 973.597.2400

---

**From:** DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>  
**Sent:** Friday, July 30, 2021 10:14 AM  
**To:** Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Cc:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>; [kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu); Eckenrode, John (JMD) <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI) <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Scarpelli, Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Patel, Neeraj (USACT) <[Neeraj.Patel@usdoj.gov](mailto:Neeraj.Patel@usdoj.gov)>; Maddock, Adam M. (CyD) (FBI) <[ammaddock@fbi.gov](mailto:ammaddock@fbi.gov)>; Beutler, Kristen M. (CG) (FBI) <[kmbeutler@fbi.gov](mailto:kmbeutler@fbi.gov)>; Fuhrman, Tim (JMD) <[Tim.Fuhrman@usdoj.gov](mailto:Tim.Fuhrman@usdoj.gov)>  
**Subject:** Re: Dr. Antonakakis

Thanks, would you mind adding Tim Fuhrman (copied) as well?

On Jul 30, 2021, at 10:09 AM, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)> wrote:

I sent the calendar invite to all on this group along with Manos. Talk to you all then.

Best,  
Ana

**Ana Jara**  
She | Her | Hers  
Counsel  
Lowenstein Sandler LLP

T: 202.753.3747  
F: 973.597.2400

---

**From:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>  
**Sent:** Friday, July 30, 2021 10:07 AM  
**To:** DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>  
**Cc:** Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>; [kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu); Eckenrode, John (JMD) <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI) <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Scarpelli, Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Patel, Neeraj (USACT) <[Neeraj.Patel@usdoj.gov](mailto:Neeraj.Patel@usdoj.gov)>; Maddock, Adam M. (CyD) (FBI) <[ammaddock@fbi.gov](mailto:ammaddock@fbi.gov)>; Beutler, Kristen M. (CG) (FBI) <[kmbeutler@fbi.gov](mailto:kmbeutler@fbi.gov)>  
**Subject:** Re: Dr. Antonakakis

We can start at 1.  
Will send an invite now.

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

T: 202.753.3805  
M: 202.841.3401  
F: 973.597.2400



On Jul 30, 2021, at 7:24 AM, Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)> wrote:

Will confirm as soon as I hear from Manos.

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

T: 202.753.3805  
M: 202.841.3401  
F: 973.597.2400



On Jul 30, 2021, at 7:08 AM, DeFilippis, Andrew (USANYS)  
<[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)> wrote:

Ok thank you, that works for us.

On Jul 30, 2021, at 7:04 AM, Schamel, Mark  
<[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)> wrote:

Andrew  
I can move some things around and do 1230 to 255. I  
will check with Ana and Manos.  
Mark

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

T: 202.753.3805  
M: 202.841.3401  
F: 973.597.2400



On Jul 29, 2021, at 6:26 PM, DeFilippis, Andrew (USANYS)  
<[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)> wrote:

Mark,

Thank you, could we do the WebEx some time after noon? We are tied up in the morning.

On Jul 29, 2021, at 3:01 PM, Schamel, Mark  
<[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)> wrote:

Andrew et al

I know you are all quite excited about speaking with Manos, so we will send out a WebEx invite for tomorrow morning at 915 am. Given that you have now appropriately categorized Dr. Antonakakis as a witness and indicated your willingness to meet with him informally rather than in a Grand Jury, we are

happy to have a follow up meeting as discussed. Please just confirm that you can do that window.

Also, we are including Kate Wasch from the Georgia Attorney General's Office, as counsel to Georgia Tech. This should streamline your requests for documents going forward.

Mark

**Mark E. Schamel**

Partner

Lowenstein Sandler LLP

**T:** 202.753.3805

**M:** 202.841.3401

**F:** 973.597.2400



---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

**From:** Jara, Ana <AJara@lowenstein.com>  
**Sent:** Monday, August 2, 2021 6:45 PM  
**To:** Elizabeth Young; Schamel, Mark  
**Subject:** RE: Rhannusia Logs

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Crazy day but apologies for the late response. Let me check with Manos now and will get back to you.

-----Original Message-----

From: Elizabeth Young <EYoung@LAW.GA.GOV>  
Sent: Monday, August 2, 2021 9:52 AM  
To: Schamel, Mark <MSchamel@lowenstein.com>; Jara, Ana <AJara@lowenstein.com>  
Subject: FW: Rhannusia Logs

Mark and Ana,

Before we respond to this, I thought I'd check to see if your client has any concern about production of the Rhamnousia chat logs (attached). Please let me know asap if there is anything you think we should know before we respond.

Thanks,  
Beth

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
Sent: Monday, August 2, 2021 8:23 AM  
To: Elizabeth Young <EYoung@LAW.GA.GOV>  
Cc: Kate Wasch <kate.wasch@legal.gatech.edu>; Jody R Westby <westby@globalcyberlegal.com>; Mark D. Rasch <rasch@globalcyberlegal.com>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam M. (CyD) (FBI) <ammaddock@fbi.gov>  
Subject: Re: Rhannusia Logs

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.



Good morning Beth,

Will you be able to produce to us today the Rhannousia chats that Mr. Dagon identified? We request that you produce them in their entirety, as we believe based on representations from Mr. Dagon and his counsel that entire set of logs is pertinent to our investigation. If necessary we can provide you with a subpoena for the full set of logs. Let us know. Thanks.

> On Jul 30, 2021, at 10:02 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>  
> I reached out to Ms. Westby after our call yesterday and she confirmed that Mr. Dagon has copies of these chat logs and will be forwarding them to us so that we can review and produce them.

>  
> Beth Young  
> Assistant Attorney General  
> Office of the Attorney General Chris Carr Government Services &  
> Employment  
> (404) 458-3425  
> eyoung@law.ga.gov  
> Georgia Department of Law  
> 40 Capitol Square SW  
> Atlanta, Georgia 30334

>  
>  
>

> -----Original Message-----

> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
> Sent: Friday, July 30, 2021 7:43 AM  
> To: Elizabeth Young <EYoung@LAW.GA.GOV>; Kate Wasch  
> <kate.wasch@legal.gatech.edu>; Jody R Westby  
> <westby@globalcyberlegal.com>; Mark D. Rasch  
> <rasch@globalcyberlegal.com>  
> Cc: Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Scarpelli,  
> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Keilty, Michael  
> (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT)  
> <Neeraj.Patel@usdoj.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
> Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam  
> M. (CyD) (FBI) <ammaddock@fbi.gov>  
> Subject: Rhannousia Logs

>  
> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>  
>  
> All,  
>

> As we have discussed with each of you, Mr. Dagon has identified "Rhannousia" chat communications that we understand are responsive to our subpoena and relevant to our investigation. We would like to obtain these communications promptly and would also like to minimize the burdens on all involved.

- >
- > Beth, can you please confirm in response to this email that Georgia Tech authorizes and requests that Mr. Dagon provide those logs to the government as an employee of Georgia Tech? If you would like us to issue a subpoena for them specifically and will accept service, we can do so today.
- >
- > Jody/Mark, can you please let us know when Mr. Dagon can provide the logs to us or, alternatively, to Georgia Tech for production to us?
- >
- > We are hopeful that we can find a solution to this issue in the near term and avoid unnecessary legal process or disruptions.
- >
- > Thank you very much.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

**From:** Jara, Ana <AJara@lowenstein.com>  
**Sent:** Friday, July 30, 2021 10:11 AM  
**To:** Elizabeth Young; 'Wasch, Kate'  
**Cc:** Schamel, Mark  
**Subject:** RE: Time for a quick call today?

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

I wanted to follow up from our conversation yesterday and let you know that we have a call with Manos and the government (which Kate has been included on) this afternoon. We will provide you with an update once that call is complete.

Best,  
Ana

**Ana Jara**  
She | Her | Hers  
Counsel  
Lowenstein Sandler LLP

**T:** 202.753.3747  
**F:** 973.597.2400

---

**From:** Elizabeth Young  
**Sent:** Thursday, July 29, 2021 11:06 AM  
**To:** 'Wasch, Kate' ; Jara, Ana  
**Cc:** Schamel, Mark  
**Subject:** RE: Time for a quick call today?

That works for me as well.



**Beth Young**  
**Assistant Attorney General**  
**Office of the Attorney General Chris Carr**  
**Government Services & Employment**  
(404) 458-3425  
[eyoung@law.ga.gov](mailto:eyoung@law.ga.gov)  
Georgia Department of Law



40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>  
**Sent:** Thursday, July 29, 2021 11:02 AM  
**To:** Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Cc:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>; Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>  
**Subject:** RE: Time for a quick call today?

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks, that works for me. Beth, are you available then?

---

**From:** Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Sent:** Thursday, July 29, 2021 10:58 AM  
**To:** Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>  
**Cc:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>; Elizabeth Young <[EYoung@law.ga.gov](mailto:EYoung@law.ga.gov)>  
**Subject:** Re: Time for a quick call today?

Good morning,

I think Mark and I can do 2:30 EST if that works for you?

Best,  
Ana

**Ana Jara**  
She | Her | Hers  
Counsel  
Lowenstein Sandler LLP

**T:** 202.753.3747  
**F:** 973.597.2400



On Jul 29, 2021, at 10:11 AM, Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)> wrote:

Good morning, Mark and Ana. I am working with Christian Fuller on matters related to Manos's lab. Do you have any time today for a quick call with me and Beth?

Kate Wasch  
Chief Counsel, Employment & Litigation

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Tuesday, July 27, 2021 2:14 PM  
**To:** MSchamel@lowenstein.com  
**Subject:** Georgia Tech subpoena response

Mr. Schamel,

I'm working on Georgia Tech's subpoena response and have a few questions to run by you. Would you be available for a quick call this afternoon?

Thanks,  
Beth Young



**Beth Young**  
Assistant Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Schamel, Mark <MSchamel@lowenstein.com>  
**Sent:** Tuesday, July 20, 2021 3:23 PM  
**To:** Fuller, Christian; Jara, Ana  
**Cc:** Elizabeth Young  
**Subject:** RE: DARPA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Excellent. Thank you. Our plan is to send you a list of the dozen or so documents we would like to turn over to the special counsel. If you would not mind having those pulled and confirm, we will either forward a copy from you, or we can simply make our own informal production and send you a copy.

Whatever is easiest for you.

Mark

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

**T:** 202.753.3805

**M:** 202.841.3401

**F:** 973.597.2400



---

**From:** Fuller, Christian  
**Sent:** Tuesday, July 20, 2021 3:10 PM  
**To:** Schamel, Mark ; Jara, Ana  
**Cc:** Elizabeth Young  
**Subject:** FW: DARPA

Mark and Ana—

Following up on my chat with Mark a moment ago, DARPA's general counsel forwarded this response to Georgia Tech (see below). Based on the response, Georgia Tech can give authorization for Manos to release any unclassified, DARPA-related records that are considered Georgia Tech's property, pursuant to the DOJ investigative subpoena. My understanding is that Manos does not have any classified documents; however, if there are any classified documents, follow up with Mr. Darin Smith (as instructed below) before any exchange with DOJ.

If there are any questions or concerns, please feel free to reach out.

Thanks,

**Christian Fuller**

Senior Counsel, Employment & Litigation  
Georgia Institute of Technology  
Phone: 404-403-8204  
[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)

---

**From:** Lopes, Crane <[Crane.Lopes@darpa.mil](mailto:Crane.Lopes@darpa.mil)>  
**Sent:** Tuesday, July 20, 2021 2:16 PM  
**To:** DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>; Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>  
**Cc:** Fuller, Christian <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>; Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Nie, Ling-Ling <[linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)>; Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Patel, Neeraj (USACT) <[Neeraj.Patel@usdoj.gov](mailto:Neeraj.Patel@usdoj.gov)>; Scarpelli, Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Eckenrode, John (JMD) <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI) <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Maddock, Adam M. (CyD) (FBI) <[ammaddock@fbi.gov](mailto:ammaddock@fbi.gov)>; James, Ryan Joseph (INSD) (FBI) <[rjames@fbi.gov](mailto:rjames@fbi.gov)>; Bennett, Wes <[wes.bennett@darpa.mil](mailto:wes.bennett@darpa.mil)>; Smith, Darin <[Darin.Smith@darpa.mil](mailto:Darin.Smith@darpa.mil)>  
**Subject:** RE: DARPA

Ms. Young:

Thank you for your diligence in protecting DARPA-related records and other documents from unauthorized use or disclosure.

I have discussed this matter with Wes Bennett, the Director of the DARPA Contracts Management Office. Mr. Bennett is info-copied on this message. We request that you cooperate with the Department of Justice (DoJ) by immediately providing them with all DARPA-related unclassified documents and records in your possession and that are requested by their subpoena.

If DoJ has requested DARPA-related classified documents and records in your possession, release should be coordinated with Mr. Darin Smith, DARPA Security & Intelligence Directorate. Mr. Smith is info-copied on this message.

Please contact me if I can assist you.

Crane Lopes, Ph.D.  
General Counsel  
DARPA  
Off | 571.218.4887 📞  
Mob | 571.239.5084



Creating **BREAKTHROUGH TECHNOLOGIES**  
For National Security

---

**From:** DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>  
**Sent:** Tuesday, July 20, 2021 10:51 AM  
**To:** Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>



**Cc:** 'Fuller, Christian' <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>; Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Ling-Ling Nie ([linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)) <[linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)>; Lopes, Crane <[Crane.Lopes@darpa.mil](mailto:Crane.Lopes@darpa.mil)>; Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Patel, Neeraj (USACT) <[Neeraj.Patel@usdoj.gov](mailto:Neeraj.Patel@usdoj.gov)>; Scarpelli, Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Eckenrode, John (JMD) <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI) <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Maddock, Adam M. (CyD) (FBI) <[ammaddock@fbi.gov](mailto:ammaddock@fbi.gov)>; James, Ryan Joseph (INSD) (FBI) <[rjames@fbi.gov](mailto:rjames@fbi.gov)>

**Subject:** DARPA

Ms. Young,

Thank you very much for our call earlier today. On that call, you requested that we provide assurance that the Defense Advanced Research Projects Agency (DARPA) has no objection to Georgia Tech's providing documents and other records in response to our federal grand jury subpoena that relate to a contract between Georgia Tech and DARPA. I am copying Crane Lopes, General Counsel of DARPA. Mr. Lopes and DARPA have been fully cooperative with and supportive of our investigative efforts. On a phone call that occurred a few minutes ago, Mr. Lopes has assured me again that DARPA has no objections to Georgia Tech's provision of any records or information (both classified and unclassified) to our team and to the grand jury.

As noted, federal law requires you to provide such records regardless of any potentially applicable contractual restrictions.

Please let me know if you have any questions. We would appreciate if you could also please confirm that you consent to the two Georgia Tech employees we discussed providing responsive records that they have identified. Thank you.

Andrew J. DeFilippis  
Assistant Special Counsel  
U.S. Department of Justice  
(646) 530-0087

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Thursday, July 29, 2021 11:06 AM  
**To:** kate.wasch@legal.gatech.edu; AJara@lowenstein.com  
**Cc:** MSchamel@lowenstein.com  
**Subject:** RE: Time for a quick call today?

That works for me as well.



**Beth Young**  
Assistant Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Sent:** Thursday, July 29, 2021 11:02 AM  
**To:** Jara, Ana <AJara@lowenstein.com>  
**Cc:** Schamel, Mark <MSchamel@lowenstein.com>; Elizabeth Young <EYoung@LAW.GA.GOV>  
**Subject:** RE: Time for a quick call today?

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks, that works for me. Beth, are you available then?

---

**From:** Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Sent:** Thursday, July 29, 2021 10:58 AM  
**To:** Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>  
**Cc:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>; Elizabeth Young <[EYoung@law.ga.gov](mailto:EYoung@law.ga.gov)>  
**Subject:** Re: Time for a quick call today?

Good morning,

I think Mark and I can do 2:30 EST if that works for you?

Best,  
Ana

**Ana Jara**

She | Her | Hers

Counsel

Lowenstein Sandler LLP

T: 202.753.3747

F: 973.597.2400



On Jul 29, 2021, at 10:11 AM, Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)> wrote:

Good morning, Mark and Ana. I am working with Christian Fuller on matters related to Manos's lab. Do you have any time today for a quick call with me and Beth?

Kate Wasch  
Chief Counsel, Employment & Litigation

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Thursday, July 29, 2021 4:17 PM  
**To:** Andrew.DeFilippis@usdoj.gov  
**Subject:** Accepted: Special Counsel/Georgia Tech  
**Attachments:** attachment.ics

---

**From:** DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Sent:** Tuesday, July 20, 2021 10:24 PM  
**To:** Elizabeth Young; Mark Rasch; Jody R Westby; 'Fuller, Christian'; Wasch, Kate  
**Cc:** Eckenrode, John (JMD); Aldenberg, WilliamB. (NH) (FBI); Fuhrman, Tim (JMD); Keilty, Michael (USANYE); Scarpelli, Anthony (USADC); Patel, Neeraj (USACT)  
**Subject:** Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Evening Counsel for Georgia Tech and Counsel for David Dagon,

We hope all is well. Can you please let us know when you are available for a joint call tomorrow -- preferably at either 11:30 AM, 2:20 PM or 3:30 PM? We would like to discuss your clients' compliance with recently issued federal grand jury subpoenas. It is important that we have this call to ensure timely and comprehensive compliance with the subpoenas. Thanks very much.

The Special Counsel Team

---

**From:** DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Sent:** Tuesday, July 20, 2021 10:51 AM  
**To:** Elizabeth Young  
**Cc:** 'Fuller, Christian'; Wasch, Kate; Ling-Ling Nie (linglingnie@gatech.edu); Lopes, Crane; Keilty,Michael (USANYE); Patel, Neeraj (USACT); Scarpelli, Anthony (USADC); Eckenrode, John (JMD); Aldenberg, William B.(NH) (FBI); Maddock, Adam M. (CyD) (FBI); James, Ryan Joseph (INSD) (FBI)  
**Subject:** DARPA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ms. Young,

Thank you very much for our call earlier today. On that call, you requested that we provide assurance that the Defense Advanced Research Projects Agency (DARPA) has no objection to Georgia Tech's providing documents and other records in response to our federal grand jury subpoena that relate to a contract between Georgia Tech and DARPA. I am copying Crane Lopes, General Counsel of DARPA. Mr. Lopes and DARPA have been fully cooperative with and supportive of our investigative efforts. On a phone call that occurred a few minutes ago, Mr. Lopes has assured me again that DARPA has no objections to Georgia Tech's provision of any records or information (both classified and unclassified) to our team and to the grand jury.

As noted, federal law requires you to provide such records regardless of any potentially applicable contractual restrictions.

Please let me know us you have any questions. We would appreciate if you could also please confirm that you consent to the two Georgia Tech employees we discussed providing responsive records that they have identified. Thank you.

Andrew J. DeFilippis  
Assistant Special Counsel  
U.S. Department of Justice  
(646) 530-0087

---

**From:** eyoung@law.ga.gov  
**Sent:** Wednesday, July 28, 2021 11:02 AM  
**To:** eyoung@law.ga.gov; andrew.defilippis@usdoj.gov  
**Subject:** Link to Kiteworks Folder

## Kiteworks

Elizabeth Young sent a message related to the "Georgia Tech - Documents Produced in Response to Grand Jury Subpoena" folder

[Access folder](#)

Here is a link to a Kiteworks folder containing Georgia Tech's production of documents in response to the Grand Jury Subpoena:

[Redacted link]

Secured by **Kiteworks**

This message requires that you sign in to access the folder and any files in it.

---

**From:** DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Sent:** Thursday, July 29, 2021 4:20 PM  
**To:** Elizabeth Young  
**Cc:** Fuller, Christian; Wasch, Kate; Eckenrode, John (JMD); Aldenberg, William B. (NH) (FBI); Fuhrman, Tim (JMD); Keilty, Michael (USANYE); Scarpelli, Anthony(USADC); Patel, Neeraj (USACT)  
**Subject:** Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Let's use the dial in below at 4:30. Sorry I left it off the last invite.

Dial-in

Conference ID: [REDACTED]

On Jul 29, 2021, at 10:45 AM, Elizabeth Young wrote:

We are working on responding to the issues you've raised in this and your previous email. Sometime late afternoon would be best - would 4:00 work for you?

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3425  
mailto:eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: DeFilippis, Andrew (USANYS)  
Sent: Thursday, July 29, 2021 6:44 AM  
To: Elizabeth Young



Cc: Fuller, Christian ; Wasch, Kate ; Eckenrode, John (JMD) ; Aldenberg, William B. (NH) (FBI) ; Fuhrman, Tim (JMD) ; Keilty, Michael (USANYE) ; Scarpelli, Anthony (USADC) ; Patel, Neeraj (USACT)  
Subject: Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Beth,

The white papers and related documents you produced to us are documents that \*we\* provided to Dr. Antonakakis's counsel for their client's review. That is where his counsel obtained them. It appears you have not located any responsive documents. We are also told by Mr. Dagon's counsel that he pointed you to a number of responsive records. We further understand that Michael Farrell likely has responsive documents. When are you available for a call today to discuss?

We may need a Georgia Tech custodian to testify in grand jury next week about the steps taken to search for responsive records. Let us know some times today when you are free.

Thanks.

On Jul 28, 2021, at 10:59 AM, Elizabeth Young wrote:

I am sending you via Kiteworks a link to a folder containing the documents that Georgia Tech is able to produce with regard to the three categories of documents you asked us to search for during our 7/21 phone conference as follows:

1. White papers/analytical papers related to Trump/Alfa Bank/Yotaphone: We are providing copies of several white papers and related documents that we received via counsel for Dr. Antonakakis. We are not certain as to the origin and storage history of these documents and therefore cannot provide authentication for these documents as business records of Georgia Tech.
2. Email communications related to Trump/Alfa Bank/Yotaphone: You asked us to revisit our prior email production to ensure that no responsive communications had been overlooked in our earlier email response. A new search was conducted using the original search terms listed in the earlier subpoena, and added white papers and analytical papers to the request. The search did identify a number of emails that were not included in the initial production, although they appear to be irrelevant and are predominantly junk mail. However, I am providing them to you in order to demonstrate Tech's compliance with your request.
3. You indicated that there was a "fairly large file of Trump related materials" that had been assembled for production to the office of Special Counsel Robert Muller

or the DOJ. We are unable to locate such a file. I have been informed that Dr. Antonakakis has searched his server for such a file and did not find anything meeting that description.

If you would like me to add any additional recipients to the Kiteworks folder, please let me know.

Thank you,

Beth Young

Assistant Attorney General

Office of the Attorney General Chris Carr Government Services &

Employment

(404) 458-3425

mailto:eyoung@law.ga.gov

Georgia Department of Law

40 Capitol Square SW

Atlanta, Georgia 30334

-----Original Message-----

From: DeFilippis, Andrew (USANYS)

Sent: Wednesday, July 28, 2021 6:37 AM

To: Elizabeth Young

Cc: Fuller, Christian ; Wasch, Kate

; Eckenrode, John (JMD)

; Aldenberg, William B. (NH) (FBI)

; Fuhrman, Tim (JMD) ;

Keilty, Michael (USANYE) ; Scarpelli,

Anthony (USADC) ; Patel, Neeraj (USACT)

Subject: Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Beth,

You had said on Friday that you hoped to start producing documents on Monday. Can we expect to receive them today? Thanks.

On Jul 23, 2021, at 9:31 AM, Elizabeth Young wrote:

That's fine. Talk to you then.

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services &  
Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: DeFilippis, Andrew (USANYS)  
Sent: Friday, July 23, 2021 9:08 AM  
To: Elizabeth Young  
Cc: Fuller, Christian ; Wasch,  
Kate ; Eckenrode, John (JMD)  
; Aldenberg, William B. (NH) (FBI)  
; Fuhrman, Tim (JMD) ;  
Keilty, Michael (USANYE) ; Scarpelli,  
Anthony (USADC) ; Patel, Neeraj (USACT)

Subject: Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization.  
Do not click links or open attachments unless you recognize the  
sender and know the content is safe.

Can we say 4:30? Thank you.

On Jul 23, 2021, at 8:59 AM,  
Elizabeth Young wrote:

I'm booked up this morning but available after  
lunch - how about 2:30? If that doesn't work let me  
know what does.

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr  
Government Services &  
Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: DeFilippis, Andrew (USANYS)  
Sent: Thursday, July 22, 2021 10:17 PM  
To: Elizabeth Young  
Cc: Fuller, Christian ; Wasch,  
Kate ; Eckenrode, John (JMD)  
; Aldenberg, William B. (NH) (FBI)  
; Fuhrman, Tim (JMD) ;  
Keilty, Michael (USANYE) ; Scarpelli,

Anthony (USADC) ; Patel, Neeraj (USACT)

Subject: Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Beth,

We hope all is well. Can you let us know some times tomorrow when you would be available for an update call?

Thank you.

On Jul 21, 2021, at  
8:07 AM, Elizabeth  
Young wrote:

I'm available for a call at 3:30 today.  
Please let me know what number  
you'd like me to call.

Elizabeth (Beth) Young

Assistant Attorney General

Office of the Attorney General Chris  
Carr Government Services &

Employment

(404) 458-3425

[eyoung@law.ga.gov](mailto:eyoung@law.ga.gov)

Georgia Department of Law

40 Capitol Square SW

Atlanta, Georgia 30334

-----Original Message-----

From: DeFilippis, Andrew  
(USANYS)

Sent: Wednesday, July 21, 2021 7:05  
AM

To: Jody R Westby  
Cc: Elizabeth Young ; Mark Rasch  
; Fuller, Christian  
; Wasch, Kate  
; Eckenrode, John (JMD)  
; Aldenberg, William B. (NH) (FBI)  
; Fuhrman, Tim (JMD) ;  
Keilty, Michael (USANYE) ;  
Scarpelli,  
Anthony (USADC) ; Patel, Neeraj  
(USACT)

Subject: RE: Call Tomorrow  
(Special Counsel Investigation)

CAUTION: This email originated  
from outside of the organization. Do  
not click links or open attachments  
unless you recognize the sender and  
know the content is safe.

Jody, It is unfortunate that you are  
not willing to join a call with  
Georgia Tech's counsel for purposes  
of efficiency and to avoid delaying  
compliance with federal subpoenas.  
Regardless, can we please speak at  
11:30 AM with you and Mark? Beth,  
would you then be available for a  
separate call with our team at either  
2:30 PM or 3:30 PM?

-----Original Message-----

From: Jody R Westby  
Sent: Tuesday, July 20, 2021 11:23  
PM  
To: DeFilippis, Andrew (USANYS)  
Cc: Elizabeth Young ; Mark Rasch  
; Fuller, Christian  
; Wasch, Kate  
; Eckenrode, John (JMD)  
; Aldenberg, William B. (NH) (FBI)  
; Fuhrman, Tim (JMD) ;  
Keilty, Michael (USANYE) ;  
Scarpelli, Anthony  
(USADC) ; Patel, Neeraj (USACT)

Subject: Re: Call Tomorrow (Special Counsel Investigation) Dear

Andrew:

We appreciate that you need the documents / data subject to the subpoenas to Georgia Tech. However, we are not a party to those subpoenas and have no knowledge of them. We are not the custodian of records for Georgia Tech, and our client is not the Principal Investigator on the DARPA contract or a professor of the College of Electrical Engineering. We have indicated that we do not believe that Mr. Dagon has any responsive Georgia Tech documents / data in his personal capacity. While our client may be helpful in pointing Georgia Tech to documents or data relevant to their subpoenas (if we are informed of their contents), responsibility for compliance lies with Georgia Tech. We respectfully request that the Special Counsel's team work with each party that it is seeking evidence from and not ask us to get in the middle. Georgia Tech needs to determine how it wants to respond to the subpoenas; we are more than happy to provide any assistance that would be useful to them.

We hope you understand that we are trying to be cooperative. We would be happy to have a call with you and your team separately if that would be helpful.

Best regards,

Jody

Jody R Westby, Esq.

Managing Principal

Global Cyber Legal LLC

+1.202.255.2700

westby@globalcyberlegal.com

https://protect2.fireeye.com/v1/url?k  
=7211baee-2d8a821e-72169e0b-ac

1

f

6

b0176b0-  
2941286214a1b996&q=1&e=3db57  
5fb-ac73-4426-bd1f-7b6d618c069d  
& u =  
http%3A%2F%2Fwww.globalcyberl  
egal.com%2F

On Jul 20, 2021, at  
10:24 PM, DeFilippis,  
Andrew (USANYS)  
wrote:

Good Evening Counsel for Georgia  
Tech and Counsel for David Dagon,

We hope all is well. Can you please  
let us know when you are available  
for a joint call tomorrow --  
preferably at either 11:30 AM, 2:20  
PM or 3:30 PM? We would like to  
discuss your clients' compliance  
with recently issued federal grand  
jury subpoenas. It is important that  
we have this call to ensure timely  
and comprehensive compliance with  
the subpoenas. Thanks very much.

The Special Counsel Team



---

**From:** DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Sent:** Thursday, July 29, 2021 12:38 PM  
**To:** Elizabeth Young  
**Cc:** Wasch, Kate; Aldenberg, William B. (NH)(FBI); Fuhrman, Tim (JMD); Keilty, Michael (USANYE); Scarpelli, Anthony(USADC); Patel, Neeraj (USACT)  
**Subject:** Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

OK

> On Jul 29, 2021, at 12:25 PM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>  
>  
> I now have a call that I need to take at 4, so could we make it 4:30?

>  
>  
> Beth Young  
> Assistant Attorney General  
> Office of the Attorney General Chris Carr Government Services &  
> Employment  
> (404) 458-3425  
> eyoung@law.ga.gov  
> Georgia Department of Law  
> 40 Capitol Square SW  
> Atlanta, Georgia 30334

>  
>  
>  
> -----Original Message-----

> From: Elizabeth Young  
> Sent: Thursday, July 29, 2021 10:45 AM  
> To: 'DeFilippis, Andrew (USANYS)' <Andrew.DeFilippis@usdoj.gov>  
> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate  
> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)  
> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,  
> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)  
> <Neeraj.Patel@usdoj.gov>  
> Subject: RE: Call Tomorrow (Special Counsel Investigation)

>  
>  
> We are working on responding to the issues you've raised in this and your previous email. Sometime late afternoon would be best - would 4:00 work for you?

>  
> Beth Young  
> Assistant Attorney General  
> Office of the Attorney General Chris Carr Government Services &  
> Employment  
> (404) 458-3425  
> <mailto:eyoung@law.ga.gov>  
> Georgia Department of Law  
> 40 Capitol Square SW  
> Atlanta, Georgia 30334

>  
>  
>  
>  
>  
>  
>  
>  
> -----Original Message-----

> From: DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>  
> Sent: Thursday, July 29, 2021 6:44 AM  
> To: Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>  
> Cc: Fuller, Christian <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>; Wasch, Kate  
> <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Eckenrode, John (JMD)  
> <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI)  
> <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Fuhrman, Tim (JMD) <[Tim.Fuhrman@usdoj.gov](mailto:Tim.Fuhrman@usdoj.gov)>;  
> Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Scarpelli,  
> Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Patel, Neeraj (USACT)  
> <[Neeraj.Patel@usdoj.gov](mailto:Neeraj.Patel@usdoj.gov)>  
> Subject: Re: Call Tomorrow (Special Counsel Investigation)

>  
> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>  
>  
> Beth,

>  
> The white papers and related documents you produced to us are documents that \*we\* provided to Dr. Antonakakis's counsel for their client's review. That is where his counsel obtained them. It appears you have not located any responsive documents. We are also told by Mr. Dagon's counsel that he pointed you to a number of responsive records. We further understand that Michael Farrell likely has responsive documents. When are you available for a call today to discuss?

>  
> We may need a Georgia Tech custodian to testify in grand jury next week about the steps taken to search for responsive records. Let us know some times today when you are free.

>  
> Thanks.

>  
>  
>> On Jul 28, 2021, at 10:59 AM, Elizabeth Young <[EYoung@law.ga.gov](mailto:EYoung@law.ga.gov)> wrote:

>>  
>> I am sending you via Kiteworks a link to a folder containing the documents that Georgia Tech is able to produce with regard to the three categories of documents you asked us to search for during our 7/21 phone conference as follows:  
>>

>> 1. White papers/analytical papers related to Trump/Alfa Bank/Yotaphone: We are providing copies of several white papers and related documents that we received via counsel for Dr. Antonakakis. We are not certain as to the origin and storage history of these documents and therefore cannot provide authentication for these documents as business records of Georgia Tech.

>>

>> 2. Email communications related to Trump/Alfa Bank/Yotaphone: You asked us to revisit our prior email production to ensure that no responsive communications had been overlooked in our earlier email response. A new search was conducted using the original search terms listed in the earlier subpoena, and added white papers and analytical papers to the request. The search did identify a number of emails that were not included in the initial production, although they appear to be irrelevant and are predominantly junk mail. However, I am providing them to you in order to demonstrate Tech's compliance with your request.

>>

>> 3. You indicated that there was a "fairly large file of Trump related materials" that had been assembled for production to the office of Special Counsel Robert Muller or the DOJ. We are unable to locate such a file. I have been informed that Dr. Antonakakis has searched his server for such a file and did not find anything meeting that description.

>>

>> If you would like me to add any additional recipients to the Kiteworks folder, please let me know.

>>

>> Thank you,

>>

>> Beth Young

>> Assistant Attorney General

>> Office of the Attorney General Chris Carr Government Services &

>> Employment

>> (404) 458-3425

>> <mailto:eyoung@law.ga.gov>

>> Georgia Department of Law

>> 40 Capitol Square SW

>> Atlanta, Georgia 30334

>>

>>

>>

>>

>>

>>

>>

>> -----Original Message-----

>> From: DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>

>> Sent: Wednesday, July 28, 2021 6:37 AM

>> To: Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>

>> Cc: Fuller, Christian <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>; Wasch,

>> Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Eckenrode, John (JMD)

>> <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI)

>> <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Fuhrman, Tim (JMD) <[Tim.Fuhrman@usdoj.gov](mailto:Tim.Fuhrman@usdoj.gov)>;

>> Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Scarpelli,

>> Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Patel, Neeraj (USACT)

>> <[Neeraj.Patel@usdoj.gov](mailto:Neeraj.Patel@usdoj.gov)>

>> Subject: Re: Call Tomorrow (Special Counsel Investigation)

>>

>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>>

>>

>> Good morning Beth,

>>

>> You had said on Friday that you hoped to start producing documents on Monday. Can we expect to receive them today? Thanks.

>>

>>>> On Jul 23, 2021, at 9:31 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>>>

>>> That's fine. Talk to you then.

>>>

>>> Beth Young

>>> Assistant Attorney General

>>> Office of the Attorney General Chris Carr Government Services &

>>> Employment

>>> (404) 458-3425

>>> eyoung@law.ga.gov

>>> Georgia Department of Law

>>> 40 Capitol Square SW

>>> Atlanta, Georgia 30334

>>>

>>>

>>>

>>>

>>> -----Original Message-----

>>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>

>>> Sent: Friday, July 23, 2021 9:08 AM

>>> To: Elizabeth Young <EYoung@LAW.GA.GOV>

>>> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch,

>>> Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)

>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)

>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

>>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,

>>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)

>>> <Neeraj.Patel@usdoj.gov>

>>> Subject: Re: Call Tomorrow (Special Counsel Investigation)

>>>

>>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>>>

>>>

>>> Can we say 4:30? Thank you.

>>>

>>>>> On Jul 23, 2021, at 8:59 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>>>>

>>>> I'm booked up this morning but available after lunch - how about 2:30? If that doesn't work let me know what does.

>>>>

>>>>

>>>> Beth Young

>>>> Assistant Attorney General

>>>> Office of the Attorney General Chris Carr Government Services &

>>>> Employment

>>>> (404) 458-3425

>>>> eyoung@law.ga.gov  
>>>> Georgia Department of Law  
>>>> 40 Capitol Square SW  
>>>> Atlanta, Georgia 30334

>>>>  
>>>>  
>>>>

>>>> -----Original Message-----

>>>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
>>>> Sent: Thursday, July 22, 2021 10:17 PM  
>>>> To: Elizabeth Young <EYoung@LAW.GA.GOV>  
>>>> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch,  
>>>> Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)  
>>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
>>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
>>>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,  
>>>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj  
>>>> (USACT) <Neeraj.Patel@usdoj.gov>  
>>>> Subject: Re: Call Tomorrow (Special Counsel Investigation)

>>>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>>>>  
>>>>

>>>> Beth,  
>>>> We hope all is well. Can you let us know some times tomorrow when you would be available for an update call?

>>>>  
>>>> Thank you.

>>>>  
>>>>  
>>>>

>>>>> On Jul 21, 2021, at 8:07 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:  
>>>>> I'm available for a call at 3:30 today. Please let me know what number you'd like me to call.

>>>>> Elizabeth (Beth) Young  
>>>>> Assistant Attorney General  
>>>>> Office of the Attorney General Chris Carr Government Services &  
>>>>> Employment  
>>>>> (404) 458-3425  
>>>>> eyoung@law.ga.gov

>>>>> Georgia Department of Law  
>>>>> 40 Capitol Square SW  
>>>>> Atlanta, Georgia 30334

>>>>> -----Original Message-----

>>>>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
>>>>> Sent: Wednesday, July 21, 2021 7:05 AM  
>>>>> To: Jody R Westby <westby@globalcyberlegal.com>  
>>>>> Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch  
>>>>> <rasch@globalcyberlegal.com>; Fuller, Christian  
>>>>> <christian.fuller@legal.gatech.edu>; Wasch, Kate  
>>>>> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)  
>>>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
>>>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

>>>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,  
>>>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj  
>>>> (USACT) <Neeraj.Patel@usdoj.gov>  
>>>> Subject: RE: Call Tomorrow (Special Counsel Investigation)  
>>>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless  
you recognize the sender and know the content is safe.  
>>>> Jody, It is unfortunate that you are not willing to join a call with Georgia Tech's counsel for purposes of efficiency  
and to avoid delaying compliance with federal subpoenas. Regardless, can we please speak at 11:30 AM with you and  
Mark? Beth, would you then be available for a separate call with our team at either 2:30 PM or 3:30 PM?  
>>>> -----Original Message-----  
>>>> From: Jody R Westby <westby@globalcyberlegal.com>  
>>>> Sent: Tuesday, July 20, 2021 11:23 PM  
>>>> To: DeFilippis, Andrew (USANYS) <ADeFilippis@usa.doj.gov>  
>>>> Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch  
>>>> <rasch@globalcyberlegal.com>; Fuller, Christian  
>>>> <christian.fuller@legal.gatech.edu>; Wasch, Kate  
>>>> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)  
>>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
>>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
>>>> Keilty, Michael (USANYE) <MKeilty@usa.doj.gov>; Scarpelli, Anthony  
>>>> (USADC) <AScarpelli@usa.doj.gov>; Patel, Neeraj (USACT)  
>>>> <npatel2@usa.doj.gov>  
>>>> Subject: Re: Call Tomorrow (Special Counsel Investigation) Dear  
>>>> Andrew:  
>>>> We appreciate that you need the documents / data subject to the subpoenas to Georgia Tech. However, we are  
not a party to those subpoenas and have no knowledge of them. We are not the custodian of records for Georgia Tech,  
and our client is not the Principal Investigator on the DARPA contract or a professor of the College of Electrical  
Engineering. We have indicated that we do not believe that Mr. Dagon has any responsive Georgia Tech documents /  
data in his personal capacity. While our client may be helpful in pointing Georgia Tech to documents or data relevant to  
their subpoenas (if we are informed of their contents), responsibility for compliance lies with Georgia Tech. We  
respectfully request that the Special Counsel's team work with each party that it is seeking evidence from and not ask us  
to get in the middle. Georgia Tech needs to determine how it wants to respond to the subpoenas; we are more than  
happy to provide any assistance that would be useful to them.  
>>>> We hope you understand that we are trying to be cooperative. We would be happy to have a call with you and  
your team separately if that would be helpful.  
>>>> Best regards,  
>>>> Jody  
>>>> Jody R Westby, Esq.  
>>>> Managing Principal  
>>>> Global Cyber Legal LLC  
>>>> +1.202.255.2700  
>>>> westby@globalcyberlegal.com  
>>>> <https://protect2.fireeye.com/v1/url?k=7211baee-2d8a821e-72169e0b-a>  
>>>> c  
>>>> 1  
>>>> f  
>>>> 6  
>>>> b0176b0-2941286214a1b996&q=1&e=3db575fb-ac73-4426-bd1f-7b6d618c069  
>>>> d & u = <http://3A%2F%2Fwww.globalcyberlegal.com%2F>  
>>>>> On Jul 20, 2021, at 10:24 PM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:  
>>>>> Good Evening Counsel for Georgia Tech and Counsel for David Dagon,

>>>> We hope all is well. Can you please let us know when you are available for a joint call tomorrow -- preferably at either 11:30 AM, 2:20 PM or 3:30 PM? We would like to discuss your clients' compliance with recently issued federal grand jury subpoenas. It is important that we have this call to ensure timely and comprehensive compliance with the subpoenas. Thanks very much.

>>>> The Special Counsel Team

---

**From:** DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Sent:** Wednesday, July 28, 2021 11:39 AM  
**To:** Elizabeth Young  
**Cc:** Fuller, Christian; Wasch, Kate; Eckenrode, John (JMD); Aldenberg, William B. (NH) (FBI); Fuhrman, Tim (JMD); Keilty, Michael (USANYE); Scarpelli, Anthony (USADC); Patel, Neeraj (USACT); Moak, Joyce (JMD); Royce, Jane (JMD); Royce, Jane (USACT)  
**Subject:** Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Beth,

Thank you. We will discuss your assertions below. Can you please add Joyce Moak and Jane Royce (copied) to the Kiteworks site? Also, we have been informed that there is an internal chat system at Georgia Tech. Did you search that system for responsive records? If not, please do so. Also, can you assure us that you searched and produced any pertinent Georgia Tech documents in the custody of Angelos Keromytis and other employees or students involved in the DARPA contract? If not, please ensure that you conduct searches to include documents of all relevant persons. As we noted, the categories of documents we provided to you on our call were not an exclusive list and you are obligated to search for documents more broadly to comply with the subpoena.

Thanks.

> On Jul 28, 2021, at 10:59 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>

> I am sending you via Kiteworks a link to a folder containing the documents that Georgia Tech is able to produce with regard to the three categories of documents you asked us to search for during our 7/21 phone conference as follows:

>

> 1. White papers/analytical papers related to Trump/Alfa Bank/Yotaphone: We are providing copies of several white papers and related documents that we received via counsel for Dr. Antonakakis. We are not certain as to the origin and storage history of these documents and therefore cannot provide authentication for these documents as business records of Georgia Tech.

>

> 2. Email communications related to Trump/Alfa Bank/Yotaphone: You asked us to revisit our prior email production to ensure that no responsive communications had been overlooked in our earlier email response. A new search was conducted using the original search terms listed in the earlier subpoena, and added white papers and analytical papers to the request. The search did identify a number of emails that were not included in the initial production, although they appear to be irrelevant and are predominantly junk mail. However, I am providing them to you in order to demonstrate Tech's compliance with your request.

>

> 3. You indicated that there was a "fairly large file of Trump related materials" that had been assembled for production to the office of Special Counsel Robert Muller or the DOJ. We are unable to locate such a file. I have been informed that Dr. Antonakakis has searched his server for such a file and did not find anything meeting that description.

>

> If you would like me to add any additional recipients to the Kiteworks folder, please let me know.



>  
> Thank you,  
>  
> Beth Young  
> Assistant Attorney General  
> Office of the Attorney General Chris Carr Government Services &  
> Employment  
> (404) 458-3425  
> <mailto:eyoung@law.ga.gov>  
> Georgia Department of Law  
> 40 Capitol Square SW  
> Atlanta, Georgia 30334

>  
>  
>  
>  
>  
>  
>  
>  
> -----Original Message-----

> From: DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>  
> Sent: Wednesday, July 28, 2021 6:37 AM  
> To: Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>  
> Cc: Fuller, Christian <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>; Wasch, Kate  
> <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Eckenrode, John (JMD)  
> <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI)  
> <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Fuhrman, Tim (JMD) <[Tim.Fuhrman@usdoj.gov](mailto:Tim.Fuhrman@usdoj.gov)>;  
> Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Scarpelli,  
> Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Patel, Neeraj (USACT)  
> <[Neeraj.Patel@usdoj.gov](mailto:Neeraj.Patel@usdoj.gov)>  
> Subject: Re: Call Tomorrow (Special Counsel Investigation)

>  
> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>  
>  
> Good morning Beth,

>  
> You had said on Friday that you hoped to start producing documents on Monday. Can we expect to receive them today? Thanks.

>  
>> On Jul 23, 2021, at 9:31 AM, Elizabeth Young <[EYoung@law.ga.gov](mailto:EYoung@law.ga.gov)> wrote:

>>  
>> That's fine. Talk to you then.

>>  
>> Beth Young  
>> Assistant Attorney General  
>> Office of the Attorney General Chris Carr Government Services &  
>> Employment  
>> (404) 458-3425  
>> [eyoung@law.ga.gov](mailto:eyoung@law.ga.gov)  
>> Georgia Department of Law  
>> 40 Capitol Square SW

>> Atlanta, Georgia 30334

>>

>>

>>

>>

>> -----Original Message-----

>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>

>> Sent: Friday, July 23, 2021 9:08 AM

>> To: Elizabeth Young <EYoung@LAW.GA.GOV>

>> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch,

>> Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)

>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)

>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,

>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)

>> <Neeraj.Patel@usdoj.gov>

>> Subject: Re: Call Tomorrow (Special Counsel Investigation)

>>

>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>>

>>

>> Can we say 4:30? Thank you.

>>

>>>> On Jul 23, 2021, at 8:59 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>>>>

>>>> I'm booked up this morning but available after lunch - how about 2:30? If that doesn't work let me know what does.

>>>>

>>>>

>>>> Beth Young

>>>> Assistant Attorney General

>>>> Office of the Attorney General Chris Carr Government Services &

>>>> Employment

>>>> (404) 458-3425

>>>> eyoung@law.ga.gov

>>>> Georgia Department of Law

>>>> 40 Capitol Square SW

>>>> Atlanta, Georgia 30334

>>>>

>>>>

>>>>

>>>> -----Original Message-----

>>>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>

>>>> Sent: Thursday, July 22, 2021 10:17 PM

>>>> To: Elizabeth Young <EYoung@LAW.GA.GOV>

>>>> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch,

>>>> Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)

>>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)

>>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

>>>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,

>>>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)

>>>> <Neeraj.Patel@usdoj.gov>

>>> Subject: Re: Call Tomorrow (Special Counsel Investigation)

>>>

>>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>>>

>>>

>>> Beth,

>>> We hope all is well. Can you let us know some times tomorrow when you would be available for an update call?

>>>

>>> Thank you.

>>>

>>>

>>>

>>>> On Jul 21, 2021, at 8:07 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>>>> I'm available for a call at 3:30 today. Please let me know what number you'd like me to call.

>>>> Elizabeth (Beth) Young

>>>> Assistant Attorney General

>>>> Office of the Attorney General Chris Carr Government Services &

>>>> Employment

>>>> (404) 458-3425

>>>> eyoung@law.ga.gov

>>>> Georgia Department of Law

>>>> 40 Capitol Square SW

>>>> Atlanta, Georgia 30334

>>>> -----Original Message-----

>>>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>

>>>> Sent: Wednesday, July 21, 2021 7:05 AM

>>>> To: Jody R Westby <westby@globalcyberlegal.com>

>>>> Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch

>>>> <rasch@globalcyberlegal.com>; Fuller, Christian

>>>> <christian.fuller@legal.gatech.edu>; Wasch, Kate

>>>> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)

>>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)

>>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

>>>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,

>>>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj

>>>> (USACT) <Neeraj.Patel@usdoj.gov>

>>>> Subject: RE: Call Tomorrow (Special Counsel Investigation)

>>>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>>>> Jody, It is unfortunate that you are not willing to join a call with Georgia Tech's counsel for purposes of efficiency and to avoid delaying compliance with federal subpoenas. Regardless, can we please speak at 11:30 AM with you and Mark? Beth, would you then be available for a separate call with our team at either 2:30 PM or 3:30 PM?

>>>> -----Original Message-----

>>>> From: Jody R Westby <westby@globalcyberlegal.com>

>>>> Sent: Tuesday, July 20, 2021 11:23 PM

>>>> To: DeFilippis, Andrew (USANYS) <ADeFilippis@usa.doj.gov>

>>>> Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch

>>>> <rasch@globalcyberlegal.com>; Fuller, Christian

>>>> <christian.fuller@legal.gatech.edu>; Wasch, Kate

>>>> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)

>>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)

>>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

>>>> Keilty, Michael (USANYE) <MKeilty@usa.doj.gov>; Scarpelli, Anthony

>>>> (USADC) <AScarpelli@usa.doj.gov>; Patel, Neeraj (USACT)

>>>> <npatel2@usa.doj.gov>

>>>> Subject: Re: Call Tomorrow (Special Counsel Investigation) Dear

>>>> Andrew:

>>>> We appreciate that you need the documents / data subject to the subpoenas to Georgia Tech. However, we are not a party to those subpoenas and have no knowledge of them. We are not the custodian of records for Georgia Tech, and our client is not the Principal Investigator on the DARPA contract or a professor of the College of Electrical Engineering. We have indicated that we do not believe that Mr. Dagon has any responsive Georgia Tech documents / data in his personal capacity. While our client may be helpful in pointing Georgia Tech to documents or data relevant to their subpoenas (if we are informed of their contents), responsibility for compliance lies with Georgia Tech. We respectfully request that the Special Counsel's team work with each party that it is seeking evidence from and not ask us to get in the middle. Georgia Tech needs to determine how it wants to respond to the subpoenas; we are more than happy to provide any assistance that would be useful to them.

>>>> We hope you understand that we are trying to be cooperative. We would be happy to have a call with you and your team separately if that would be helpful.

>>>> Best regards,

>>>> Jody

>>>> Jody R Westby, Esq.

>>>> Managing Principal

>>>> Global Cyber Legal LLC

>>>> +1.202.255.2700

>>>> westby@globalcyberlegal.com

>>>> <https://protect2.fireeye.com/v1/url?k=7211baee-2d8a821e-72169e0b-ac>

>>>> 1

>>>> f

>>>> 6

>>>> b0176b0-2941286214a1b996&q=1&e=3db575fb-ac73-4426-bd1f-7b6d618c069d

>>>> & u = <http%3A%2F%2Fwww.globalcyberlegal.com%2F>

>>>>> On Jul 20, 2021, at 10:24 PM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:

>>>> Good Evening Counsel for Georgia Tech and Counsel for David Dagon,

>>>> We hope all is well. Can you please let us know when you are available for a joint call tomorrow -- preferably at either 11:30 AM, 2:20 PM or 3:30 PM? We would like to discuss your clients' compliance with recently issued federal grand jury subpoenas. It is important that we have this call to ensure timely and comprehensive compliance with the subpoenas. Thanks very much.

>>>> The Special Counsel Team

---

**From:** Elizabeth Young <eyoung@law.ga.gov>  
**Sent:** Wednesday, July 21, 2021 8:07 AM  
**To:** 'DeFilippis, Andrew (USANYS)'; Jody R Westby  
**Cc:** Mark Rasch; Fuller, Christian; Wasch, Kate; Eckenrode, John (JMD); Aldenberg, William B. (NH) (FBI); Fuhrman, Tim (JMD); Keilty, Michael (USANYE); Scarpelli, Anthony (USADC); Patel, Neeraj (USACT)  
**Subject:** RE: Call Tomorrow (Special Counsel Investigation)

I'm available for a call at 3:30 today. Please let me know what number you'd like me to call.

Elizabeth (Beth) Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

**From:** DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Sent:** Wednesday, July 21, 2021 7:05 AM  
**To:** Jody R Westby <westby@globalcyberlegal.com>  
**Cc:** Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch <rasch@globalcyberlegal.com>; Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>  
**Subject:** RE: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Jody, It is unfortunate that you are not willing to join a call with Georgia Tech's counsel for purposes of efficiency and to avoid delaying compliance with federal subpoenas. Regardless, can we please speak at 11:30 AM with you and Mark? Beth, would you then be available for a separate call with our team at either 2:30 PM or 3:30 PM?

-----Original Message-----

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Tuesday, July 20, 2021 11:23 PM  
**To:** DeFilippis, Andrew (USANYS) <ADeFilippis@usa.doj.gov>  
**Cc:** Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch <rasch@globalcyberlegal.com>; Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)

<John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Keilty, Michael (USANYE) <MKeilty@usa.doj.gov>; Scarpelli, Anthony (USADC) <AScarpelli@usa.doj.gov>; Patel, Neeraj (USACT) <npatel2@usa.doj.gov>  
Subject: Re: Call Tomorrow (Special Counsel Investigation)

Dear Andrew:

We appreciate that you need the documents / data subject to the subpoenas to Georgia Tech. However, we are not a party to those subpoenas and have no knowledge of them. We are not the custodian of records for Georgia Tech, and our client is not the Principal Investigator on the DARPA contract or a professor of the College of Electrical Engineering. We have indicated that we do not believe that Mr. Dagon has any responsive Georgia Tech documents / data in his personal capacity. While our client may be helpful in pointing Georgia Tech to documents or data relevant to their subpoenas (if we are informed of their contents), responsibility for compliance lies with Georgia Tech. We respectfully request that the Special Counsel's team work with each party that it is seeking evidence from and not ask us to get in the middle. Georgia Tech needs to determine how it wants to respond to the subpoenas; we are more than happy to provide any assistance that would be useful to them.

We hope you understand that we are trying to be cooperative. We would be happy to have a call with you and your team separately if that would be helpful.

Best regards,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
<https://protect2.fireeye.com/v1/url?k=7211baee-2d8a821e-72169e0b-ac1f6b0176b0-2941286214a1b996&q=1&e=3db575fb-ac73-4426-bd1f-7b6d618c069d&u=http%3A%2F%2Fwww.globalcyberlegal.com%2F>

On Jul 20, 2021, at 10:24 PM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:

Good Evening Counsel for Georgia Tech and Counsel for David Dagon,

We hope all is well. Can you please let us know when you are available for a joint call tomorrow -- preferably at either 11:30 AM, 2:20 PM or 3:30 PM? We would like to discuss your clients' compliance with recently issued federal grand jury subpoenas. It is important that we have this call to ensure timely and comprehensive compliance with the subpoenas. Thanks very much.

The Special Counsel Team

---

**From:** MicrosoftExchange329e71ec88ae4615bbc36ab6ce41109e@LAW.GA.GOV on behalf of DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Sent:** Wednesday, July 21, 2021 7:05 AM  
**To:** Jody R Westby  
**Cc:** Elizabeth Young; Mark Rasch; Fuller, Christian; Wasch, Kate; Eckenrode, John (JMD); Aldenberg, William B. (NH) (FBI); Fuhrman, Tim (JMD); Keilty, Michael (USANYE); Scarpelli, Anthony (USADC); Patel, Neeraj (USACT)  
**Subject:** RE: Call Tomorrow (Special Counsel Investigation)  
**Attachments:** RE: Call Tomorrow (Special Counsel Investigation)

Sender: Andrew.DeFilippis@usdoj.gov

Subject: RE: Call Tomorrow (Special Counsel Investigation)

Message-Id: <CY1P110MB01658F0C172C9B90D0BBB82AF2E39@CY1P110MB0165.NAMP110.PROD.OUTLOOK.COM>

Recipient: EYoung@law.ga.gov

---

**From:** DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Sent:** Wednesday, July 21, 2021 7:05 AM  
**To:** Jody R Westby  
**Cc:** Elizabeth Young; Mark Rasch; Fuller, Christian; Wasch, Kate; Eckenrode, John (JMD); Aldenberg, William B. (NH) (FBI); Fuhrman, Tim (JMD); Keilty, Michael (USANYE); Scarpelli, Anthony (USADC); Patel, Neeraj (USACT)  
**Subject:** RE: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Jody, It is unfortunate that you are not willing to join a call with Georgia Tech's counsel for purposes of efficiency and to avoid delaying compliance with federal subpoenas. Regardless, can we please speak at 11:30 AM with you and Mark? Beth, would you then be available for a separate call with our team at either 2:30 PM or 3:30 PM?

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Tuesday, July 20, 2021 11:23 PM  
To: DeFilippis, Andrew (USANYS) <ADeFilippis@usa.doj.gov>  
Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch <rasch@globalcyberlegal.com>; Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Keilty, Michael (USANYE) <MKeilty@usa.doj.gov>; Scarpelli, Anthony (USADC) <AScarpelli@usa.doj.gov>; Patel, Neeraj (USACT) <npatel2@usa.doj.gov>  
Subject: Re: Call Tomorrow (Special Counsel Investigation)

Dear Andrew:

We appreciate that you need the documents / data subject to the subpoenas to Georgia Tech. However, we are not a party to those subpoenas and have no knowledge of them. We are not the custodian of records for Georgia Tech, and our client is not the Principal Investigator on the DARPA contract or a professor of the College of Electrical Engineering. We have indicated that we do not believe that Mr. Dagon has any responsive Georgia Tech documents / data in his personal capacity. While our client may be helpful in pointing Georgia Tech to documents or data relevant to their subpoenas (if we are informed of their contents), responsibility for compliance lies with Georgia Tech. We respectfully request that the Special Counsel's team work with each party that it is seeking evidence from and not ask us to get in the middle. Georgia Tech needs to determine how it wants to respond to the subpoenas; we are more than happy to provide any assistance that would be useful to them.

We hope you understand that we are trying to be cooperative. We would be happy to have a call with you and your team separately if that would be helpful.

Best regards,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC



+1.202.255.2700

westby@globalcyberlegal.com

<https://protect2.fireeye.com/v1/url?k=7211baee-2d8a821e-72169e0b-ac1f6b0176b0-2941286214a1b996&q=1&e=3db575fb-ac73-4426-bd1f-7b6d618c069d&u=http%3A%2F%2Fwww.globalcyberlegal.com%2F>

On Jul 20, 2021, at 10:24 PM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:

Good Evening Counsel for Georgia Tech and Counsel for David Dagon,

We hope all is well. Can you please let us know when you are available for a joint call tomorrow -- preferably at either 11:30 AM, 2:20 PM or 3:30 PM? We would like to discuss your clients' compliance with recently issued federal grand jury subpoenas. It is important that we have this call to ensure timely and comprehensive compliance with the subpoenas. Thanks very much.

The Special Counsel Team

---

**From:** DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Sent:** Friday, July 30, 2021 10:49 AM  
**To:** Elizabeth Young  
**Cc:** Wasch, Kate; Aldenberg, William B. (NH)(FBI); Fuhrman, Tim (JMD); Keilty, Michael (USANYE); Scarpelli, Anthony(USADC); Patel, Neeraj (USACT)  
**Subject:** Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Beth,

We just wanted to give you a heads up that the FBI will be reaching out to Michael Farrell today to request an interview with him. Let us know if you have any questions. Thanks very much.

> On Jul 29, 2021, at 12:25 PM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>

>

> I now have a call that I need to take at 4, so could we make it 4:30?

>

>

> Beth Young

> Assistant Attorney General

> Office of the Attorney General Chris Carr Government Services &

> Employment

> (404) 458-3425

> eyoung@law.ga.gov

> Georgia Department of Law

> 40 Capitol Square SW

> Atlanta, Georgia 30334

>

>

>

> -----Original Message-----

> From: Elizabeth Young

> Sent: Thursday, July 29, 2021 10:45 AM

> To: 'DeFilippis, Andrew (USANYS)' <Andrew.DeFilippis@usdoj.gov>

> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate

> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)

> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)

> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,

> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)

> <Neeraj.Patel@usdoj.gov>

> Subject: RE: Call Tomorrow (Special Counsel Investigation)

>

>  
> We are working on responding to the issues you've raised in this and your previous email. Sometime late afternoon would be best - would 4:00 work for you?

>  
> Beth Young  
> Assistant Attorney General  
> Office of the Attorney General Chris Carr Government Services &  
> Employment  
> (404) 458-3425  
> <mailto:eyoung@law.ga.gov>  
> Georgia Department of Law  
> 40 Capitol Square SW  
> Atlanta, Georgia 30334

>  
>  
>  
>  
>  
>  
>  
> -----Original Message-----

> From: DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>  
> Sent: Thursday, July 29, 2021 6:44 AM  
> To: Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>  
> Cc: Fuller, Christian <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>; Wasch, Kate  
> <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Eckenrode, John (JMD)  
> <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI)  
> <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Fuhrman, Tim (JMD) <[Tim.Fuhrman@usdoj.gov](mailto:Tim.Fuhrman@usdoj.gov)>;  
> Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Scarpelli,  
> Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Patel, Neeraj (USACT)  
> <[Neeraj.Patel@usdoj.gov](mailto:Neeraj.Patel@usdoj.gov)>  
> Subject: Re: Call Tomorrow (Special Counsel Investigation)

>  
> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>  
>  
> Beth,  
>  
> The white papers and related documents you produced to us are documents that \*we\* provided to Dr. Antonakakis's counsel for their client's review. That is where his counsel obtained them. It appears you have not located any responsive documents. We are also told by Mr. Dagon's counsel that he pointed you to a number of responsive records. We further understand that Michael Farrell likely has responsive documents. When are you available for a call today to discuss?

>  
> We may need a Georgia Tech custodian to testify in grand jury next week about the steps taken to search for responsive records. Let us know some times today when you are free.

>  
> Thanks.

>  
>  
>> On Jul 28, 2021, at 10:59 AM, Elizabeth Young <[EYoung@law.ga.gov](mailto:EYoung@law.ga.gov)> wrote:  
>>

>> I am sending you via Kiteworks a link to a folder containing the documents that Georgia Tech is able to produce with regard to the three categories of documents you asked us to search for during our 7/21 phone conference as follows:

>>

>> 1. White papers/analytical papers related to Trump/Alfa Bank/Yotaphone: We are providing copies of several white papers and related documents that we received via counsel for Dr. Antonakakis. We are not certain as to the origin and storage history of these documents and therefore cannot provide authentication for these documents as business records of Georgia Tech.

>>

>> 2. Email communications related to Trump/Alfa Bank/Yotaphone: You asked us to revisit our prior email production to ensure that no responsive communications had been overlooked in our earlier email response. A new search was conducted using the original search terms listed in the earlier subpoena, and added white papers and analytical papers to the request. The search did identify a number of emails that were not included in the initial production, although they appear to be irrelevant and are predominantly junk mail. However, I am providing them to you in order to demonstrate Tech's compliance with your request.

>>

>> 3. You indicated that there was a "fairly large file of Trump related materials" that had been assembled for production to the office of Special Counsel Robert Muller or the DOJ. We are unable to locate such a file. I have been informed that Dr. Antonakakis has searched his server for such a file and did not find anything meeting that description.

>>

>> If you would like me to add any additional recipients to the Kiteworks folder, please let me know.

>>

>> Thank you,

>>

>> Beth Young

>> Assistant Attorney General

>> Office of the Attorney General Chris Carr Government Services &

>> Employment

>> (404) 458-3425

>> <mailto:eyoung@law.ga.gov>

>> Georgia Department of Law

>> 40 Capitol Square SW

>> Atlanta, Georgia 30334

>>

>>

>>

>>

>>

>>

>> -----Original Message-----

>> From: DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>

>> Sent: Wednesday, July 28, 2021 6:37 AM

>> To: Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>

>> Cc: Fuller, Christian <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>; Wasch,

>> Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Eckenrode, John (JMD)

>> <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI)

>> <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Fuhrman, Tim (JMD) <[Tim.Fuhrman@usdoj.gov](mailto:Tim.Fuhrman@usdoj.gov)>;

>> Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Scarpelli,

>> Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Patel, Neeraj (USACT)

>> <[Neeraj.Patel@usdoj.gov](mailto:Neeraj.Patel@usdoj.gov)>

>> Subject: Re: Call Tomorrow (Special Counsel Investigation)

>>

>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>>

>>

>> Good morning Beth,

>>

>> You had said on Friday that you hoped to start producing documents on Monday. Can we expect to receive them today? Thanks.

>>

>>>> On Jul 23, 2021, at 9:31 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>>>

>>> That's fine. Talk to you then.

>>>

>>> Beth Young

>>> Assistant Attorney General

>>> Office of the Attorney General Chris Carr Government Services &

>>> Employment

>>> (404) 458-3425

>>> eyoung@law.ga.gov

>>> Georgia Department of Law

>>> 40 Capitol Square SW

>>> Atlanta, Georgia 30334

>>>

>>>

>>>

>>>

>>> -----Original Message-----

>>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>

>>> Sent: Friday, July 23, 2021 9:08 AM

>>> To: Elizabeth Young <EYoung@LAW.GA.GOV>

>>> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch,

>>> Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)

>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)

>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

>>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,

>>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)

>>> <Neeraj.Patel@usdoj.gov>

>>> Subject: Re: Call Tomorrow (Special Counsel Investigation)

>>>

>>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>>>

>>>

>>> Can we say 4:30? Thank you.

>>>

>>>>> On Jul 23, 2021, at 8:59 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>>>>

>>>> I'm booked up this morning but available after lunch - how about 2:30? If that doesn't work let me know what does.

>>>>

>>>>

>>>> Beth Young

>>>> Assistant Attorney General  
>>>> Office of the Attorney General Chris Carr Government Services &  
>>>> Employment  
>>>> (404) 458-3425  
>>>> eyoung@law.ga.gov  
>>>> Georgia Department of Law  
>>>> 40 Capitol Square SW  
>>>> Atlanta, Georgia 30334

>>>>  
>>>>  
>>>>

>>>> -----Original Message-----

>>>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
>>>> Sent: Thursday, July 22, 2021 10:17 PM  
>>>> To: Elizabeth Young <EYoung@LAW.GA.GOV>  
>>>> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch,  
>>>> Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)  
>>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
>>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
>>>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,  
>>>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj  
>>>> (USACT) <Neeraj.Patel@usdoj.gov>  
>>>> Subject: Re: Call Tomorrow (Special Counsel Investigation)

>>>>  
>>>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you  
recognize the sender and know the content is safe.

>>>>  
>>>>

>>>> Beth,  
>>>> We hope all is well. Can you let us know some times tomorrow when you would be available for an update call?

>>>>  
>>>> Thank you.

>>>>  
>>>>  
>>>>

>>>>>> On Jul 21, 2021, at 8:07 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:  
>>>>>> I'm available for a call at 3:30 today. Please let me know what number you'd like me to call.

>>>>>> Elizabeth (Beth) Young  
>>>>>> Assistant Attorney General  
>>>>>> Office of the Attorney General Chris Carr Government Services &  
>>>>>> Employment  
>>>>>> (404) 458-3425  
>>>>>> eyoung@law.ga.gov  
>>>>>> Georgia Department of Law  
>>>>>> 40 Capitol Square SW  
>>>>>> Atlanta, Georgia 30334

>>>>>> -----Original Message-----

>>>>>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
>>>>>> Sent: Wednesday, July 21, 2021 7:05 AM  
>>>>>> To: Jody R Westby <westby@globalcyberlegal.com>  
>>>>>> Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch  
>>>>>> <rasch@globalcyberlegal.com>; Fuller, Christian

>>>> <christian.fuller@legal.gatech.edu>; Wasch, Kate  
>>>> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)  
>>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
>>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
>>>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,  
>>>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj  
>>>> (USACT) <Neeraj.Patel@usdoj.gov>  
>>>> Subject: RE: Call Tomorrow (Special Counsel Investigation)  
>>>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless  
you recognize the sender and know the content is safe.  
>>>> Jody, It is unfortunate that you are not willing to join a call with Georgia Tech's counsel for purposes of efficiency  
and to avoid delaying compliance with federal subpoenas. Regardless, can we please speak at 11:30 AM with you and  
Mark? Beth, would you then be available for a separate call with our team at either 2:30 PM or 3:30 PM?  
>>>> -----Original Message-----  
>>>> From: Jody R Westby <westby@globalcyberlegal.com>  
>>>> Sent: Tuesday, July 20, 2021 11:23 PM  
>>>> To: DeFilippis, Andrew (USANYS) <ADeFilippis@usa.doj.gov>  
>>>> Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch  
>>>> <rasch@globalcyberlegal.com>; Fuller, Christian  
>>>> <christian.fuller@legal.gatech.edu>; Wasch, Kate  
>>>> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)  
>>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
>>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
>>>> Keilty, Michael (USANYE) <MKeilty@usa.doj.gov>; Scarpelli, Anthony  
>>>> (USADC) <AScarpelli@usa.doj.gov>; Patel, Neeraj (USACT)  
>>>> <npatel2@usa.doj.gov>  
>>>> Subject: Re: Call Tomorrow (Special Counsel Investigation) Dear  
>>>> Andrew:  
>>>> We appreciate that you need the documents / data subject to the subpoenas to Georgia Tech. However, we are  
not a party to those subpoenas and have no knowledge of them. We are not the custodian of records for Georgia Tech,  
and our client is not the Principal Investigator on the DARPA contract or a professor of the College of Electrical  
Engineering. We have indicated that we do not believe that Mr. Dagon has any responsive Georgia Tech documents /  
data in his personal capacity. While our client may be helpful in pointing Georgia Tech to documents or data relevant to  
their subpoenas (if we are informed of their contents), responsibility for compliance lies with Georgia Tech. We  
respectfully request that the Special Counsel's team work with each party that it is seeking evidence from and not ask us  
to get in the middle. Georgia Tech needs to determine how it wants to respond to the subpoenas; we are more than  
happy to provide any assistance that would be useful to them.  
>>>> We hope you understand that we are trying to be cooperative. We would be happy to have a call with you and  
your team separately if that would be helpful.  
>>>> Best regards,  
>>>> Jody  
>>>> Jody R Westby, Esq.  
>>>> Managing Principal  
>>>> Global Cyber Legal LLC  
>>>> +1.202.255.2700  
>>>> westby@globalcyberlegal.com  
>>>> <https://protect2.fireeye.com/v1/url?k=7211baee-2d8a821e-72169e0b-a>  
>>>> c  
>>>> 1  
>>>> f  
>>>> 6  
>>>> b0176b0-2941286214a1b996&q=1&e=3db575fb-ac73-4426-bd1f-7b6d618c069

>>>> d & u = <http%3A%2F%2Fwww.globalcyberlegal.com%2F>

>>>>> On Jul 20, 2021, at 10:24 PM, DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)> wrote:

>>>> Good Evening Counsel for Georgia Tech and Counsel for David Dagon,

>>>> We hope all is well. Can you please let us know when you are available for a joint call tomorrow -- preferably at either 11:30 AM, 2:20 PM or 3:30 PM? We would like to discuss your clients' compliance with recently issued federal grand jury subpoenas. It is important that we have this call to ensure timely and comprehensive compliance with the subpoenas. Thanks very much.

>>>> The Special Counsel Team



---

**From:** DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Sent:** Tuesday, July 20, 2021 4:40 PM  
**To:** Elizabeth Young  
**Cc:** Lopes, Crane; Fuller, Christian; Wasch, Kate; Ling-Ling Nie (linglingnie@gatech.edu); Keilty, Michael (USANYE); Patel, Neeraj (USACT); Scarpelli, Anthony (USADC); Eckenrode, John (JMD); Aldenberg, William B. (NH) (FBI); Maddock, Adam M.(CyD) (FBI); James, Ryan Joseph (INSD) (FBI); Bennett, Wes; Smith, Darin  
**Subject:** Re: DARPA  
**Attachments:** image002.jpg; image004.png; image005.png; image007.jpg

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks very much, all. We greatly appreciate your quick responses. Ms. Young, we will be in touch once we have received and reviewed the documents and can discuss any further records searches at that time.

Thanks again.

On Jul 20, 2021, at 4:11 PM, Elizabeth Young wrote:

Mr. Lopes,

Thank you for confirming that Georgia Tech may produce documents responsive to the DOJ's subpoena without running afoul of any obligations it may have to DARPA/DOD to safeguard confidential or classified information. Georgia Tech therefore is authorizing the release of responsive materials that have been identified by the employees involved directly to the DOJ.

It is our understanding from conversations with the employees' counsel that the documents that are about to be produced do not contain any classified information. To the extent that the DOJ might seek production of additional documents from Georgia Tech in the future, we will take appropriate steps to determine whether any responsive documents are classified and, if so, will coordinate with Mr. Smith regarding production.

Mr. DeFilippis, if you require anything further from Georgia Tech in order to fulfill its obligations under the subpoena beyond the above statement affirming that Tech is authorizing release of the records that have been compiled by the employees, please let me know.

Sincerely,  
Beth Young

**Beth Young**  
**Assistant Attorney General**  
**Office of the Attorney General Chris Carr**  
**Government Services & Employment**  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law

40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Lopes, Crane

**Sent:** Tuesday, July 20, 2021 2:16 PM

**To:** DeFilippis, Andrew (USANYS) ; Elizabeth Young

**Cc:** 'Fuller, Christian' ; Wasch, Kate ; Ling-Ling Nie ([linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)) ; Keilty, Michael (USANYE) ; Patel, Neeraj (USACT) ; Scarpelli, Anthony (USADC) ; Eckenrode, John (JMD) ; Aldenberg, William B. (NH) (FBI) ; Maddock, Adam M. (CyD) (FBI) ; James, Ryan Joseph (INSD) (FBI) ; Bennett, Wes ; Smith, Darin

**Subject:** RE: DARPA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ms. Young:

Thank you for your diligence in protecting DARPA-related records and other documents from unauthorized use or disclosure.

I have discussed this matter with Wes Bennett, the Director of the DARPA Contracts Management Office. Mr. Bennett is info-copied on this message. We request that you cooperate with the Department of Justice (DoJ) by immediately providing them with all DARPA-related unclassified documents and records in your possession and that are requested by their subpoena.


If DoJ has requested DARPA-related classified documents and records in your possession, release should be coordinated with Mr. Darin Smith, DARPA Security & Intelligence Directorate. Mr. Smith is info-copied on this message.

Please contact me if I can assist you.

Crane Lopes, Ph.D.

General Counsel

DARPA

Off | 571.218.4887 

Mob | 571.239.5084

Creating **BREAKTHROUGH TECHNOLOGIES**

For National Security

---

**From:** DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>

**Sent:** Tuesday, July 20, 2021 10:51 AM

**To:** Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>

**Cc:** 'Fuller, Christian' <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>; Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Ling-Ling Nie ([linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)) <[linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)>; Lopes, Crane <[Crane.Lopes@darpa.mil](mailto:Crane.Lopes@darpa.mil)>; Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Patel, Neeraj (USACT) <[Neeraj.Patel@usdoj.gov](mailto:Neeraj.Patel@usdoj.gov)>; Scarpelli, Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Eckenrode, John (JMD) <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI) <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Maddock, Adam M. (CyD) (FBI) <[ammaddock@fbi.gov](mailto:ammaddock@fbi.gov)>; James, Ryan Joseph (INSD) (FBI) <[rjames@fbi.gov](mailto:rjames@fbi.gov)>

**Subject:** DARPA

Ms. Young,

Thank you very much for our call earlier today. On that call, you requested that we provide assurance that the Defense Advanced Research Projects Agency (DARPA) has no objection to Georgia Tech's providing documents and other records in response to our federal grand jury subpoena that relate to a contract between Georgia Tech and DARPA. I am copying Crane Lopes, General Counsel of DARPA. Mr. Lopes and DARPA have been fully cooperative with and supportive of our investigative efforts. On a phone call that occurred a few minutes ago, Mr. Lopes has assured me again that DARPA has no

objections to Georgia Tech's provision of any records or information (both classified and unclassified) to our team and to the grand jury.

As noted, federal law requires you to provide such records regardless of any potentially applicable contractual restrictions.

Please let me know if you have any questions. We would appreciate if you could also please confirm that you consent to the two Georgia Tech employees we discussed providing responsive records that they have identified. Thank you.

Andrew J. DeFilippis

Assistant Special Counsel

U.S. Department of Justice

(646) 530-0087

---

**From:** DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Sent:** Monday, July 19, 2021 5:28 PM  
**To:** Elizabeth Young  
**Cc:** Fuller, Christian; Wasch, Kate; Ling-Ling Nie (linglingnie@gatech.edu)  
**Subject:** Re: Georgia Tech Subpoena 7-19-2021  
**Attachments:** image001.jpg; image002.png; image003.png

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Yes 10:00 am tomorrow is perfect. Thank you. We can use the dial-in below.

Dial-in

Conference ID: [REDACTED]

On Jul 19, 2021, at 1:53 PM, Elizabeth Young wrote:

Mr. DeFilippis,

I have been engaged to represent Georgia Tech and the University System of Georgia in responding to your 7/19 subpoena. I've been forwarded a copy of the subpoena and your email sent this afternoon. I look forward to discussing your suggestions for identifying responsive materials. Would tomorrow morning at 10 AM work for a call to discuss? If not, let me know what times would be better for you. Thank you,  
Beth Young

**Elizabeth (Beth) Young**  
**Assistant Attorney General**  
**Office of the Attorney General Chris Carr**  
**Government Services & Employment**  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Elizabeth Young <eyoung@law.ga.gov>  
**Sent:** Monday, August 2, 2021 1:08 PM  
**To:** 'DeFilippis, Andrew (USANYS)'  
**Cc:** Kate Wasch; Jody R Westby; Mark D. Rasch; Eckenrode, John (JMD); Scarpelli, Anthony (USADC); Keilty, Michael (USANYE); Patel, Neeraj (USACT); Fuhrman, Tim (JMD); Aldenberg, William B. (NH) (FBI); Maddock, Adam M. (CyD) (FBI)  
**Subject:** RE: Rhannusia Logs

We've reviewed the chat logs and there are only a few comments that would be responsive to the subpoena. We can produce those portions of the log.

I am checking to see whether we can agree to produce the full log without requiring a subpoena and will have an answer for you this afternoon. If we agree to that, will that be sufficient complete Tech's obligations under the subpoena (unless Michael Farrell identifies any additional documents in Tech's custody or control that have not been previously produced and are responsive to the subpoena)?

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
Sent: Monday, August 2, 2021 8:23 AM  
To: Elizabeth Young <EYoung@LAW.GA.GOV>  
Cc: Kate Wasch <kate.wasch@legal.gatech.edu>; Jody R Westby <westby@globalcyberlegal.com>; Mark D. Rasch <rasch@globalcyberlegal.com>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam M. (CyD) (FBI) <ammaddock@fbi.gov>  
Subject: Re: Rhannusia Logs

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Beth,

Will you be able to produce to us today the Rhannusia chats that Mr. Dagon identified? We request that you produce them in their entirety, as we believe based on representations from Mr. Dagon and his counsel that entire set of logs is

pertinent to our investigation. If necessary we can provide you with a subpoena for the full set of logs. Let us know. Thanks.

> On Jul 30, 2021, at 10:02 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>  
> I reached out to Ms. Westby after our call yesterday and she confirmed that Mr. Dagon has copies of these chat logs and will be forwarding them to us so that we can review and produce them.

>  
> Beth Young  
> Assistant Attorney General  
> Office of the Attorney General Chris Carr Government Services &  
> Employment  
> (404) 458-3425  
> eyoung@law.ga.gov  
> Georgia Department of Law  
> 40 Capitol Square SW  
> Atlanta, Georgia 30334

>  
>  
>  
> -----Original Message-----

> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
> Sent: Friday, July 30, 2021 7:43 AM  
> To: Elizabeth Young <EYoung@LAW.GA.GOV>; Kate Wasch  
> <kate.wasch@legal.gatech.edu>; Jody R Westby  
> <westby@globalcyberlegal.com>; Mark D. Rasch  
> <rasch@globalcyberlegal.com>  
> Cc: Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Scarpelli,  
> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Keilty, Michael  
> (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT)  
> <Neeraj.Patel@usdoj.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
> Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam  
> M. (CyD) (FBI) <ammaddock@fbi.gov>  
> Subject: Rhannusia Logs

>  
> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>  
>  
> All,

>  
> As we have discussed with each of you, Mr. Dagon has identified "Rhannusia" chat communications that we understand are responsive to our subpoena and relevant to our investigation. We would like to obtain these communications promptly and would also like to minimize the burdens on all involved.

>  
> Beth, can you please confirm in response to this email that Georgia Tech authorizes and requests that Mr. Dagon provide those logs to the government as an employee of Georgia Tech? If you would like us to issue a subpoena for them specifically and will accept service, we can do so today.

>

> Jody/Mark, can you please let us know when Mr. Dagon can provide the logs to us or, alternatively, to Georgia Tech for production to us?

>

> We are hopeful that we can find a solution to this issue in the near term and avoid unnecessary legal process or disruptions.

>

> Thank you very much.

## Jotonna Tulloch

---

**From:** DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Sent:** Friday, July 30, 2021 12:33 PM  
**To:** Jody R Westby  
**Cc:** Elizabeth Young; Kate Wasch; Mark D. Rasch; Eckenrode, John (JMD); Scarpelli, Anthony(USADC); Keilty, Michael (USANYE); Patel, Neeraj (USACT); Fuhrman, Tim (JMD); Aldenberg, William B. (NH) (FBI); Maddock, Adam M.(CyD) (FBI)  
**Subject:** Re: Rhannusia Logs

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks Jody.

> On Jul 30, 2021, at 11:43 AM, Jody R Westby <westby@globalcyberlegal.com> wrote:

>  
> Working on getting these now. Will be back in touch. Understand the priority. Thanks!  
>  
> Jody R Westby, Esq.  
> Managing Principal  
> Global Cyber Legal LLC  
> +1.202.255.2700  
> westby@globalcyberlegal.com  
> <https://protect2.fireeye.com/v1/url?k=b29a74d1-ed014c21-b29d5034-ac1f6b0176b0-adca19826f2a37b1&q=1&e=d14cab5e-a36f-490e-b1c7-7aba64fad846&u=http%3A%2F%2Fwww.globalcyberlegal.com%2F>  
>  
>  
>

> On Jul 30, 2021, at 10:04 AM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:

>  
> Excellent thanks very much.

>> On Jul 30, 2021, at 10:02 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>>  
>> I reached out to Ms. Westby after our call yesterday and she confirmed that Mr. Dagon has copies of these chat logs and will be forwarding them to us so that we can review and produce them.

>>  
>> Beth Young  
>> Assistant Attorney General  
>> Office of the Attorney General Chris Carr Government Services &  
>> Employment  
>> (404) 458-3425  
>> [eyoung@law.ga.gov](mailto:eyoung@law.ga.gov)  
>> Georgia Department of Law



>> 40 Capitol Square SW  
>> Atlanta, Georgia 30334  
>>  
>>  
>>

>> -----Original Message-----

>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
>> Sent: Friday, July 30, 2021 7:43 AM  
>> To: Elizabeth Young <EYoung@LAW.GA.GOV>; Kate Wasch  
>> <kate.wasch@legal.gatech.edu>; Jody R Westby  
>> <westby@globalcyberlegal.com>; Mark D. Rasch  
>> <rasch@globalcyberlegal.com>  
>> Cc: Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Scarpelli,  
>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Keilty, Michael  
>> (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT)  
>> <Neeraj.Patel@usdoj.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
>> Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam  
>> M. (CyD) (FBI) <ammaddock@fbi.gov>  
>> Subject: Rhannusia Logs

>>  
>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>>  
>>  
>> All,  
>>

>> As we have discussed with each of you, Mr. Dagon has identified "Rhamnusia" chat communications that we understand are responsive to our subpoena and relevant to our investigation. We would like to obtain these communications promptly and would also like to minimize the burdens on all involved.

>>  
>> Beth, can you please confirm in response to this email that Georgia Tech authorizes and requests that Mr. Dagon provide those logs to the government as an employee of Georgia Tech? If you would like us to issue a subpoena for them specifically and will accept service, we can do so today.

>>  
>> Jody/Mark, can you please let us know when Mr. Dagon can provide the logs to us or, alternatively, to Georgia Tech for production to us?

>>  
>> We are hopeful that we can find a solution to this issue in the near term and avoid unnecessary legal process or disruptions.

>>  
>> Thank you very much.

>>  
>  
>

---

**From:** DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Sent:** Friday, July 30, 2021 10:04 AM  
**To:** Elizabeth Young  
**Cc:** Kate Wasch; Jody R Westby; Mark D. Rasch; Eckenrode, John (JMD); Scarpelli, Anthony(USADC); Keilty, Michael (USANYE); Patel, Neeraj (USACT); Fuhrman, Tim (JMD); Aldenberg, William B. (NH) (FBI); Maddock, Adam M.(CyD) (FBI)  
**Subject:** Re: Rhannusia Logs

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Excellent thanks very much.

> On Jul 30, 2021, at 10:02 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>  
> I reached out to Ms. Westby after our call yesterday and she confirmed that Mr. Dagon has copies of these chat logs and will be forwarding them to us so that we can review and produce them.

>  
> Beth Young  
> Assistant Attorney General  
> Office of the Attorney General Chris Carr Government Services &  
> Employment  
> (404) 458-3425  
> eyoung@law.ga.gov  
> Georgia Department of Law  
> 40 Capitol Square SW  
> Atlanta, Georgia 30334

>  
>  
>  
> -----Original Message-----

> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
> Sent: Friday, July 30, 2021 7:43 AM  
> To: Elizabeth Young <EYoung@LAW.GA.GOV>; Kate Wasch  
> <kate.wasch@legal.gatech.edu>; Jody R Westby  
> <westby@globalcyberlegal.com>; Mark D. Rasch  
> <rasch@globalcyberlegal.com>  
> Cc: Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Scarpelli,  
> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Keilty, Michael  
> (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT)  
> <Neeraj.Patel@usdoj.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
> Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam  
> M. (CyD) (FBI) <ammaddock@fbi.gov>  
> Subject: Rhannusia Logs

>

> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>

>

> All,

>

> As we have discussed with each of you, Mr. Dagon has identified "Rhamnusia" chat communications that we understand are responsive to our subpoena and relevant to our investigation. We would like to obtain these communications promptly and would also like to minimize the burdens on all involved.

>

> Beth, can you please confirm in response to this email that Georgia Tech authorizes and requests that Mr. Dagon provide those logs to the government as an employee of Georgia Tech? If you would like us to issue a subpoena for them specifically and will accept service, we can do so today.

>

> Jody/Mark, can you please let us know when Mr. Dagon can provide the logs to us or, alternatively, to Georgia Tech for production to us?

>

> We are hopeful that we can find a solution to this issue in the near term and avoid unnecessary legal process or disruptions.

>

> Thank you very much.

>

---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Monday, August 2, 2021 5:01 PM  
**To:** Andrew.DeFilippis@usdoj.gov  
**Cc:** kate.wasch@legal.gatech.edu; westby@globalcyberlegal.com; rasch@globalcyberlegal.com; John.Eckenrode@usdoj.gov; Anthony.Scarpelli@usdoj.gov; Michael.Keilty@usdoj.gov; Neeraj.Patel@usdoj.gov; Tim.Fuhrman@usdoj.gov; christian.fuller@legal.gatech.edu; wbaldenberg@fbi.gov; ammaddock@fbi.gov  
**Subject:** RE: Rhannusia Logs

I am attaching the full Rhannusia chat log as you have requested. The second attachment (rhannusia\_expanded\_formatting.txt) should be identical to the first, except that Mr. Dagon added some additional formatting to identify the sender and date. However, since we have not independently verified that all other details between the two logs are identical, I am providing you with both the original and expanded formatting versions.

Sincerely,  
Beth Young

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
Sent: Monday, August 2, 2021 8:23 AM  
To: Elizabeth Young <EYoung@LAW.GA.GOV>  
Cc: Kate Wasch <kate.wasch@legal.gatech.edu>; Jody R Westby <westby@globalcyberlegal.com>; Mark D. Rasch <rasch@globalcyberlegal.com>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam M. (CyD) (FBI) <ammaddock@fbi.gov>  
Subject: Re: Rhannusia Logs

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Beth,

Will you be able to produce to us today the Rhannousia chats that Mr. Dagon identified? We request that you produce them in their entirety, as we believe based on representations from Mr. Dagon and his counsel that entire set of logs is pertinent to our investigation. If necessary we can provide you with a subpoena for the full set of logs. Let us know. Thanks.

> On Jul 30, 2021, at 10:02 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>

> I reached out to Ms. Westby after our call yesterday and she confirmed that Mr. Dagon has copies of these chat logs and will be forwarding them to us so that we can review and produce them.

>

> Beth Young

> Assistant Attorney General

> Office of the Attorney General Chris Carr Government Services &

> Employment

> (404) 458-3425

> eyoung@law.ga.gov

> Georgia Department of Law

> 40 Capitol Square SW

> Atlanta, Georgia 30334

>

>

>

> -----Original Message-----

> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>

> Sent: Friday, July 30, 2021 7:43 AM

> To: Elizabeth Young <EYoung@LAW.GA.GOV>; Kate Wasch

> <kate.wasch@legal.gatech.edu>; Jody R Westby

> <westby@globalcyberlegal.com>; Mark D. Rasch

> <rasch@globalcyberlegal.com>

> Cc: Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Scarpelli,

> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Keilty, Michael

> (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT)

> <Neeraj.Patel@usdoj.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

> Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam

> M. (CyD) (FBI) <ammaddock@fbi.gov>

> Subject: Rhannousia Logs

>

> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>

>

> All,

>

> As we have discussed with each of you, Mr. Dagon has identified "Rhannousia" chat communications that we understand are responsive to our subpoena and relevant to our investigation. We would like to obtain these communications promptly and would also like to minimize the burdens on all involved.

>

> Beth, can you please confirm in response to this email that Georgia Tech authorizes and requests that Mr. Dagon provide those logs to the government as an employee of Georgia Tech? If you would like us to issue a subpoena for them specifically and will accept service, we can do so today.

---

**From:** DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Sent:** Thursday, July 29, 2021 4:16 PM  
**To:** eyoung@law.ga.gov; Keilty, Michael (USANYE); Scarpelli, Anthony (USADC); Patel, Neeraj (USACT); Aldenberg, William B. (NH) (FBI); Eckenrode, John (JMD); Fuhrman, Tim (JMD)  
**Subject:** Special Counsel/Georgia Tech  
**Attachments:** attachment.ics

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Wednesday, July 28, 2021 1:11 PM  
**To:** kate.wasch@legal.gatech.edu  
**Subject:** Accepted: Beth Young  
**Attachments:** attachment.ics

---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Thursday, July 29, 2021 11:13 AM  
**To:** kate.wasch@legal.gatech.edu  
**Subject:** Accepted: Subpoena response  
**Attachments:** attachment.ics



---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Thursday, July 29, 2021 11:07 AM  
**To:** kate.wasch@legal.gatech.edu  
**Subject:** Accepted: Subpoena  
**Attachments:** attachment.ics

## Jotonna Tulloch

---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Sent:** Wednesday, July 28, 2021 12:51 PM  
**To:** Elizabeth Young  
**Subject:** Beth Young  
**Attachments:** attachment.ics

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Sent:** Wednesday, July 28, 2021 6:49 PM  
**To:** Lewis, Nate H; Craig, Christopher A  
**Cc:** Elizabeth Young; Contis, Didier M  
**Subject:** Follow up questions regarding server search

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good evening, gentlemen. If possible, can we talk for 30 minutes or so tomorrow or Friday? The attorney representing GT (copied on this email) has some additional questions about both the likely quantity of information on the server we discussed earlier this week, our (in)ability to search it, and possibly a few other questions. We are not asking you to perform any new searches; we just want to be able to accurately describe the situation.

It would be great if you can make time for this in the next day or so.

Didier, I am not sure you have to attend, but you are welcome to do so and may add a valuable perspective.

Kate Wasch  
Chief Counsel  
Employment & Litigation  
Office of Legal Affairs  
Georgia Institute of Technology  
Office (404) 894-4812  
Cell [REDACTED]

Most communications to or from Georgia Tech employees are a public record and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response may be subject to public disclosure.

---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Thursday, July 29, 2021 9:32 AM  
**To:** linglingnie@gatech.edu  
**Cc:** kate.wasch@legal.gatech.edu  
**Subject:** FW: Call Tomorrow (Special Counsel Investigation)

FYI

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
mailto:eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
Sent: Thursday, July 29, 2021 6:44 AM  
To: Elizabeth Young <EYoung@LAW.GA.GOV>  
Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>  
Subject: Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Beth,

The white papers and related documents you produced to us are documents that \*we\* provided to Dr. Antonakakis's counsel for their client's review. That is where his counsel obtained them. It appears you have not located any responsive documents. We are also told by Mr. Dagon's counsel that he pointed you to a number of responsive records. We further understand that Michael Farrell likely has responsive documents. When are you available for a call today to discuss?

We may need a Georgia Tech custodian to testify in grand jury next week about the steps taken to search for responsive records. Let us know some times today when you are free.

Thanks.

> On Jul 28, 2021, at 10:59 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:  
>  
> I am sending you via Kiteworks a link to a folder containing the documents that Georgia Tech is able to produce with regard to the three categories of documents you asked us to search for during our 7/21 phone conference as follows:  
>  
> 1. White papers/analytical papers related to Trump/Alfa Bank/Yotaphone: We are providing copies of several white papers and related documents that we received via counsel for Dr. Antonakakis. We are not certain as to the origin and storage history of these documents and therefore cannot provide authentication for these documents as business records of Georgia Tech.  
>  
> 2. Email communications related to Trump/Alfa Bank/Yotaphone: You asked us to revisit our prior email production to ensure that no responsive communications had been overlooked in our earlier email response. A new search was conducted using the original search terms listed in the earlier subpoena, and added white papers and analytical papers to the request. The search did identify a number of emails that were not included in the initial production, although they appear to be irrelevant and are predominantly junk mail. However, I am providing them to you in order to demonstrate Tech's compliance with your request.  
>  
> 3. You indicated that there was a "fairly large file of Trump related materials" that had been assembled for production to the office of Special Counsel Robert Muller or the DOJ. We are unable to locate such a file. I have been informed that Dr. Antonakakis has searched his server for such a file and did not find anything meeting that description.  
>  
> If you would like me to add any additional recipients to the Kiteworks folder, please let me know.  
>  
> Thank you,  
>  
> Beth Young  
> Assistant Attorney General  
> Office of the Attorney General Chris Carr Government Services &  
> Employment  
> (404) 458-3425  
> <mailto:eyoung@law.ga.gov>  
> Georgia Department of Law  
> 40 Capitol Square SW  
> Atlanta, Georgia 30334  
>  
>  
>  
>  
>  
>  
>  
> -----Original Message-----  
> From: DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>  
> Sent: Wednesday, July 28, 2021 6:37 AM  
> To: Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>  
> Cc: Fuller, Christian <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>; Wasch, Kate  
> <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Eckenrode, John (JMD)  
> <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI)  
> <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Fuhrman, Tim (JMD) <[Tim.Fuhrman@usdoj.gov](mailto:Tim.Fuhrman@usdoj.gov)>;  
> Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Scarpelli,  
> Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Patel, Neeraj (USACT)

> <Neeraj.Patel@usdoj.gov>  
> Subject: Re: Call Tomorrow (Special Counsel Investigation)  
>  
> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.  
>  
>  
> Good morning Beth,  
>  
> You had said on Friday that you hoped to start producing documents on Monday. Can we expect to receive them today? Thanks.  
>  
>> On Jul 23, 2021, at 9:31 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:  
>>  
>> That's fine. Talk to you then.  
>>  
>> Beth Young  
>> Assistant Attorney General  
>> Office of the Attorney General Chris Carr Government Services &  
>> Employment  
>> (404) 458-3425  
>> eyoung@law.ga.gov  
>> Georgia Department of Law  
>> 40 Capitol Square SW  
>> Atlanta, Georgia 30334  
>>  
>>  
>>  
>>  
>> -----Original Message-----  
>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
>> Sent: Friday, July 23, 2021 9:08 AM  
>> To: Elizabeth Young <EYoung@LAW.GA.GOV>  
>> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch,  
>> Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)  
>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,  
>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)  
>> <Neeraj.Patel@usdoj.gov>  
>> Subject: Re: Call Tomorrow (Special Counsel Investigation)  
>>  
>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.  
>>  
>>  
>> Can we say 4:30? Thank you.  
>>  
>>>> On Jul 23, 2021, at 8:59 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:  
>>>>  
>>>> I'm booked up this morning but available after lunch - how about 2:30? If that doesn't work let me know what does.  
>>>>

>>>  
>>> Beth Young  
>>> Assistant Attorney General  
>>> Office of the Attorney General Chris Carr Government Services &  
>>> Employment  
>>> (404) 458-3425  
>>> eyoung@law.ga.gov  
>>> Georgia Department of Law  
>>> 40 Capitol Square SW  
>>> Atlanta, Georgia 30334  
>>>  
>>>  
>>>  
>>> -----Original Message-----  
>>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
>>> Sent: Thursday, July 22, 2021 10:17 PM  
>>> To: Elizabeth Young <EYoung@LAW.GA.GOV>  
>>> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch,  
>>> Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)  
>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
>>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,  
>>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)  
>>> <Neeraj.Patel@usdoj.gov>  
>>> Subject: Re: Call Tomorrow (Special Counsel Investigation)  
>>>  
>>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you  
recognize the sender and know the content is safe.  
>>>  
>>>  
>>> Beth,  
>>> We hope all is well. Can you let us know some times tomorrow when you would be available for an update call?  
>>>  
>>> Thank you.  
>>>  
>>>  
>>>  
>>>>> On Jul 21, 2021, at 8:07 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:  
>>>>> I'm available for a call at 3:30 today. Please let me know what number you'd like me to call.  
>>>>> Elizabeth (Beth) Young  
>>>>> Assistant Attorney General  
>>>>> Office of the Attorney General Chris Carr Government Services &  
>>>>> Employment  
>>>>> (404) 458-3425  
>>>>> eyoung@law.ga.gov  
>>>>> Georgia Department of Law  
>>>>> 40 Capitol Square SW  
>>>>> Atlanta, Georgia 30334  
>>>>> -----Original Message-----  
>>>>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
>>>>> Sent: Wednesday, July 21, 2021 7:05 AM  
>>>>> To: Jody R Westby <westby@globalcyberlegal.com>

>>>> Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch  
>>>> <rasch@globalcyberlegal.com>; Fuller, Christian  
>>>> <christian.fuller@legal.gatech.edu>; Wasch, Kate  
>>>> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)  
>>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
>>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
>>>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,  
>>>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj  
>>>> (USACT) <Neeraj.Patel@usdoj.gov>  
>>>> Subject: RE: Call Tomorrow (Special Counsel Investigation)  
>>>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.  
>>>> Jody, It is unfortunate that you are not willing to join a call with Georgia Tech's counsel for purposes of efficiency and to avoid delaying compliance with federal subpoenas. Regardless, can we please speak at 11:30 AM with you and Mark? Beth, would you then be available for a separate call with our team at either 2:30 PM or 3:30 PM?  
>>>> -----Original Message-----  
>>>> From: Jody R Westby <westby@globalcyberlegal.com>  
>>>> Sent: Tuesday, July 20, 2021 11:23 PM  
>>>> To: DeFilippis, Andrew (USANYS) <ADeFilippis@usa.doj.gov>  
>>>> Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch  
>>>> <rasch@globalcyberlegal.com>; Fuller, Christian  
>>>> <christian.fuller@legal.gatech.edu>; Wasch, Kate  
>>>> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)  
>>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
>>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
>>>> Keilty, Michael (USANYE) <MKeilty@usa.doj.gov>; Scarpelli, Anthony  
>>>> (USADC) <AScarpelli@usa.doj.gov>; Patel, Neeraj (USACT)  
>>>> <npatel2@usa.doj.gov>  
>>>> Subject: Re: Call Tomorrow (Special Counsel Investigation) Dear  
>>>> Andrew:  
>>>> We appreciate that you need the documents / data subject to the subpoenas to Georgia Tech. However, we are not a party to those subpoenas and have no knowledge of them. We are not the custodian of records for Georgia Tech, and our client is not the Principal Investigator on the DARPA contract or a professor of the College of Electrical Engineering. We have indicated that we do not believe that Mr. Dagon has any responsive Georgia Tech documents / data in his personal capacity. While our client may be helpful in pointing Georgia Tech to documents or data relevant to their subpoenas (if we are informed of their contents), responsibility for compliance lies with Georgia Tech. We respectfully request that the Special Counsel's team work with each party that it is seeking evidence from and not ask us to get in the middle. Georgia Tech needs to determine how it wants to respond to the subpoenas; we are more than happy to provide any assistance that would be useful to them.  
>>>> We hope you understand that we are trying to be cooperative. We would be happy to have a call with you and your team separately if that would be helpful.  
>>>> Best regards,  
>>>> Jody  
>>>> Jody R Westby, Esq.  
>>>> Managing Principal  
>>>> Global Cyber Legal LLC  
>>>> +1.202.255.2700  
>>>> westby@globalcyberlegal.com  
>>>> <https://protect2.fireeye.com/v1/url?k=7211baee-2d8a821e-72169e0b-ac>  
>>>> 1  
>>>> f  
>>>> 6



>>>> b0176b0-2941286214a1b996&q=1&e=3db575fb-ac73-4426-bd1f-7b6d618c069d

>>>> & u = http%3A%2F%2Fwww.globalcyberlegal.com%2F

>>>>> On Jul 20, 2021, at 10:24 PM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:

>>>> Good Evening Counsel for Georgia Tech and Counsel for David Dagon,

>>>> We hope all is well. Can you please let us know when you are available for a joint call tomorrow -- preferably at either 11:30 AM, 2:20 PM or 3:30 PM? We would like to discuss your clients' compliance with recently issued federal grand jury subpoenas. It is important that we have this call to ensure timely and comprehensive compliance with the subpoenas. Thanks very much.

>>>> The Special Counsel Team

---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Sent:** Friday, July 30, 2021 1:02 PM  
**To:** Elizabeth Young  
**Subject:** FW: Meeting with government  
**Attachments:** attachment.ics

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

-----Original Appointment-----

**From:** Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>

**Sent:** Friday, July 30, 2021 10:09 AM

**To:** Jara, Ana; DeFilippis, Andrew (USANYS); Wasch, Kate; Eckenrode, John (JMD); Aldenberg, William B. (NH) (FBI); Keilty, Michael (USANYE); Scarpelli, Anthony (USADC); Patel, Neeraj (USACT); Maddock, Adam M. (CyD) (FBI); Beutler, Kristen M. (CG) (FBI); Schamel, Mark; Antonakakis, Manos

**Subject:** Meeting with government

**When:** Friday, July 30, 2021 1:00 PM-2:55 PM (UTC-05:00) Eastern Time (US & Canada).

**Where:** WebEx Information in Notes

-- Do not delete or change any of the following text. --

**When it's time, join your Webex meeting here.**

[Join meeting](#)

**More ways to join:**

**Join from the meeting link**

<https://ls1.webex.com/ls1/j.php?MTID=m1fa20a6e4acb3f22484966495fb8601c>

**Join by meeting number**

Meeting number (access code): [REDACTED]

Meeting password: [REDACTED]

**Tap to join from a mobile device (attendees only)**

+ [REDACTED] United States Toll

[REDACTED] United States Toll Free

**Join by phone**

+1-408-418-9388 United States Toll  
1-844-992-4726 United States Toll Free  
[Global call-in numbers](#) | [Toll-free calling restrictions](#)

**Join from a video system or application**

Dial [1796514485@ls1.webex.com](tel:1796514485)

You can also dial 173.243.2.68 and enter your meeting number.

**Join using Microsoft Lync or Microsoft Skype for Business**

Dial [1796514485.ls1@lync.webex.com](tel:1796514485)

If you are a host, [click here](#) to view host information.

Need help? Go to <https://help.webex.com>

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

**From:** Elizabeth Young <eyoung@law.ga.gov>  
**Sent:** Monday, July 19, 2021 1:53 PM  
**To:** 'Andrew.DeFilippis@usdoj.gov'  
**Cc:** 'Fuller, Christian'; Wasch, Kate; Ling-Ling Nie (linglingnie@gatech.edu)  
**Subject:** Georgia Tech Subpoena 7-19-2021

Mr. DeFilippis,

I have been engaged to represent Georgia Tech and the University System of Georgia in responding to your 7/19 subpoena. I've been forwarded a copy of the subpoena and your email sent this afternoon.

I look forward to discussing your suggestions for identifying responsive materials. Would tomorrow morning at 10 AM work for a call to discuss? If not, let me know what times would be better for you.

Thank you,  
Beth Young



**Elizabeth (Beth) Young**  
Assistant Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

## Jotonna Tulloch

---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Thursday, July 29, 2021 10:45 AM  
**To:** Andrew.DeFilippis@usdoj.gov  
**Cc:** christian.fuller@legal.gatech.edu; kate.wasch@legal.gatech.edu;  
John.Eckenrode@usdoj.gov; wbaldenberg@fbi.gov; Tim.Fuhrman@usdoj.gov;  
Michael.Keilty@usdoj.gov; Anthony.Scarpelli@usdoj.gov; Neeraj.Patel@usdoj.gov  
**Subject:** RE: Call Tomorrow (Special Counsel Investigation)

We are working on responding to the issues you've raised in this and your previous email. Sometime late afternoon would be best - would 4:00 work for you?

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
mailto:eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

**From:** DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Sent:** Thursday, July 29, 2021 6:44 AM  
**To:** Elizabeth Young <EYoung@LAW.GA.GOV>  
**Cc:** Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>  
**Subject:** Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Beth,

The white papers and related documents you produced to us are documents that \*we\* provided to Dr. Antonakakis's counsel for their client's review. That is where his counsel obtained them. It appears you have not located any responsive documents. We are also told by Mr. Dagon's counsel that he pointed you to a number of responsive records. We further understand that Michael Farrell likely has responsive documents. When are you available for a call today to discuss?

We may need a Georgia Tech custodian to testify in grand jury next week about the steps taken to search for responsive records. Let us know some times today when you are free.

Thanks.

> On Jul 28, 2021, at 10:59 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>

> I am sending you via Kiteworks a link to a folder containing the documents that Georgia Tech is able to produce with regard to the three categories of documents you asked us to search for during our 7/21 phone conference as follows:

>

> 1. White papers/analytical papers related to Trump/Alfa Bank/Yotaphone: We are providing copies of several white papers and related documents that we received via counsel for Dr. Antonakakis. We are not certain as to the origin and storage history of these documents and therefore cannot provide authentication for these documents as business records of Georgia Tech.

>

> 2. Email communications related to Trump/Alfa Bank/Yotaphone: You asked us to revisit our prior email production to ensure that no responsive communications had been overlooked in our earlier email response. A new search was conducted using the original search terms listed in the earlier subpoena, and added white papers and analytical papers to the request. The search did identify a number of emails that were not included in the initial production, although they appear to be irrelevant and are predominantly junk mail. However, I am providing them to you in order to demonstrate Tech's compliance with your request.

>

> 3. You indicated that there was a "fairly large file of Trump related materials" that had been assembled for production to the office of Special Counsel Robert Muller or the DOJ. We are unable to locate such a file. I have been informed that Dr. Antonakakis has searched his server for such a file and did not find anything meeting that description.

>

> If you would like me to add any additional recipients to the Kiteworks folder, please let me know.

>

> Thank you,

>

> Beth Young

> Assistant Attorney General

> Office of the Attorney General Chris Carr Government Services &

> Employment

> (404) 458-3425

> <mailto:eyoung@law.ga.gov>

> Georgia Department of Law

> 40 Capitol Square SW

> Atlanta, Georgia 30334

>

>

>

>

>

>

>

> -----Original Message-----

> From: DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>

> Sent: Wednesday, July 28, 2021 6:37 AM

> To: Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>

> Cc: Fuller, Christian <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>; Wasch, Kate

> <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Eckenrode, John (JMD)

> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,  
> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)  
> <Neeraj.Patel@usdoj.gov>  
> Subject: Re: Call Tomorrow (Special Counsel Investigation)  
>  
> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you  
recognize the sender and know the content is safe.  
>  
>  
> Good morning Beth,  
>  
> You had said on Friday that you hoped to start producing documents on Monday. Can we expect to receive them  
today? Thanks.  
>  
>> On Jul 23, 2021, at 9:31 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:  
>>  
>> That's fine. Talk to you then.  
>>  
>> Beth Young  
>> Assistant Attorney General  
>> Office of the Attorney General Chris Carr Government Services &  
>> Employment  
>> (404) 458-3425  
>> eyoung@law.ga.gov  
>> Georgia Department of Law  
>> 40 Capitol Square SW  
>> Atlanta, Georgia 30334  
>>  
>>  
>>  
>>  
>> -----Original Message-----  
>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
>> Sent: Friday, July 23, 2021 9:08 AM  
>> To: Elizabeth Young <EYoung@LAW.GA.GOV>  
>> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch,  
>> Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)  
>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,  
>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)  
>> <Neeraj.Patel@usdoj.gov>  
>> Subject: Re: Call Tomorrow (Special Counsel Investigation)  
>>  
>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you  
recognize the sender and know the content is safe.  
>>  
>>  
>> Can we say 4:30? Thank you.  
>>

>>>> On Jul 23, 2021, at 8:59 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>>>

>>> I'm booked up this morning but available after lunch - how about 2:30? If that doesn't work let me know what does.

>>>

>>>

>>> Beth Young

>>> Assistant Attorney General

>>> Office of the Attorney General Chris Carr Government Services &

>>> Employment

>>> (404) 458-3425

>>> eyoung@law.ga.gov

>>> Georgia Department of Law

>>> 40 Capitol Square SW

>>> Atlanta, Georgia 30334

>>>

>>>

>>>

>>> -----Original Message-----

>>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>

>>> Sent: Thursday, July 22, 2021 10:17 PM

>>> To: Elizabeth Young <EYoung@LAW.GA.GOV>

>>> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch,

>>> Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)

>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)

>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

>>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,

>>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)

>>> <Neeraj.Patel@usdoj.gov>

>>> Subject: Re: Call Tomorrow (Special Counsel Investigation)

>>>

>>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>>>

>>>

>>> Beth,

>>> We hope all is well. Can you let us know some times tomorrow when you would be available for an update call?

>>>

>>> Thank you.

>>>

>>>

>>>

>>>>> On Jul 21, 2021, at 8:07 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>>>>> I'm available for a call at 3:30 today. Please let me know what number you'd like me to call.

>>>>> Elizabeth (Beth) Young

>>>>> Assistant Attorney General

>>>>> Office of the Attorney General Chris Carr Government Services &

>>>>> Employment

>>>>> (404) 458-3425

>>>>> eyoung@law.ga.gov

>>>>> Georgia Department of Law

>>>>> 40 Capitol Square SW

>>>>> Atlanta, Georgia 30334



>>>> -----Original Message-----

>>>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>

>>>> Sent: Wednesday, July 21, 2021 7:05 AM

>>>> To: Jody R Westby <westby@globalcyberlegal.com>

>>>> Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch

>>>> <rasch@globalcyberlegal.com>; Fuller, Christian

>>>> <christian.fuller@legal.gatech.edu>; Wasch, Kate

>>>> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)

>>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)

>>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

>>>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,

>>>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj

>>>> (USACT) <Neeraj.Patel@usdoj.gov>

>>>> Subject: RE: Call Tomorrow (Special Counsel Investigation)

>>>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>>>> Jody, It is unfortunate that you are not willing to join a call with Georgia Tech's counsel for purposes of efficiency and to avoid delaying compliance with federal subpoenas. Regardless, can we please speak at 11:30 AM with you and Mark? Beth, would you then be available for a separate call with our team at either 2:30 PM or 3:30 PM?

>>>> -----Original Message-----

>>>> From: Jody R Westby <westby@globalcyberlegal.com>

>>>> Sent: Tuesday, July 20, 2021 11:23 PM

>>>> To: DeFilippis, Andrew (USANYS) <ADeFilippis@usa.doj.gov>

>>>> Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch

>>>> <rasch@globalcyberlegal.com>; Fuller, Christian

>>>> <christian.fuller@legal.gatech.edu>; Wasch, Kate

>>>> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)

>>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)

>>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

>>>> Keilty, Michael (USANYE) <MKeilty@usa.doj.gov>; Scarpelli, Anthony

>>>> (USADC) <AScarpelli@usa.doj.gov>; Patel, Neeraj (USACT)

>>>> <npatel2@usa.doj.gov>

>>>> Subject: Re: Call Tomorrow (Special Counsel Investigation) Dear

>>>> Andrew:

>>>> We appreciate that you need the documents / data subject to the subpoenas to Georgia Tech. However, we are not a party to those subpoenas and have no knowledge of them. We are not the custodian of records for Georgia Tech, and our client is not the Principal Investigator on the DARPA contract or a professor of the College of Electrical Engineering. We have indicated that we do not believe that Mr. Dagon has any responsive Georgia Tech documents / data in his personal capacity. While our client may be helpful in pointing Georgia Tech to documents or data relevant to their subpoenas (if we are informed of their contents), responsibility for compliance lies with Georgia Tech. We respectfully request that the Special Counsel's team work with each party that it is seeking evidence from and not ask us to get in the middle. Georgia Tech needs to determine how it wants to respond to the subpoenas; we are more than happy to provide any assistance that would be useful to them.

>>>> We hope you understand that we are trying to be cooperative. We would be happy to have a call with you and your team separately if that would be helpful.

>>>> Best regards,

>>>> Jody

>>>> Jody R Westby, Esq.

>>>> Managing Principal

>>>> Global Cyber Legal LLC

>>>> +1.202.255.2700

>>>> westby@globalcyberlegal.com

>>>> https://protect2.fireeye.com/v1/url?k=7211baee-2d8a821e-72169e0b-ac

>>>> 1

>>>> f

>>>> 6

>>>> b0176b0-2941286214a1b996&q=1&e=3db575fb-ac73-4426-bd1f-7b6d618c069d

>>>> & u = http%3A%2F%2Fwww.globalcyberlegal.com%2F

>>>>> On Jul 20, 2021, at 10:24 PM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:

>>>> Good Evening Counsel for Georgia Tech and Counsel for David Dagon,

>>>> We hope all is well. Can you please let us know when you are available for a joint call tomorrow -- preferably at either 11:30 AM, 2:20 PM or 3:30 PM? We would like to discuss your clients' compliance with recently issued federal grand jury subpoenas. It is important that we have this call to ensure timely and comprehensive compliance with the subpoenas. Thanks very much.

>>>> The Special Counsel Team

## Jotonna Tulloch

---

**From:** Elizabeth Young <eyoung@law.ga.gov>  
**Sent:** Wednesday, July 28, 2021 10:59 AM  
**To:** 'DeFilippis, Andrew (USANYS)'  
**Cc:** Fuller, Christian; Wasch, Kate; Eckenrode, John (JMD); Aldenberg, William B. (NH) (FBI); Fuhrman, Tim (JMD); Keilty, Michael (USANYE); Scarpelli, Anthony (USADC); Patel, Neeraj (USACT)  
**Subject:** RE: Call Tomorrow (Special Counsel Investigation)

I am sending you via Kiteworks a link to a folder containing the documents that Georgia Tech is able to produce with regard to the three categories of documents you asked us to search for during our 7/21 phone conference as follows:

1. White papers/analytical papers related to Trump/Alfa Bank/Yotaphone: We are providing copies of several white papers and related documents that we received via counsel for Dr. Antonakakis. We are not certain as to the origin and storage history of these documents and therefore cannot provide authentication for these documents as business records of Georgia Tech.

2. Email communications related to Trump/Alfa Bank/Yotaphone: You asked us to revisit our prior email production to ensure that no responsive communications had been overlooked in our earlier email response. A new search was conducted using the original search terms listed in the earlier subpoena, and added white papers and analytical papers to the request. The search did identify a number of emails that were not included in the initial production, although they appear to be irrelevant and are predominantly junk mail. However, I am providing them to you in order to demonstrate Tech's compliance with your request.

3. You indicated that there was a "fairly large file of Trump related materials" that had been assembled for production to the office of Special Counsel Robert Muller or the DOJ. We are unable to locate such a file. I have been informed that Dr. Antonakakis has searched his server for such a file and did not find anything meeting that description.

If you would like me to add any additional recipients to the Kiteworks folder, please let me know.

Thank you,

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
mailto:eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
Sent: Wednesday, July 28, 2021 6:37 AM

To: Elizabeth Young <EYoung@LAW.GA.GOV>

Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>

Subject: Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning Beth,

You had said on Friday that you hoped to start producing documents on Monday. Can we expect to receive them today? Thanks.

> On Jul 23, 2021, at 9:31 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>

> That's fine. Talk to you then.

>

> Beth Young

> Assistant Attorney General

> Office of the Attorney General Chris Carr Government Services &

> Employment

> (404) 458-3425

> eyoung@law.ga.gov

> Georgia Department of Law

> 40 Capitol Square SW

> Atlanta, Georgia 30334

>

>

>

>

> -----Original Message-----

> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>

> Sent: Friday, July 23, 2021 9:08 AM

> To: Elizabeth Young <EYoung@LAW.GA.GOV>

> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate

> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)

> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)

> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,

> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)

> <Neeraj.Patel@usdoj.gov>

> Subject: Re: Call Tomorrow (Special Counsel Investigation)

>

> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>

>

> Can we say 4:30? Thank you.

>

>> On Jul 23, 2021, at 8:59 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>>

>> I'm booked up this morning but available after lunch - how about 2:30? If that doesn't work let me know what does.

>>

>>

>> Beth Young

>> Assistant Attorney General

>> Office of the Attorney General Chris Carr Government Services &

>> Employment

>> (404) 458-3425

>> eyoung@law.ga.gov

>> Georgia Department of Law

>> 40 Capitol Square SW

>> Atlanta, Georgia 30334

>>

>>

>>

>> -----Original Message-----

>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>

>> Sent: Thursday, July 22, 2021 10:17 PM

>> To: Elizabeth Young <EYoung@LAW.GA.GOV>

>> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch,

>> Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)

>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)

>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,

>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)

>> <Neeraj.Patel@usdoj.gov>

>> Subject: Re: Call Tomorrow (Special Counsel Investigation)

>>

>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>>

>>

>> Beth,

>> We hope all is well. Can you let us know some times tomorrow when you would be available for an update call?

>>

>> Thank you.

>>

>>

>>

>>>> On Jul 21, 2021, at 8:07 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>>> I'm available for a call at 3:30 today. Please let me know what number you'd like me to call.

>>> Elizabeth (Beth) Young

>>> Assistant Attorney General

>>> Office of the Attorney General Chris Carr Government Services &

>>> Employment

>>> (404) 458-3425

>>> eyoung@law.ga.gov

>>> Georgia Department of Law

>>> 40 Capitol Square SW

>>> Atlanta, Georgia 30334

>>> -----Original Message-----

>>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>

>>> Sent: Wednesday, July 21, 2021 7:05 AM

>>> To: Jody R Westby <westby@globalcyberlegal.com>

>>> Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch

>>> <rasch@globalcyberlegal.com>; Fuller, Christian

>>> <christian.fuller@legal.gatech.edu>; Wasch, Kate

>>> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)

>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)

>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

>>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,

>>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)

>>> <Neeraj.Patel@usdoj.gov>

>>> Subject: RE: Call Tomorrow (Special Counsel Investigation)

>>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>>> Jody, It is unfortunate that you are not willing to join a call with Georgia Tech's counsel for purposes of efficiency and to avoid delaying compliance with federal subpoenas. Regardless, can we please speak at 11:30 AM with you and Mark? Beth, would you then be available for a separate call with our team at either 2:30 PM or 3:30 PM?

>>> -----Original Message-----

>>> From: Jody R Westby <westby@globalcyberlegal.com>

>>> Sent: Tuesday, July 20, 2021 11:23 PM

>>> To: DeFilippis, Andrew (USANYS) <ADeFilippis@usa.doj.gov>

>>> Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch

>>> <rasch@globalcyberlegal.com>; Fuller, Christian

>>> <christian.fuller@legal.gatech.edu>; Wasch, Kate

>>> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)

>>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)

>>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

>>> Keilty, Michael (USANYE) <MKeilty@usa.doj.gov>; Scarpelli, Anthony

>>> (USADC) <AScarpelli@usa.doj.gov>; Patel, Neeraj (USACT)

>>> <npatel2@usa.doj.gov>

>>> Subject: Re: Call Tomorrow (Special Counsel Investigation) Dear

>>> Andrew:

>>> We appreciate that you need the documents / data subject to the subpoenas to Georgia Tech. However, we are not a party to those subpoenas and have no knowledge of them. We are not the custodian of records for Georgia Tech, and our client is not the Principal Investigator on the DARPA contract or a professor of the College of Electrical Engineering. We have indicated that we do not believe that Mr. Dagon has any responsive Georgia Tech documents / data in his personal capacity. While our client may be helpful in pointing Georgia Tech to documents or data relevant to their subpoenas (if we are informed of their contents), responsibility for compliance lies with Georgia Tech. We respectfully request that the Special Counsel's team work with each party that it is seeking evidence from and not ask us to get in the middle. Georgia Tech needs to determine how it wants to respond to the subpoenas; we are more than happy to provide any assistance that would be useful to them.

>>> We hope you understand that we are trying to be cooperative. We would be happy to have a call with you and your team separately if that would be helpful.

>>> Best regards,

>>> Jody

>>> Jody R Westby, Esq.

>>> Managing Principal

>>> Global Cyber Legal LLC

>>> +1.202.255.2700

>>> westby@globalcyberlegal.com

>>> <https://protect2.fireeye.com/v1/url?k=7211baee-2d8a821e-72169e0b-ac1>

>>> f

>>> 6

>>> b0176b0-2941286214a1b996&q=1&e=3db575fb-ac73-4426-bd1f-7b6d618c069d&

>>> u = <http://www.globalcyberlegal.com>

>>>> On Jul 20, 2021, at 10:24 PM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:

>>> Good Evening Counsel for Georgia Tech and Counsel for David Dagon,

>>> We hope all is well. Can you please let us know when you are available for a joint call tomorrow -- preferably at either 11:30 AM, 2:20 PM or 3:30 PM? We would like to discuss your clients' compliance with recently issued federal grand jury subpoenas. It is important that we have this call to ensure timely and comprehensive compliance with the subpoenas. Thanks very much.

>>> The Special Counsel Team

---

**From:** Elizabeth Young <eyoung@law.ga.gov>  
**Sent:** Friday, July 23, 2021 9:32 AM  
**To:** 'DeFilippis, Andrew (USANYS)'  
**Cc:** Fuller, Christian; Wasch, Kate; Eckenrode, John (JMD); Aldenberg, William B. (NH) (FBI); Fuhrman, Tim (JMD); Keilty, Michael (USANYE); Scarpelli, Anthony (USADC); Patel, Neeraj (USACT)  
**Subject:** RE: Call Tomorrow (Special Counsel Investigation)

That's fine. Talk to you then.

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
Sent: Friday, July 23, 2021 9:08 AM  
To: Elizabeth Young <EYoung@LAW.GA.GOV>  
Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>  
Subject: Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Can we say 4:30? Thank you.

> On Jul 23, 2021, at 8:59 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:  
>  
> I'm booked up this morning but available after lunch - how about 2:30? If that doesn't work let me know what does.  
>  
>  
> Beth Young  
> Assistant Attorney General  
> Office of the Attorney General Chris Carr Government Services &  
> Employment  
> (404) 458-3425



> eyoung@law.ga.gov  
> Georgia Department of Law  
> 40 Capitol Square SW  
> Atlanta, Georgia 30334

>  
>  
>  
> -----Original Message-----

> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
> Sent: Thursday, July 22, 2021 10:17 PM  
> To: Elizabeth Young <EYoung@LAW.GA.GOV>  
> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate  
> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)  
> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,  
> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)  
> <Neeraj.Patel@usdoj.gov>  
> Subject: Re: Call Tomorrow (Special Counsel Investigation)

>  
> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>  
>  
> Beth,  
> We hope all is well. Can you let us know some times tomorrow when you would be available for an update call?

>  
> Thank you.

>  
>  
>  
>> On Jul 21, 2021, at 8:07 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:  
>> I'm available for a call at 3:30 today. Please let me know what number you'd like me to call.

>> Elizabeth (Beth) Young  
>> Assistant Attorney General  
>> Office of the Attorney General Chris Carr Government Services &  
>> Employment  
>> (404) 458-3425  
>> eyoung@law.ga.gov  
>> Georgia Department of Law  
>> 40 Capitol Square SW  
>> Atlanta, Georgia 30334

>> -----Original Message-----  
>> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
>> Sent: Wednesday, July 21, 2021 7:05 AM  
>> To: Jody R Westby <westby@globalcyberlegal.com>  
>> Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch  
>> <rasch@globalcyberlegal.com>; Fuller, Christian  
>> <christian.fuller@legal.gatech.edu>; Wasch, Kate  
>> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)  
>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;

>> Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli,  
>> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT)  
>> <Neeraj.Patel@usdoj.gov>  
>> Subject: RE: Call Tomorrow (Special Counsel Investigation)  
>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.  
>> Jody, It is unfortunate that you are not willing to join a call with Georgia Tech's counsel for purposes of efficiency and to avoid delaying compliance with federal subpoenas. Regardless, can we please speak at 11:30 AM with you and Mark? Beth, would you then be available for a separate call with our team at either 2:30 PM or 3:30 PM?  
>> -----Original Message-----  
>> From: Jody R Westby <westby@globalcyberlegal.com>  
>> Sent: Tuesday, July 20, 2021 11:23 PM  
>> To: DeFilippis, Andrew (USANYS) <ADeFilippis@usa.doj.gov>  
>> Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch  
>> <rasch@globalcyberlegal.com>; Fuller, Christian  
>> <christian.fuller@legal.gatech.edu>; Wasch, Kate  
>> <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD)  
>> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
>> <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
>> Keilty, Michael (USANYE) <MKeilty@usa.doj.gov>; Scarpelli, Anthony  
>> (USADC) <AScarpelli@usa.doj.gov>; Patel, Neeraj (USACT)  
>> <npatel2@usa.doj.gov>  
>> Subject: Re: Call Tomorrow (Special Counsel Investigation) Dear  
>> Andrew:  
>> We appreciate that you need the documents / data subject to the subpoenas to Georgia Tech. However, we are not a party to those subpoenas and have no knowledge of them. We are not the custodian of records for Georgia Tech, and our client is not the Principal Investigator on the DARPA contract or a professor of the College of Electrical Engineering. We have indicated that we do not believe that Mr. Dagon has any responsive Georgia Tech documents / data in his personal capacity. While our client may be helpful in pointing Georgia Tech to documents or data relevant to their subpoenas (if we are informed of their contents), responsibility for compliance lies with Georgia Tech. We respectfully request that the Special Counsel's team work with each party that it is seeking evidence from and not ask us to get in the middle. Georgia Tech needs to determine how it wants to respond to the subpoenas; we are more than happy to provide any assistance that would be useful to them.  
>> We hope you understand that we are trying to be cooperative. We would be happy to have a call with you and your team separately if that would be helpful.  
>> Best regards,  
>> Jody  
>> Jody R Westby, Esq.  
>> Managing Principal  
>> Global Cyber Legal LLC  
>> +1.202.255.2700  
>> westby@globalcyberlegal.com  
>> <https://protect2.fireeye.com/v1/url?k=7211baee-2d8a821e-72169e0b-ac1f>  
>> 6  
>> b0176b0-2941286214a1b996&q=1&e=3db575fb-ac73-4426-bd1f-7b6d618c069d&u  
>> = http%3A%2F%2Fwww.globalcyberlegal.com%2F  
>> On Jul 20, 2021, at 10:24 PM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:  
>> Good Evening Counsel for Georgia Tech and Counsel for David Dagon,  
>> We hope all is well. Can you please let us know when you are available for a joint call tomorrow -- preferably at either 11:30 AM, 2:20 PM or 3:30 PM? We would like to discuss your clients' compliance with recently issued federal grand jury subpoenas. It is important that we have this call to ensure timely and comprehensive compliance with the subpoenas. Thanks very much.

>> The Special Counsel Team

---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Thursday, July 29, 2021 12:26 PM  
**To:** Andrew.DeFilippis@usdoj.gov  
**Cc:** kate.wasch@legal.gatech.edu; wbaldenberg@fbi.gov; Tim.Fuhrman@usdoj.gov; Michael.Keilty@usdoj.gov; Anthony.Scarpelli@usdoj.gov; Neeraj.Patel@usdoj.gov  
**Subject:** RE: Call Tomorrow (Special Counsel Investigation)

I now have a call that I need to take at 4, so could we make it 4:30?

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Elizabeth Young  
Sent: Thursday, July 29, 2021 10:45 AM  
To: 'DeFilippis, Andrew (USANYS)' <Andrew.DeFilippis@usdoj.gov>  
Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>  
Subject: RE: Call Tomorrow (Special Counsel Investigation)

We are working on responding to the issues you've raised in this and your previous email. Sometime late afternoon would be best - would 4:00 work for you?

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
mailto:eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>

Sent: Thursday, July 29, 2021 6:44 AM

To: Elizabeth Young <EYoung@LAW.GA.GOV>

Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>

Subject: Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Beth,

The white papers and related documents you produced to us are documents that \*we\* provided to Dr. Antonakakis's counsel for their client's review. That is where his counsel obtained them. It appears you have not located any responsive documents. We are also told by Mr. Dagon's counsel that he pointed you to a number of responsive records. We further understand that Michael Farrell likely has responsive documents. When are you available for a call today to discuss?

We may need a Georgia Tech custodian to testify in grand jury next week about the steps taken to search for responsive records. Let us know some times today when you are free.

Thanks.

> On Jul 28, 2021, at 10:59 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>

> I am sending you via Kiteworks a link to a folder containing the documents that Georgia Tech is able to produce with regard to the three categories of documents you asked us to search for during our 7/21 phone conference as follows:

>

> 1. White papers/analytical papers related to Trump/Alfa Bank/Yotaphone: We are providing copies of several white papers and related documents that we received via counsel for Dr. Antonakakis. We are not certain as to the origin and storage history of these documents and therefore cannot provide authentication for these documents as business records of Georgia Tech.

>

> 2. Email communications related to Trump/Alfa Bank/Yotaphone: You asked us to revisit our prior email production to ensure that no responsive communications had been overlooked in our earlier email response. A new search was conducted using the original search terms listed in the earlier subpoena, and added white papers and analytical papers to the request. The search did identify a number of emails that were not included in the initial production, although they appear to be irrelevant and are predominantly junk mail. However, I am providing them to you in order to demonstrate Tech's compliance with your request.

>

> 3. You indicated that there was a "fairly large file of Trump related materials" that had been assembled for production to the office of Special Counsel Robert Muller or the DOJ. We are unable to locate such a file. I have been informed that Dr. Antonakakis has searched his server for such a file and did not find anything meeting that description.

>

> If you would like me to add any additional recipients to the Kiteworks folder, please let me know.

## Jotonna Tulloch

---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Sent:** Friday, July 30, 2021 1:02 PM  
**To:** Elizabeth Young  
**Subject:** RE: Do you need me on the 1:00 call?

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks. I didn't look closely and did not realize that only I was included. I forwarded the invite just now.

---

**From:** Elizabeth Young  
**Sent:** Friday, July 30, 2021 12:59 PM  
**To:** Wasch, Kate  
**Subject:** RE: Do you need me on the 1:00 call?

I think Ana sent the invite only to you. Happy to attend if you send the invite to me, or you can attend – either works for me. Not sure there's any reason for us both to be on the call.



**Beth Young**  
Assistant Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3425  
[eyoung@law.ga.gov](mailto:eyoung@law.ga.gov)  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>  
**Sent:** Friday, July 30, 2021 12:56 PM  
**To:** Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>  
**Subject:** Do you need me on the 1:00 call?

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Let me know. Thanks!

Kate Wasch  
Chief Counsel  
Employment & Litigation  
Office of Legal Affairs  
Georgia Institute of Technology  
Office (404) 894-4812  
Cell [REDACTED]

Most communications to or from Georgia Tech employees are a public record and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response may be subject to public disclosure.

---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Sent:** Friday, July 30, 2021 1:01 PM  
**To:** Jara, Ana  
**Cc:** Elizabeth Young  
**Subject:** RE: Dr. Antonakakis

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi, Ana. Can you add Beth to the call? I do not plan to attend.  
Kate

---

**From:** Jara, Ana <AJara@lowenstein.com>  
**Sent:** Friday, July 30, 2021 10:21 AM  
**To:** DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Cc:** Schamel, Mark <MSchamel@lowenstein.com>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>; Maddock, Adam M. (CyD) (FBI) <ammaddock@fbi.gov>; Beutler, Kristen M. (CG) (FBI) <kmbeutler@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>  
**Subject:** RE: Dr. Antonakakis

Done.

**Ana Jara**  
She | Her | Hers  
Counsel  
Lowenstein Sandler LLP

T: 202.753.3747  
F: 973.597.2400

---

**From:** DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>  
**Sent:** Friday, July 30, 2021 10:14 AM  
**To:** Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>  
**Cc:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>; [kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu); Eckenrode, John (JMD) <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI) <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Scarpelli, Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Patel, Neeraj (USACT) <[Neeraj.Patel@usdoj.gov](mailto:Neeraj.Patel@usdoj.gov)>; Maddock, Adam M. (CyD) (FBI) <[ammaddock@fbi.gov](mailto:ammaddock@fbi.gov)>; Beutler, Kristen M. (CG) (FBI) <[kmbeutler@fbi.gov](mailto:kmbeutler@fbi.gov)>; Fuhrman, Tim (JMD) <[Tim.Fuhrman@usdoj.gov](mailto:Tim.Fuhrman@usdoj.gov)>  
**Subject:** Re: Dr. Antonakakis

Thanks, would you mind adding Tim Fuhrman (copied) as well?



On Jul 30, 2021, at 10:09 AM, Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)> wrote:

I sent the calendar invite to all on this group along with Manos. Talk to you all then.

Best,  
Ana

**Ana Jara**  
She | Her | Hers  
Counsel  
Lowenstein Sandler LLP

T: 202.753.3747  
F: 973.597.2400

---

**From:** Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)>  
**Sent:** Friday, July 30, 2021 10:07 AM  
**To:** DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>  
**Cc:** Jara, Ana <[AJara@lowenstein.com](mailto:AJara@lowenstein.com)>; [kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu); Eckenrode, John (JMD) <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI) <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Scarpelli, Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Patel, Neeraj (USACT) <[Neeraj.Patel@usdoj.gov](mailto:Neeraj.Patel@usdoj.gov)>; Maddock, Adam M. (CyD) (FBI) <[ammaddock@fbi.gov](mailto:ammaddock@fbi.gov)>; Beutler, Kristen M. (CG) (FBI) <[kmbeutler@fbi.gov](mailto:kmbeutler@fbi.gov)>  
**Subject:** Re: Dr. Antonakakis

We can start at 1.  
Will send an invite now.

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

T: 202.753.3805  
M: 202.841.3401  
F: 973.597.2400



On Jul 30, 2021, at 7:24 AM, Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)> wrote:

Will confirm as soon as I hear from Manos.

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

**T:** 202.753.3805  
**M:** 202.841.3401  
**F:** 973.597.2400



On Jul 30, 2021, at 7:08 AM, DeFilippis, Andrew (USANYS)  
<[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)> wrote:

Ok thank you, that works for us.

On Jul 30, 2021, at 7:04 AM, Schamel, Mark  
<[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)> wrote:

Andrew  
I can move some things around and do 1230 to 255. I  
will check with Ana and Manos.  
Mark

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

**T:** 202.753.3805  
**M:** 202.841.3401  
**F:** 973.597.2400



On Jul 29, 2021, at 6:26 PM, DeFilippis,  
Andrew (USANYS)  
<[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)> wrote:

Thank you, could we do the WebEx some time after noon? We are tied up in the morning.

On Jul 29, 2021, at 3:01 PM, Schamel, Mark <[MSchamel@lowenstein.com](mailto:MSchamel@lowenstein.com)> wrote:

Andrew et al

I know you are all quite excited about speaking with Manos, so we will send out a WebEx invite for tomorrow morning at 9:15 am. Given that you have now appropriately categorized Dr. Antonakakis as a witness and indicated your willingness to meet with him informally rather than in a Grand Jury, we are happy to have a follow up meeting as discussed. Please just confirm that you can do that window.

Also, we are including Kate Wasch from the Georgia Attorney General's Office, as counsel to Georgia Tech. This should streamline your requests for documents going forward.

Mark

**Mark E. Schamel**  
Partner  
Lowenstein Sandler LLP

**T:** 202.753.3805  
**M:** 202.841.3401  
**F:** 973.597.2400



---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

This message contains confidential information, intended only for the person(s) named above, which may also be privileged. Any use, distribution, copying or disclosure by any other person is strictly prohibited. In such case, you should delete this message and kindly notify the sender via reply e-mail. Please advise immediately if you or your employer does not consent to Internet e-mail for messages of this kind.

---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Sent:** Thursday, July 29, 2021 10:29 AM  
**To:** Lewis, Nate H; Contis, Didier M; Craig, Christopher A; Driskell, Griffin; Garrison, William R  
**Cc:** Elizabeth Young  
**Subject:** RE: Follow up questions regarding server search

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks, Nate. I am adding them here.

---

**From:** Lewis, Nate H  
**Sent:** Thursday, July 29, 2021 8:50 AM  
**To:** Contis, Didier M ; Wasch, Kate ; Craig, Christopher A  
**Cc:** Elizabeth Young  
**Subject:** Re: Follow up questions regarding server search

I'm happy to meet and discuss, but I definitely think we need to engage the lab support team. They may be able to attest to what would be in scope and directly provide the relevant files/data.

-Nate

---

**From:** "Contis, Didier M" <[didier.contis@gatech.edu](mailto:didier.contis@gatech.edu)>  
**Date:** Wednesday, July 28, 2021 at 7:41 PM  
**To:** "Wasch, Kate" <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>, "Lewis, Nate H" <[nate.lewis@security.gatech.edu](mailto:nate.lewis@security.gatech.edu)>, "Craig, Christopher A" <[christopher.craig@security.gatech.edu](mailto:christopher.craig@security.gatech.edu)>  
**Cc:** Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>  
**Subject:** RE: Follow up questions regarding server search

Thanks Kate. List me as optional in the invite and I will try to attend.

Quick question for Nate: following the last discussion, were you put in touch with the local IT team by Christian?

Best regards,

Didier.

---

**From:** Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>  
**Sent:** Wednesday, July 28, 2021 6:49 PM  
**To:** Lewis, Nate H <[nate.lewis@security.gatech.edu](mailto:nate.lewis@security.gatech.edu)>; Craig, Christopher A <[christopher.craig@security.gatech.edu](mailto:christopher.craig@security.gatech.edu)>  
**Cc:** Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>; Contis, Didier M <[didier.contis@gatech.edu](mailto:didier.contis@gatech.edu)>  
**Subject:** Follow up questions regarding server search

Good evening, gentlemen. If possible, can we talk for 30 minutes or so tomorrow or Friday? The attorney representing GT (copied on this email) has some additional questions about both the likely quantity of information on the server we discussed earlier this week, our (in)ability to search it, and possibly a few other questions. We are not asking you to perform any new searches; we just want to be able to accurately describe the situation.

It would be great if you can make time for this in the next day or so.

Didier, I am not sure you have to attend, but you are welcome to do so and may add a valuable perspective.

Kate Wasch  
Chief Counsel  
Employment & Litigation  
Office of Legal Affairs  
Georgia Institute of Technology  
Office (404) 894-4812  
Cell [REDACTED]

Most communications to or from Georgia Tech employees are a public record and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response may be subject to public disclosure.

---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Sent:** Thursday, July 29, 2021 10:13 AM  
**To:** Lewis, Nate H  
**Cc:** Contis, Didier M; Craig, Christopher A; Elizabeth Young  
**Subject:** Re: Follow up questions regarding server search

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Sure. That's William Garrison?

Kate Wasch  
Chief Counsel, Employment & Litigation

On Jul 29, 2021, at 8:50 AM, Lewis, Nate H <nlewis6@gatech.edu> wrote:

I'm happy to meet and discuss, but I definitely think we need to engage the lab support team. They may be able to attest to what would be in scope and directly provide the relevant files/data.

-Nate

---

**From:** "Contis, Didier M" <didier.contis@gatech.edu>  
**Date:** Wednesday, July 28, 2021 at 7:41 PM  
**To:** "Wasch, Kate" <kate.wasch@legal.gatech.edu>, "Lewis, Nate H" <nate.lewis@security.gatech.edu>, "Craig, Christopher A" <christopher.craig@security.gatech.edu>  
**Cc:** Elizabeth Young <EYoung@LAW.GA.GOV>  
**Subject:** RE: Follow up questions regarding server search

Thanks Kate. List me as optional in the invite and I will try to attend.

Quick question for Nate: following the last discussion, were you put in touch with the local IT team by Christian?

Best regards,

Didier.

---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Sent:** Wednesday, July 28, 2021 6:49 PM  
**To:** Lewis, Nate H <nate.lewis@security.gatech.edu>; Craig, Christopher A <christopher.craig@security.gatech.edu>  
**Cc:** Elizabeth Young <EYoung@LAW.GA.GOV>; Contis, Didier M <didier.contis@gatech.edu>  
**Subject:** Follow up questions regarding server search

Good evening, gentlemen. If possible, can we talk for 30 minutes or so tomorrow or Friday? The attorney representing GT (copied on this email) has some additional questions about both the likely quantity of information on the server we discussed earlier this week, our (in)ability to search it, and possibly a few other questions. We are not asking you to perform any new searches; we just want to be able to accurately describe the situation.

It would be great if you can make time for this in the next day or so.

Didier, I am not sure you have to attend, but you are welcome to do so and may add a valuable perspective.

Kate Wasch  
Chief Counsel  
Employment & Litigation  
Office of Legal Affairs  
Georgia Institute of Technology  
Office (404) 894-4812  
Cell [REDACTED]

Most communications to or from Georgia Tech employees are a public record and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response may be subject to public disclosure.



---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Sent:** Thursday, July 29, 2021 10:35 AM  
**To:** Garrison, William R; Lewis, Nate H; Contis, Didier M; Craig, Christopher A; Driskell, Griffin  
**Cc:** Elizabeth Young; Neal, Alexander G  
**Subject:** RE: Follow up questions regarding server search

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

We have received a subpoena from the Department of Justice and are trying to figure out how to respond. We have not, to my knowledge, actually searched any servers in the lab.

---

**From:** Garrison, William R <wgarrison7@gatech.edu>  
**Sent:** Thursday, July 29, 2021 10:32 AM  
**To:** Wasch, Kate <kate.wasch@legal.gatech.edu>; Lewis, Nate H <nate.lewis@security.gatech.edu>; Contis, Didier M <didier.contis@gatech.edu>; Craig, Christopher A <christopher.craig@security.gatech.edu>; Driskell, Griffin <cdriskell7@gatech.edu>  
**Cc:** Elizabeth Young <EYoung@LAW.GA.GOV>; Neal, Alexander G <agneal7@gatech.edu>  
**Subject:** Re: Follow up questions regarding server search

Hello!

What is this regarding? This is the first I'm hearing about any server search.

Also, I'm adding Alexander Neal, another member of our Operations team for the lab/center.

Thanks,

William Garrison | IT Support Pro Sr.  
Astrolavos Lab (ECE) | KACB 3361  
678-522-3808 | [wgarrison7@gatech.edu](mailto:wgarrison7@gatech.edu)

---

**From:** Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>  
**Date:** Thursday, July 29, 2021 at 10:28 AM  
**To:** Lewis, Nate H <[nate.lewis@security.gatech.edu](mailto:nate.lewis@security.gatech.edu)>, Contis, Didier M <[didier.contis@gatech.edu](mailto:didier.contis@gatech.edu)>, Craig, Christopher A <[christopher.craig@security.gatech.edu](mailto:christopher.craig@security.gatech.edu)>, Driskell, Griffin <[cdriskell7@gatech.edu](mailto:cdriskell7@gatech.edu)>, Garrison, William R <[wgarrison7@gatech.edu](mailto:wgarrison7@gatech.edu)>  
**Cc:** Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>  
**Subject:** RE: Follow up questions regarding server search

Thanks, Nate. I am adding them here.

---

**From:** Lewis, Nate H <[nlewis6@gatech.edu](mailto:nlewis6@gatech.edu)>  
**Sent:** Thursday, July 29, 2021 8:50 AM  
**To:** Contis, Didier M <[didier.contis@gatech.edu](mailto:didier.contis@gatech.edu)>; Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Craig, Christopher A <[christopher.craig@security.gatech.edu](mailto:christopher.craig@security.gatech.edu)>

Cc: Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>

Subject: Re: Follow up questions regarding server search

I'm happy to meet and discuss, but I definitely think we need to engage the lab support team. They may be able to attest to what would be in scope and directly provide the relevant files/data.

-Nate

---

**From:** "Contis, Didier M" <[didier.contis@gatech.edu](mailto:didier.contis@gatech.edu)>

**Date:** Wednesday, July 28, 2021 at 7:41 PM

**To:** "Wasch, Kate" <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>, "Lewis, Nate H" <[nate.lewis@security.gatech.edu](mailto:nate.lewis@security.gatech.edu)>, "Craig, Christopher A" <[christopher.craig@security.gatech.edu](mailto:christopher.craig@security.gatech.edu)>

**Cc:** Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>

**Subject:** RE: Follow up questions regarding server search

Thanks Kate. List me as optional in the invite and I will try to attend.

Quick question for Nate: following the last discussion, were you put in touch with the local IT team by Christian?

Best regards,

Didier.

---

**From:** Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>

**Sent:** Wednesday, July 28, 2021 6:49 PM

**To:** Lewis, Nate H <[nate.lewis@security.gatech.edu](mailto:nate.lewis@security.gatech.edu)>; Craig, Christopher A <[christopher.craig@security.gatech.edu](mailto:christopher.craig@security.gatech.edu)>

**Cc:** Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>; Contis, Didier M <[didier.contis@gatech.edu](mailto:didier.contis@gatech.edu)>

**Subject:** Follow up questions regarding server search

Good evening, gentlemen. If possible, can we talk for 30 minutes or so tomorrow or Friday? The attorney representing GT (copied on this email) has some additional questions about both the likely quantity of information on the server we discussed earlier this week, our (in)ability to search it, and possibly a few other questions. We are not asking you to perform any new searches; we just want to be able to accurately describe the situation.

It would be great if you can make time for this in the next day or so.

Didier, I am not sure you have to attend, but you are welcome to do so and may add a valuable perspective.

Kate Wasch  
Chief Counsel  
Employment & Litigation  
Office of Legal Affairs  
Georgia Institute of Technology  
Office (404) 894-4812  
Cell [REDACTED]

Most communications to or from Georgia Tech employees are a public record and available to the public and the media upon request under Georgia's broad open records law. Therefore, this e-mail communication and any response may be subject to public disclosure.



---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Sent:** Thursday, July 29, 2021 11:55 AM  
**To:** Antonakakis, Manos; Fuller, Christian  
**Cc:** Elizabeth Young  
**Subject:** RE: My sysadmin called me

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

It's the same subpoena. We're just trying to get some information about the systems to use in our response.

---

**From:** Antonakakis, Manos <manos@gatech.edu>  
**Sent:** Thursday, July 29, 2021 11:21 AM  
**To:** Wasch, Kate <kate.wasch@legal.gatech.edu>; Fuller, Christian <christian.fuller@legal.gatech.edu>  
**Subject:** My sysadmin called me

Hey Kate,

I just received a call from my sysadmin about a subpoena request. Is this something new or it relates to the documents I sent to Christian and my lawyers a week or so ago?

Thanks, Manos

---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Friday, July 30, 2021 10:03 AM  
**To:** Andrew.DeFilippis@usdoj.gov; kate.wasch@legal.gatech.edu;  
westby@globalcyberlegal.com; rasch@globalcyberlegal.com  
**Cc:** John.Eckenrode@usdoj.gov; Anthony.Scarpelli@usdoj.gov; Michael.Keilty@usdoj.gov;  
Neeraj.Patel@usdoj.gov; Tim.Fuhrman@usdoj.gov; wbaldenberg@fbi.gov;  
ammaddock@fbi.gov  
**Subject:** RE: Rhannusia Logs

I reached out to Ms. Westby after our call yesterday and she confirmed that Mr. Dagon has copies of these chat logs and will be forwarding them to us so that we can review and produce them.

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
Sent: Friday, July 30, 2021 7:43 AM  
To: Elizabeth Young <EYoung@LAW.GA.GOV>; Kate Wasch <kate.wasch@legal.gatech.edu>; Jody R Westby <westby@globalcyberlegal.com>; Mark D. Rasch <rasch@globalcyberlegal.com>  
Cc: Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam M. (CyD) (FBI) <ammaddock@fbi.gov>  
Subject: Rhannusia Logs

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

All,

As we have discussed with each of you, Mr. Dagon has identified "Rhannusia" chat communications that we understand are responsive to our subpoena and relevant to our investigation. We would like to obtain these communications promptly and would also like to minimize the burdens on all involved.

Beth, can you please confirm in response to this email that Georgia Tech authorizes and requests that Mr. Dagon provide those logs to the government as an employee of Georgia Tech? If you would like us to issue a subpoena for them specifically and will accept service, we can do so today.

Jody/Mark, can you please let us know when Mr. Dagon can provide the logs to us or, alternatively, to Georgia Tech for production to us?

We are hopeful that we can find a solution to this issue in the near term and avoid unnecessary legal process or disruptions.

Thank you very much.

---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Thursday, July 29, 2021 12:27 PM  
**To:** angelos@gatech.edu  
**Cc:** kate.wasch@legal.gatech.edu  
**Subject:** RE: Request for assistance with subpoena issued to Georgia Tech

Very sorry to bother you on vacation; I'll try to keep it as brief as possible. I'll give you a call on that number at 4.



**Beth Young**  
Assistant Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Keromytis, Angelos D <angelos@gatech.edu>  
**Sent:** Thursday, July 29, 2021 12:06 PM  
**To:** Elizabeth Young <EYoung@LAW.GA.GOV>  
**Cc:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Subject:** Re: Request for assistance with subpoena issued to Georgia Tech

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Beth,  
I'm on vacation in Mexico (1 hour behind). I can do 4pm today your time. Call me at [REDACTED]  
Best,  
-Angelos

On Jul 29, 2021, at 09:49, Elizabeth Young <[EYoung@law.ga.gov](mailto:EYoung@law.ga.gov)> wrote:

Dr. Keromytis,

I am assisting Georgia Tech with responding to a subpoena issued to Georgia Tech by the Department of Justice. It has been suggested to us by David Dagon that you may know the location of some documents responsive to the subpoena and might be able to assist us with getting access to them.

Would you be available for a quick telephone call to discuss this today or tomorrow? If so, please let me know what time would be convenient and what phone number is best for me to reach you.

Thank you,  
Beth Young

<image001.jpg>

<image002.png> <image003.png>

**Beth Young**  
Assistant Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3425  
[eyoung@law.ga.gov](mailto:eyoung@law.ga.gov)  
Georgia Department of Law  
b40 Capitol Square SW  
Atlanta, Georgia 30334



---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Thursday, July 29, 2021 10:50 AM  
**To:** angelos@gatech.edu  
**Cc:** kate.wasch@legal.gatech.edu  
**Subject:** Request for assistance with subpoena issued to Georgia Tech

Dr. Keromytis,

I am assisting Georgia Tech with responding to a subpoena issued to Georgia Tech by the Department of Justice. It has been suggested to us by David Dagon that you may know the location of some documents responsive to the subpoena and might be able to assist us with getting access to them.

Would you be available for a quick telephone call to discuss this today or tomorrow? If so, please let me know what time would be convenient and what phone number is best for me to reach you.

Thank you,  
Beth Young



**Beth Young**  
Assistant Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
b40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Sent:** Thursday, July 29, 2021 11:12 AM  
**To:** Elizabeth Young; Schamel, Mark; AJara@lowenstein.com  
**Subject:** Subpoena response  
**Attachments:** attachment.ics

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

---

## Microsoft Teams meeting

### Join on your computer or mobile app

[Click here to join the meeting](#)

### Or call in (audio only)

+ [REDACTED] United States, Atlanta

Phone Conference ID: [REDACTED]

[Find a local number](#) | [Reset PIN](#)

[Learn More](#) | [Help](#) | [Meeting options](#)

---

---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Sent:** Thursday, July 29, 2021 11:05 AM  
**To:** Craig, Christopher A; Lewis,Nate H; Garrison, William R; Elizabeth Young; Neal,Alexander G  
**Subject:** Subpoena  
**Attachments:** attachment.ics

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

---

## Microsoft Teams meeting

### Join on your computer or mobile app

[Click here to join the meeting](#)

### Or call in (audio only)

+ [REDACTED] United States, Atlanta

Phone Conference ID: [REDACTED]

[Find a local number](#) | [Reset PIN](#)

[Learn More](#) | [Help](#) | [Meeting options](#)

---

---

**From:** Wasch, Kate <kate.wasch@legal.gatech.edu>  
**Sent:** Thursday, July 29, 2021 10:11 AM  
**To:** MSchamel@lowenstein.com; AJara@lowenstein.com  
**Cc:** Elizabeth Young  
**Subject:** Time for a quick call today?

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning, Mark and Ana. I am working with Christian Fuller on matters related to Manos's lab. Do you have any time today for a quick call with me and Beth?

Kate Wasch  
Chief Counsel, Employment & Litigation

---

**From:** Nie, Ling-Ling <linglingnie@gatech.edu>  
**Sent:** Monday, January 24, 2022 4:16 PM  
**To:** Russell D. Willard; Bryan Webb; Courtney Poole; Katherine Stoff; Elizabeth Young; Wright Banks  
**Cc:** Gosden, Kathleen T  
**Subject:** Departure and Interim Georgia Tech General Counsel

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Wright, Bryan, Russ, Beth, Courtney, and Katie:

I wanted to let you know that I will be leaving Georgia Tech next Friday, February 4 to join a start-up company. Kathleen Gosden will be the interim General Counsel after my departure until the position is filled. I have been working these past few weeks to ensure Kathleen is aware of all open matters with the AG's office, and I'm copying her here so you all are connected directly.

It's been a pleasure working with the AG's office and with each one of you. I have admired the dedication, expertise, and excellence that you all have brought to the table in handling the various matters we've interacted on. I have learned so much, and sincerely appreciate your warmth and professionalism during these past few years.

I will be staying in Atlanta and look forward to keeping in touch. My cell phone number is [REDACTED] and my e-mail is [REDACTED].

With kind regards,

**Ling-Ling Nie**  
General Counsel &  
Vice President for Ethics & Compliance



---

**From:** Elizabeth Young <eyoung@law.ga.gov>  
**Sent:** Tuesday, July 20, 2021 4:11 PM  
**To:** 'Lopes, Crane'; DeFilippis, Andrew (USANYS)  
**Cc:** 'Fuller, Christian'; Wasch, Kate; Ling-Ling Nie (linglingnie@gatech.edu); Keilty, Michael (USANYE); Patel, Neeraj (USACT); Scarpelli, Anthony (USADC); Eckenrode, John (JMD); Aldenberg, William B. (NH) (FBI); Maddock, Adam M. (CyD) (FBI); James, Ryan Joseph (INSD) (FBI); Bennett, Wes; Smith, Darin  
**Subject:** RE: DARPA

Mr. Lopes,

Thank you for confirming that Georgia Tech may produce documents responsive to the DOJ's subpoena without running afoul of any obligations it may have to DARPA/DOD to safeguard confidential or classified information. Georgia Tech therefore is authorizing the release of responsive materials that have been identified by the employees involved directly to the DOJ.

It is our understanding from conversations with the employees' counsel that the documents that are about to be produced do not contain any classified information. To the extent that the DOJ might seek production of additional documents from Georgia Tech in the future, we will take appropriate steps to determine whether any responsive documents are classified and, if so, will coordinate with Mr. Smith regarding production.

Mr. DeFilippis, if you require anything further from Georgia Tech in order to fulfill its obligations under the subpoena beyond the above statement affirming that Tech is authorizing release of the records that have been compiled by the employees, please let me know.

Sincerely,

Beth Young



**Beth Young**  
Assistant Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Lopes, Crane  
**Sent:** Tuesday, July 20, 2021 2:16 PM  
**To:** DeFilippis, Andrew (USANYS) ; Elizabeth Young  
**Cc:** 'Fuller, Christian' ; Wasch, Kate ; Ling-Ling Nie (linglingnie@gatech.edu) ; Keilty, Michael (USANYE) ; Patel, Neeraj (USACT) ; Scarpelli, Anthony (USADC) ; Eckenrode, John (JMD) ; Aldenberg, William B. (NH) (FBI) ; Maddock, Adam M. (CyD) (FBI) ; James, Ryan Joseph (INSD) (FBI) ; Bennett, Wes ; Smith, Darin  
**Subject:** RE: DARPA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ms. Young:

Thank you for your diligence in protecting DARPA-related records and other documents from unauthorized use or disclosure.

I have discussed this matter with Wes Bennett, the Director of the DARPA Contracts Management Office. Mr. Bennett is info-copied on this message. We request that you cooperate with the Department of Justice (DoJ) by immediately providing them with all DARPA-related unclassified documents and records in your possession and that are requested by their subpoena.

If DoJ has requested DARPA-related classified documents and records in your possession, release should be coordinated with Mr. Darin Smith, DARPA Security & Intelligence Directorate. Mr. Smith is info-copied on this message.

Please contact me if I can assist you.

Crane Lopes, Ph.D.  
General Counsel  
DARPA  
Off | 571.218.4887 📞  
Mob | 571.239.5084



Creating **BREAKTHROUGH TECHNOLOGIES**  
For National Security

---

**From:** DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>  
**Sent:** Tuesday, July 20, 2021 10:51 AM  
**To:** Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>  
**Cc:** 'Fuller, Christian' <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>; Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Ling-Ling Nie ([linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)) <[linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)>; Lopes, Crane <[Crane.Lopes@darpa.mil](mailto:Crane.Lopes@darpa.mil)>; Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Patel, Neeraj (USACT) <[Neeraj.Patel@usdoj.gov](mailto:Neeraj.Patel@usdoj.gov)>; Scarpelli, Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Eckenrode, John (JMD) <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI) <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Maddock, Adam M. (CyD) (FBI) <[ammaddock@fbi.gov](mailto:ammaddock@fbi.gov)>; James, Ryan Joseph (INSD) (FBI) <[rjames@fbi.gov](mailto:rjames@fbi.gov)>  
**Subject:** DARPA

Ms. Young,

Thank you very much for our call earlier today. On that call, you requested that we provide assurance that the Defense Advanced Research Projects Agency (DARPA) has no objection to Georgia Tech's providing documents and other records in response to our federal grand jury subpoena that relate to a contract between Georgia Tech and DARPA. I am copying Crane Lopes, General Counsel of DARPA. Mr. Lopes and DARPA have been fully cooperative with and supportive of our investigative efforts. On a phone call that occurred a few minutes ago, Mr. Lopes has assured me again that DARPA has

---

**From:** Nie, Ling-Ling <linglingnie@gatech.edu>  
**Sent:** Tuesday, January 25, 2022 4:48 PM  
**To:** Elizabeth Young  
**Subject:** Re: Departure and Interim Georgia Tech General Counsel

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks, Beth! I am excited about working at a start-up. Thanks for sharing your husband's experience. It will be my first time in that environment and I'm not really sure how it will turn out, but I'm curious to give it a shot and see! I look forward to keeping in touch!

Have a great rest of the week!

**Ling-Ling Nie**  
General Counsel &  
Vice President for Ethics & Compliance



---

**From:** Elizabeth Young <EYoung@LAW.GA.GOV>  
**Date:** Tuesday, January 25, 2022 at 1:14 PM  
**To:** Nie, Ling-Ling <linglingnie@gatech.edu>  
**Subject:** Re: Departure and Interim Georgia Tech General Counsel

Wow! Sorry to hear that you're going but am glad to hear it's for such an exciting opportunity. My husband is in tech and has often said over the years that getting in on the ground floor with a great start up is basically the dream scenario...hope that proves to be the case for you!

It's been a pleasure working with you and hope our paths will cross again someday.

Beth Young

---

**From:** Nie, Ling-Ling <linglingnie@gatech.edu>  
**Sent:** Monday, January 24, 2022 4:15:46 PM  
**To:** Russell D. Willard; Bryan Webb; Courtney Poole; Katie Stoff; Elizabeth Young; Wright Banks  
**Cc:** Gosden, Kathleen T  
**Subject:** Departure and Interim Georgia Tech General Counsel

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Wright, Bryan, Russ, Beth, Courtney, and Katie:



I wanted to let you know that I will be leaving Georgia Tech next Friday, February 4 to join a start-up company. Kathleen Gosden will be the interim General Counsel after my departure until the position is filled. I have been working these past few weeks to ensure Kathleen is aware of all open matters with the AG's office, and I'm copying her here so you all are connected directly.

It's been a pleasure working with the AG's office and with each one of you. I have admired the dedication, expertise, and excellence that you all have brought to the table in handling the various matters we've interacted on. I have learned so much, and sincerely appreciate your warmth and professionalism during these past few years.

I will be staying in Atlanta and look forward to keeping in touch. My cell phone number is [REDACTED] and my e-mail is [REDACTED].

With kind regards,

**Ling-Ling Nie**

General Counsel &

Vice President for Ethics & Compliance



---

**From:** Nie, Ling-Ling <linglingnie@gatech.edu>  
**Sent:** Monday, July 19, 2021 5:55 PM  
**To:** Elizabeth Young  
**Cc:** Fuller, Christian; Wasch, Kate  
**Subject:** Re: Georgia Tech Subpoena 7-19-2021

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thank you Beth! I won't be able to join this call but either Christian or Kate will. We look forward to working with you again!

---

**From:** DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
**Sent:** Monday, July 19, 2021 5:27:34 PM  
**To:** Elizabeth Young <EYoung@law.ga.gov>  
**Cc:** Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Nie, Ling-Ling <linglingnie@gatech.edu>  
**Subject:** Re: Georgia Tech Subpoena 7-19-2021

Yes 10:00 am tomorrow is perfect. Thank you. We can use the dial-in below.

Dial-in

Conference ID: [REDACTED]

On Jul 19, 2021, at 1:53 PM, Elizabeth Young <EYoung@law.ga.gov> wrote:

Mr. DeFilippis,

I have been engaged to represent Georgia Tech and the University System of Georgia in responding to your 7/19 subpoena. I've been forwarded a copy of the subpoena and your email sent this afternoon.

I look forward to discussing your suggestions for identifying responsive materials. Would tomorrow morning at 10 AM work for a call to discuss? If not, let me know what times would be better for you.

Thank you,  
Beth Young

<image001.jpg>

**Elizabeth (Beth) Young**  
Assistant Attorney General  
Office of the Attorney General Chris Carr

<image002.png> <image003.png>

**Government Services & Employment**

(404) 458-3425

[eyoung@law.ga.gov](mailto:eyoung@law.ga.gov)

Georgia Department of Law

40 Capitol Square SW

Atlanta, Georgia 30334

---

**From:** Elizabeth Young <eyoung@law.ga.gov>  
**Sent:** Wednesday, July 21, 2021 4:42 PM  
**To:** 'Jody R Westby'  
**Cc:** christian.fuller@legal.gatech.edu; Mark Rasch; Mark Rasch  
**Subject:** RE: DARPA  
**Attachments:** Georgia-Tech-Subpoena-July-14-2021 (002).pdf

Jody and Mark,

Attached please find a copy of the Special Counsel's most recent subpoena to Georgia Tech. Please note that the cover letter contains a strongly worded request not to disclose the subpoena (or Tech's compliance therewith), but I expressly confirmed with Special Counsel on our call today that this was not intended to prohibit Tech from sharing the subpoena with you and your client.

We have been given some instructions of where to begin looking for responsive documents and will begin by working with Dr. Antonakakis and other Tech employees to find responsive documents. I presume that as we go along we may end up needing your client's help finding the location of certain documents, and I'll reach out to you when/if that happens.

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Wednesday, July 21, 2021 10:39 AM  
To: Elizabeth Young <EYoung@LAW.GA.GOV>  
Cc: christian.fuller@legal.gatech.edu; Mark Rasch <rasch@globalcyberlegal.com>; Mark Rasch <[REDACTED]>  
Subject: Re: DARPA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Elizabeth,

Thank you for your note. Georgia Tech needs to work out its production with the Special Counsel and if they need assistance, let us know. We are happy to assist, if necessary. We are available for a call between noon and 2:30 p.m. (have hard stop at 2:30 or after 4:00 p.m.)

Thank you,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 21, 2021, at 8:00 AM, Elizabeth Young <EYoung@LAW.GA.GOV> wrote:

Ms. Wesby,

It seems I may have inadvertently created a misunderstanding in my correspondence with Special Counsel's office, especially by my references to "employees" that may have appeared to include your client. Georgia Tech had received a request to authorize the release of documents, and at the time I thought that request had come jointly from your client and Dr. Antonakasis. I'm now aware that this was incorrect and apologize for the confusion. I have only been involved in this matter for a few days and while I'm doing my best to get acclimated, there has been a lot to process in a very short time.

I did not mean to suggest that Georgia Tech was directing your client to produce anything directly to the Special Counsel's office or to take on any obligations that rightfully belong to Georgia Tech. And it is certainly not Georgia Tech's intent to place your client in an untenable position. To the extent that my imprecise language may have suggested otherwise, please accept my apologies.

Would you be available for a quick call sometime today so that I can get better acquainted and discuss how to manage any issues that might need your client's logistical assistance in terms of things such as locating where responsive documents/files might be stored on Georgia Tech computers or servers? I'd be happy to give you a call at your convenience.

Best regards,  
Beth Young

<image001.jpg>

<image002.png>

<image003.png>

Elizabeth (Beth) Young

Assistant Attorney General

Office of the Attorney General Chris Carr Government Services & Employment

(404) 458-3425

eyoung@law.ga.gov

Georgia Department of Law

40 Capitol Square SW

Atlanta, Georgia 30334

From: Jody R Westby <westby@globalcyberlegal.com>

Sent: Tuesday, July 20, 2021 7:01 PM

To: christian.fuller@legal.gatech.edu

Cc: Elizabeth Young <EYoung@LAW.GA.GOV>

Subject: Fwd: DARPA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Christian,

My apologies, my email auto-filled the name on the note below to a friend who works at Aon. I have contacted him and asked him to ignore and delete the note and confirm. Please see note below that was meant for you.

Kind regards,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

Begin forwarded message:

From: Jody R Westby <westby@globalcyberlegal.com>

Subject: DARPA

Date: July 20, 2021 at 6:22:14 PM EDT

To: Christian Hoffman <christian.hoffman@aon.com>

Cc: eyoung@law.ga.gov, Mark Rasch <rasch@globalcyberlegal.com>, Mark Rasch <[REDACTED]>

Dear Christian,

Thank you for your call today and forwarding the communications below. Please be advised that, despite your authorization, Mr. Dagon will not provide to the Special Counsel or "release any unclassified, DARPA-related records that are considered Georgia Tech's property, pursuant to the DOJ investigative subpoena." Global Cyber Legal and Mr. Dagon will not be responsible for Georgia Tech's response to these criminal grand jury subpoenas; Georgia Tech is solely responsible for responding to these subpoenas.

We have never seen the first subpoena Georgia Tech produced or your production; nor have we seen this second subpoena. Although Georgia Tech agreed to an informal joint defense agreement, after we produced our subpoena and relevant documents, Georgia Tech pulled back from that and refused to share any information, including providing a copy of the relevant DARPA contract (Kate provided the wrong one earlier but refused to provide the Enhanced Attribution contract). We are also not privy to your discussions with the Special Counsel office. I am sure you can understand that this puts us in an untenable position. If you need any assistance from Mr. Dagon, please let us know.

Kind regards,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

----- Forwarded message -----

From: Fuller, Christian <christian.fuller@legal.gatech.edu>

Date: Tue, Jul 20, 2021 at 3:18 PM

Subject: RE: DARPA

To: [REDACTED] >

Cc: Elizabeth Young <EYoung@law.ga.gov>

Jody—

DARPA's general counsel forwarded this response to Georgia Tech (see below). Based on the response, Georgia Tech can give authorization for David to release any unclassified, DARPA-related records that are considered Georgia Tech's property, pursuant to the DOJ investigative subpoena. My understanding is that David does not have any classified documents; however, if there are any classified documents, follow up with Mr. Darin Smith (as instructed below) before any exchange with DOJ.

If there are any questions or concerns, please feel free to reach out.

Thanks,

Christian Fuller  
Senior Counsel, Employment & Litigation  
Georgia Institute of Technology  
Phone: 404-403-8204  
christian.fuller@legal.gatech.edu

From: Lopes, Crane <Crane.Lopes@darpa.mil>

Sent: Tuesday, July 20, 2021 2:16 PM

To: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>; Elizabeth Young <EYoung@LAW.GA.GOV>

Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Nie, Ling-Ling <linglingnie@gatech.edu>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam M. (CyD) (FBI) <ammaddock@fbi.gov>; James, Ryan Joseph (INSD) (FBI) <rjjames@fbi.gov>; Bennett, Wes <wes.bennett@darpa.mil>; Smith, Darin <Darin.Smith@darpa.mil>  
Subject: RE: DARPA

Ms. Young:

Thank you for your diligence in protecting DARPA-related records and other documents from unauthorized use or disclosure.

I have discussed this matter with Wes Bennett, the Director of the DARPA Contracts Management Office. Mr. Bennett is info-copied on this message. We request that you cooperate with the Department of Justice (DoJ) by immediately providing them with all DARPA-related unclassified documents and records in your possession and that are requested by their subpoena.

If DoJ has requested DARPA-related classified documents and records in your possession, release should be coordinated with Mr. Darin Smith, DARPA Security & Intelligence Directorate. Mr. Smith is info-copied on this message.

Please contact me if I can assist you.

Crane Lopes, Ph.D.  
General Counsel  
DARPA

Off | 571.218.4887 📞  
Mob | 571.239.5084

<image004.jpg>Creating BREAKTHROUGH TECHNOLOGIES For National Security

From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>

Sent: Tuesday, July 20, 2021 10:51 AM

To: Elizabeth Young <EYoung@LAW.GA.GOV>

Cc: 'Fuller, Christian' <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Ling-Ling Nie (linglingnie@gatech.edu) <linglingnie@gatech.edu>; Lopes, Crane <Crane.Lopes@darpa.mil>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam M. (CyD) (FBI) <ammaddock@fbi.gov>; James, Ryan Joseph (INSD) (FBI) <rjjames@fbi.gov>

Subject: DARPA

Ms. Young,

Thank you very much for our call earlier today. On that call, you requested that we provide assurance that the Defense Advanced Research Projects Agency (DARPA) has no objection to Georgia Tech's providing documents and other records in response to our federal grand jury subpoena that relate to a contract between Georgia Tech and DARPA. I am copying Crane Lopes, General Counsel of DARPA. Mr. Lopes and DARPA have been fully cooperative with and supportive of our investigative efforts. On a phone call that occurred a few minutes ago, Mr. Lopes has assured me again that DARPA has no objections to Georgia Tech's provision of any records or information (both classified and unclassified) to our team and to the grand jury.

As noted, federal law requires you to provide such records regardless of any potentially applicable contractual restrictions.

Please let me know if you have any questions. We would appreciate if you could also please confirm that you consent to the two Georgia Tech employees we discussed providing responsive records that they have identified. Thank you.

Andrew J. DeFilippis  
Assistant Special Counsel  
U.S. Department of Justice  
(646) 530-0087  
<image005.jpg>





United States Department of Justice

*Special Counsel*

---

*145 N Street Northeast  
Room 3E.803  
Washington, D.C. 20530*

July 14, 2021

Via Email

Georgia Institute of Technology  
Georgia Tech Research Institute/Georgia Tech Research Corporations  
C/O  
Christian Fuller, Esq.

Re: Grand Jury Subpoena  
USAO # 2020R01428

To Whom It May Concern:

Pursuant to a criminal investigation being conducted by the U.S. Department of Justice, it is required that you furnish the requested records as described in the attached subpoena.

You may comply with this grand jury subpoena by providing the requested records on or before the date indicated in the subpoena. If you choose to provide the requested records voluntarily, please provide them in a non-proprietary electronic format via FedEx, UPS or DHL. Also enclosed please find a blank "Declaration of Custodian of Records" form. It may save time and costs if an appropriate person at your business could complete the form and return it with the records. A properly completed "Declaration of Custodian of Records" form will make it more likely that we could present the records at trial without requiring you or another employee to come to court and testify. If you would like to appear in lieu of solely providing the records, please contact the undersigned Assistant Special Counsel.

Although you are not required to do so, **you are requested not to disclose the existence of this subpoena or the fact of your compliance. Any such disclosure could impede the investigation being conducted and thereby interfere with the enforcement of the law.**



**UNITED STATES DISTRICT COURT**  
for the  
**District of Columbia**

**SUBPOENA TO TESTIFY BEFORE A GRAND JURY**

To: Georgia Institute of Technology/Georgia Tech Research Institute/Georgia Tech Research Corporations  
C/O Christian Fuller, Esq.

**YOU ARE COMMANDED** to appear in this United States district court at the time, date, and place shown below to testify before the court's grand jury. When you arrive, you must remain at the court until the judge or a court officer allows you to leave.

Place: U.S. DISTRICT COURT FOR THE DISTRICT OF COLUMBIA U.S. Courthouse, 3 <sup>rd</sup> Floor Grand Jury #21-02 333 Constitution Avenue, N.W. Washington, D.C. 20001	Date and Time: July 22, 2021 at 9:00 AM
--	--

You must also bring with you the following documents, electronically stored information, or objects:

PLEASE SEE ATTACHMENT

You may provide the results directly to the Special Counsel's Office. If you choose to do so, we request that you send the returns to **Jack Eckenrode**, [john.eckenrode@usdoj.gov](mailto:john.eckenrode@usdoj.gov), U.S. Department of Justice, 145 N Street, NE, Room 3E.803, Washington, DC 20530, by July 29, 2021. If, however, you wish to personally appear before the Grand Jury to provide the records, please contact the undersigned Assistant Special Counsel

Date: July 14, 2021

CLERK OF COURT

  
Signature of Clerk or Deputy Clerk

The name, address, telephone number and email of the Assistant Special Counsel, who requests this subpoena, are:

Andrew J. DeFilippis  
Assistant Special Counsel  
U.S. Department of Justice  
145 N Street, NE  
Room 3E.803  
Washington, DC 20530  
Email: [andrew.defilippis@usdoj.gov](mailto:andrew.defilippis@usdoj.gov); Phone: (646) 530-0087

USAO #2020R01428

**BILL TO:** UNITED STATES ATTORNEY'S OFFICE - DISTRICT OF COLUMBIA  
 FINANCE SECTION, 555 4TH ST., N.W., WASHINGTON, D.C. 20530  
 202-252-1700

DCN (FINANCE use only) If blank please call 202-252-1700	C1
	LP

**ADVICE OF OBLIGATION / RECEIVING REPORT**

1. ASSISTANT SPECIAL COUNSEL <b>Andrew J. DeFilippis</b>	2. SUPPORT PERSON	3. REQUESTING DIV <b>CRIMINAL DIVISION</b>	4. TELEPHONE CONTACT <b>646-530-0087</b>	5. USAO NUMBER <b>2020R01428</b>	6. GJ DATE
7. CASE NAME	8. CASE NUMBER	9. ACCOUNT TYPE DIR <input type="radio"/> OCOETF <input type="radio"/> HCF <input type="radio"/> AF <input type="radio"/> ACE <input type="radio"/>			10. GJ NUMBER
11. ESTIMATED DELIVERY DATE <b>July 22, 2021</b>	12. EST. COST (If Over \$3,000, MUST be submitted in PROCUREMENT SECT.) <b>\$75.00</b>	13. VENDOR NAME <b>Georgia Institute of Technology/Georgia Tech Research Institute/Georgia Tech Research Corporations</b>		14. VENDOR TAX I.D.	

15. TYPE OF OBLIGATION

<input type="radio"/> TRANSCRIPT (Grand Jury) (2509)	<input type="radio"/> CONSULTANT (25LC)
<input type="radio"/> TRANSCRIPT (Court) (2510)	<input checked="" type="radio"/> LEGAL RESEARCH (2534)
<input type="radio"/> TRANSCRIPT (Deposition) (2508)	<input type="radio"/> LITIGATION GRAPHICS (2557)
<input type="radio"/> FILING (Copy Abstract of Title, Filing Document Required) (2501)	<input type="radio"/> OTHER (Specify below) (2598)
<input type="radio"/> STENOGRAPHY & INTERPRETER SERVICES (2502)	<input type="radio"/> CERTIFIED CONVICTION (2504)

16. TYPE OF TRANSCRIPT REQUESTED <input type="radio"/> REGULAR <input type="radio"/> INTERMEDIATE <input type="radio"/> DAILY (Approval Required)	<input type="radio"/> SPECIAL (Hourly - Approval Required) <input type="radio"/> EXPEDITE (Approval Required) <input type="radio"/> EXPRESS (Approval Required) (3 Days)	17. TRANSCRIPT TYPE <input type="radio"/> COPY <input type="radio"/> ORIGINAL <input type="radio"/> TAPE	18. TRANSCRIPT FORMAT <input type="radio"/> FULL PAGE <input type="radio"/> CONDENSED <input type="radio"/> ELECTRONIC
--	--	---	---

19. REQUESTED ITEM

20. SIGNATURE OF REQUESTOR	21. DATE	22. APPROVED BY (Must have OBD-234 on File)	23. DATE
Typed/Printed Name of Requestor		Typed/Printed Name of Approving Official	
24. FUNDS CERTIFICATION	25. DATE		

26. INVOICE

Number And Date Of Order	Date of Delivery or Service	Articles or Service(s)	Quantity	Unit Price		Amount
				Cost	Per	

Payee Signature: \_\_\_\_\_ Date: \_\_\_\_\_ \*No payments should be made unless expenses are itemized.

27. CERTIFICATION  
 I certify that these goods and/or services were received on \_\_\_\_\_ (date) and accepted on \_\_\_\_\_ (date). Oral purchase was authorized and no confirming order has been issued."

\_\_\_\_\_ SIGNATURE \_\_\_\_\_ DATE

Printed or Typed Name and Title: \_\_\_\_\_

# DECLARATION OF CUSTODIAN OF RECORDS

Pursuant to 28 U.S.C. §1746, I, the undersigned, hereby declare:

My name is \_\_\_\_\_.  
*(name of declarant)*

I am a United States citizen and I am over eighteen years of age. I am the custodian of records of the business named below, or I am otherwise qualified as a result of my position with the business named below to make this declaration. I have knowledge of the record keeping system used by this business; this includes how records are created and maintained.

I am in receipt of a United States District Court Subpoena dated July 14, 2021, signed by Assistant Special Counsel Andrew J. DeFilippis, requesting specified records of the business named below.

Attached hereto are \_\_\_\_\_ pages of records regarding \_\_\_\_\_  
*(Brief description of type of documents being subpoenaed)* responsive to the subpoena. I understand how these responsive documents were created. Pursuant to Rules 902(11) and 803(6) of the Federal Rules of Evidence, I hereby certify that the records attached hereto:

- (1) were made at or near the time of the occurrence of the matters set forth in the records, by, or from information transmitted by, a person with knowledge of those matters;
- (2) were kept in the course of regularly conducted business activity, in that the records were created and preserved pursuant to established procedures, and were relied upon by an employee or this business; and
- (3) were made as part of the regularly conducted business activity as a regular practice, in that the records were created and preserved as part of routine reflections of the normal operations of this business.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on \_\_\_\_\_.  
*(date)*

\_\_\_\_\_  
*(signature of declarant)*

\_\_\_\_\_  
*(name and title of declarant)*

\_\_\_\_\_  
*(name of business)*

\_\_\_\_\_  
*(business address)*

\_\_\_\_\_  
*(business address)*

Definitions of terms used above:

As defined in Fed.R.Evid. 803(6), "record" includes a memorandum, report, record, or data compilation, in any form, of acts, events, conditions, opinions, or diagnoses. The term "business" as used in Fed.R.Evid. 803(6) and the above declaration includes business, institution, association, profession, occupation, and calling of every kind, whether or not conducted for profit.

## ATTACHMENT

(Grand Jury Subpoena to Georgia Institute of Technology/Georgia Tech Research Institute/Georgia Tech Research Corporations dated July 14, 2021)

(A) For the period from January 1, 2016 to the present, provide all documents, records, communications, and information that (i) are maintained on or within any Georgia Institute of Technology/Georgia Research Institute/Georgia Tech Research Corporation systems, facilities, or properties, (ii) are accessible by or within the possession, custody, control, of David Dagon AND (iii) concern, involve, relate to, or reflect:

(1) allegations (including supporting data) of a purported secret communications channel between the Trump Organization, Spectrum Health, and the Russian Bank Alfa Bank;

(2) allegations (including supporting data) of the purported presence or use of Russian-made Yotaphones by or in the vicinity of Donald Trump or individuals affiliated with Donald Trump;

(B) For the period January 1, 2016 to the present, all documents, records, and information reflecting to work, communications, or activities (including work, communications, or activities conducted under or pursuant to contracts with the Defense Advanced Research Projects Agency, *i.e.*, DARPA) conducted at or by the Georgia Institute of Technology, Georgia Tech Research Institute, and/or Georgia Tech Research Corporations relating to or involving the subject matters set forth in Items (A)(1) and (A)(2) above. (NOTE: The deadline for production of records pursuant to Item (B) only is August 2, 2021)

**\*\*For any privileged records/communications falling within the subject matters set forth in this subpoena, please provide a privilege log by the return date. The privilege log should contain, for each record or communication, the date, time, sender(s), recipient(s), and copied parties of the record/communication; a description of the general subject matter(s) of the record/communication; and the particular privilege being invoked.\*\***

**You are requested not to disclose the existence of this subpoena or the fact of your compliance with it to anyone.** Any such disclosure on your part could impede the investigation being conducted and thereby interfere with the enforcement of the law. **If you do intend to disclose to anyone of the existence of this subpoena or your compliance, please notify the government in the first instance.**

## **INSTRUCTIONS FOR PRODUCTION OF RECORDS**

### **I. General:**

- a. Records existing as **Electronically Stored Information (ESI)** shall be produced in **non-proprietary electronic form** and shall include text data and image data held:
  - i. In your record retention systems; and/or
  - ii. By your technology, data, or other service provider(s).

- b. Records that do not exist as ESI may be produced in paper or other original format and may be converted to image or text data and provided as ESI, unless originals are required.

**II. Text Data**

- a. Text data relating to transactions shall be produced within a data file:
  - i. Using a delimited ASCII text data format; or
  - ii. Using software that can export to a commonly readable, non-proprietary file format without loss of data.
- b. Text data files relating to transactions shall include field descriptions (e.g., account number, date/time, description, payee/payor, check number, item identifier, and amount).

**III. Image Data**

- a. Image data shall be produced in graphic data files in a commonly readable, non-proprietary format with the highest image quality maintained.
- b. Image data of items associated with transactions (e.g., checks and deposit slips) shall be:
  - i. Produced in individual graphic data files with any associated endorsements; and
  - ii. Linked to corresponding text data by a unique identifier.

**IV. Encryption/Authentication**

- a. ESI may be transmitted in an encrypted container (*e.g. flash drive, CD/DVD*). Decryption keys and/or passwords shall be produced separately at the time the data are produced. *Please do not encrypt individual file contents if the container is encrypted.*
- b. Authentication, such as hash coding, may be set by agreement.
- c. Affidavits or certificates of authenticity may be included as part of the electronic production.

---

**From:** Mark Rasch <[REDACTED]>  
**Sent:** Wednesday, July 21, 2021 6:23 PM  
**To:** Elizabeth Young  
**Cc:** Jody R Westby; christian.fuller@legal.gatech.edu; Mark Rasch  
**Subject:** Re: DARPA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Beth

Just so you understand, the cover letter ALWAYS contains strongly worded warnings not to disclose the contents of a subpoena. That's because Rule 6(e) F. R. Crim. P. expressly says that "no obligation of secrecy may be imposed on a [grand jury] witness". It's common to make the request, but the law says the opposite. Just FYI.

Mark Rasch

From my cell

> On Jul 21, 2021, at 4:41 PM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>

> Jody and Mark,

>

> Attached please find a copy of the Special Counsel's most recent subpoena to Georgia Tech. Please note that the cover letter contains a strongly worded request not to disclose the subpoena (or Tech's compliance therewith), but I expressly confirmed with Special Counsel on our call today that this was not intended to prohibit Tech from sharing the subpoena with you and your client.

>

> We have been given some instructions of where to begin looking for responsive documents and will begin by working with Dr. Antonakakis and other Tech employees to find responsive documents. I presume that as we go along we may end up needing your client's help finding the location of certain documents, and I'll reach out to you when/if that happens.

>

>

> Beth Young

> Assistant Attorney General

> Office of the Attorney General Chris Carr Government Services &

> Employment

> (404) 458-3425

> eyoung@law.ga.gov

> Georgia Department of Law

> 40 Capitol Square SW

> Atlanta, Georgia 30334

>

>

>



>  
> -----Original Message-----  
> From: Jody R Westby <westby@globalcyberlegal.com>  
> Sent: Wednesday, July 21, 2021 10:39 AM  
> To: Elizabeth Young <EYoung@LAW.GA.GOV>  
> Cc: christian.fuller@legal.gatech.edu; Mark Rasch  
> <rasch@globalcyberlegal.com>; Mark Rasch <[REDACTED]>  
> Subject: Re: DARPA  
>  
> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.  
>  
>  
> Dear Elizabeth,  
> Thank you for your note. Georgia Tech needs to work out its production with the Special Counsel and if they need assistance, let us know. We are happy to assist, if necessary. We are available for a call between noon and 2:30 p.m. (have hard stop at 2:30 or after 4:00 p.m.)  
> Thank you,  
> Jody  
>  
> Jody R Westby, Esq.  
> Managing Principal  
> Global Cyber Legal LLC  
> +1.202.255.2700  
> westby@globalcyberlegal.com  
> www.globalcyberlegal.com  
>  
>  
>  
> On Jul 21, 2021, at 8:00 AM, Elizabeth Young <EYoung@LAW.GA.GOV> wrote:  
>  
> Ms. Wesby,  
>  
> It seems I may have inadvertently created a misunderstanding in my correspondence with Special Counsel's office, especially by my references to "employees" that may have appeared to include your client. Georgia Tech had received a request to authorize the release of documents, and at the time I thought that request had come jointly from your client and Dr. Antonakasis. I'm now aware that this was incorrect and apologize for the confusion. I have only been involved in this matter for a few days and while I'm doing my best to get acclimated, there has been a lot to process in a very short time.  
>  
> I did not mean to suggest that Georgia Tech was directing your client to produce anything directly to the Special Counsel's office or to take on any obligations that rightfully belong to Georgia Tech. And it is certainly not Georgia Tech's intent to place your client in an untenable position. To the extent that my imprecise language may have suggested otherwise, please accept my apologies.  
>  
> Would you be available for a quick call sometime today so that I can get better acquainted and discuss how to manage any issues that might need your client's logistical assistance in terms of things such as locating where responsive documents/files might be stored on Georgia Tech computers or servers? I'd be happy to give you a call at your convenience.  
>  
> Best regards,  
> Beth Young

>  
> <image001.jpg>  
> <image002.png>  
> <image003.png>  
> Elizabeth (Beth) Young  
> Assistant Attorney General  
> Office of the Attorney General Chris Carr Government Services &  
> Employment  
> (404) 458-3425  
> eyoung@law.ga.gov  
> Georgia Department of Law  
> 40 Capitol Square SW  
> Atlanta, Georgia 30334

>  
>  
>  
> From: Jody R Westby <westby@globalcyberlegal.com>  
> Sent: Tuesday, July 20, 2021 7:01 PM  
> To: christian.fuller@legal.gatech.edu  
> Cc: Elizabeth Young <EYoung@LAW.GA.GOV>  
> Subject: Fwd: DARPA

>  
> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>  
> Christian,  
> My apologies, my email auto-filled the name on the note below to a friend who works at Aon. I have contacted him and asked him to ignore and delete the note and confirm. Please see note below that was meant for you.  
> Kind regards,  
> Jody

>  
> Jody R Westby, Esq.  
> Managing Principal  
> Global Cyber Legal LLC  
> +1.202.255.2700  
> westby@globalcyberlegal.com  
> www.globalcyberlegal.com

>  
> Begin forwarded message:

>  
> From: Jody R Westby <westby@globalcyberlegal.com>  
> Subject: DARPA  
> Date: July 20, 2021 at 6:22:14 PM EDT  
> To: Christian Hoffman <christian.hoffman@aon.com>  
> Cc: eyoung@law.ga.gov, Mark Rasch <rasch@globalcyberlegal.com>, Mark  
> Rasch <[REDACTED]>

>  
> Dear Christian,  
> Thank you for your call today and forwarding the communications below. Please be advised that, despite your authorization, Mr. Dagon will not provide to the Special Counsel or "release any unclassified, DARPA-related records that are considered Georgia Tech's property, pursuant to the DOJ investigative subpoena." Global Cyber Legal and Mr.

Dagon will not be responsible for Georgia Tech's response to these criminal grand jury subpoenas; Georgia Tech is solely responsible for responding to these subpoenas.

>  
> We have never seen the first subpoena Georgia Tech produced or your production; nor have we seen this second subpoena. Although Georgia Tech agreed to an informal joint defense agreement, after we produced our subpoena and relevant documents, Georgia Tech pulled back from that and refused to share any information, including providing a copy of the relevant DARPA contract (Kate provided the wrong one earlier but refused to provide the Enhanced Attribution contract). We are also not privy to your discussions with the Special Counsel office. I am sure you can understand that this puts us in an untenable position. If you need any assistance from Mr. Dagon, please let us know.

> Kind regards,

> Jody

>  
> Jody R Westby, Esq.  
> Managing Principal  
> Global Cyber Legal LLC  
> +1.202.255.2700  
> westby@globalcyberlegal.com  
> www.globalcyberlegal.com

>  
>  
>  
> ----- Forwarded message -----

> From: Fuller, Christian <christian.fuller@legal.gatech.edu>  
> Date: Tue, Jul 20, 2021 at 3:18 PM  
> Subject: RE: DARPA  
> To: [REDACTED]  
> Cc: Elizabeth Young <EYoung@law.ga.gov>

>  
>  
> Jody—

>  
> DARPA's general counsel forwarded this response to Georgia Tech (see below). Based on the response, Georgia Tech can give authorization for David to release any unclassified, DARPA-related records that are considered Georgia Tech's property, pursuant to the DOJ investigative subpoena. My understanding is that David does not have any classified documents; however, if there are any classified documents, follow up with Mr. Darin Smith (as instructed below) before any exchange with DOJ.

>  
> If there are any questions or concerns, please feel free to reach out.

>  
> Thanks,

>  
>  
> Christian Fuller  
> Senior Counsel, Employment & Litigation Georgia Institute of  
> Technology  
> Phone: 404-403-8204  
> christian.fuller@legal.gatech.edu

>  
>  
> From: Lopes, Crane <Crane.Lopes@darpa.mil>  
> Sent: Tuesday, July 20, 2021 2:16 PM  
> To: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>;

> Elizabeth Young <EYoung@LAW.GA.GOV>  
> Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate  
> <kate.wasch@legal.gatech.edu>; Nie, Ling-Ling  
> <linglingnie@gatech.edu>; Keilty, Michael (USANYE)  
> <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT)  
> <Neeraj.Patel@usdoj.gov>; Scarpelli, Anthony (USADC)  
> <Anthony.Scarpelli@usdoj.gov>; Eckenrode, John (JMD)  
> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
> <wbaldenberg@fbi.gov>; Maddock, Adam M. (CyD) (FBI)  
> <ammaddock@fbi.gov>; James, Ryan Joseph (INSD) (FBI)  
> <rjames@fbi.gov>; Bennett, Wes <wes.bennett@darpa.mil>; Smith, Darin  
> <Darin.Smith@darpa.mil>  
> Subject: RE: DARPA  
>  
> Ms. Young:  
>  
> Thank you for your diligence in protecting DARPA-related records and other documents from unauthorized use or disclosure.  
>  
> I have discussed this matter with Wes Bennett, the Director of the DARPA Contracts Management Office. Mr. Bennett is info-copied on this message. We request that you cooperate with the Department of Justice (DoJ) by immediately providing them with all DARPA-related unclassified documents and records in your possession and that are requested by their subpoena.  
>  
> If DoJ has requested DARPA-related classified documents and records in your possession, release should be coordinated with Mr. Darin Smith, DARPA Security & Intelligence Directorate. Mr. Smith is info-copied on this message.  
>  
> Please contact me if I can assist you.  
>  
> Crane Lopes, Ph.D.  
> General Counsel  
> DARPA  
> Off | 571.218.4887 📞  
> Mob | 571.239.5084  
>  
> <image004.jpg>Creating BREAKTHROUGH TECHNOLOGIES For National Security  
>  
>  
>  
>  
>  
>  
>  
> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
> Sent: Tuesday, July 20, 2021 10:51 AM  
> To: Elizabeth Young <EYoung@LAW.GA.GOV>  
> Cc: 'Fuller, Christian' <christian.fuller@legal.gatech.edu>; Wasch,  
> Kate <kate.wasch@legal.gatech.edu>; Ling-Ling Nie  
> (linglingnie@gatech.edu) <linglingnie@gatech.edu>; Lopes, Crane  
> <Crane.Lopes@darpa.mil>; Keilty, Michael (USANYE)  
> <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT)  
> <Neeraj.Patel@usdoj.gov>; Scarpelli, Anthony (USADC)  
> <Anthony.Scarpelli@usdoj.gov>; Eckenrode, John (JMD)

> <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI)  
> <wbaldenberg@fbi.gov>; Maddock, Adam M. (CyD) (FBI)  
> <ammaddock@fbi.gov>; James, Ryan Joseph (INSD) (FBI) <rjjames@fbi.gov>  
> Subject: DARPA  
>  
> Ms. Young,  
>  
> Thank you very much for our call earlier today. On that call, you requested that we provide assurance that the Defense Advanced Research Projects Agency (DARPA) has no objection to Georgia Tech's providing documents and other records in response to our federal grand jury subpoena that relate to a contract between Georgia Tech and DARPA. I am copying Crane Lopes, General Counsel of DARPA. Mr. Lopes and DARPA have been fully cooperative with and supportive of our investigative efforts. On a phone call that occurred a few minutes ago, Mr. Lopes has assured me again that DARPA has no objections to Georgia Tech's provision of any records or information (both classified and unclassified) to our team and to the grand jury.  
>  
> As noted, federal law requires you to provide such records regardless of any potentially applicable contractual restrictions.  
>  
> Please let me know if you have any questions. We would appreciate if you could also please confirm that you consent to the two Georgia Tech employees we discussed providing responsive records that they have identified. Thank you.  
>  
> Andrew J. DeFilippis  
> Assistant Special Counsel  
> U.S. Department of Justice  
> (646) 530-0087  
> <image005.jpg>  
>  
> <Georgia-Tech-Subpoena-July-14-2021 (002).pdf>

## Jotonna Tulloch

---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Thursday, July 29, 2021 5:17 PM  
**To:** westby@globalcyberlegal.com  
**Cc:** [REDACTED] rasch@globalcyberlegal.com  
**Subject:** RE: List of documents relevant to subpoena

Hi Jody,

Just got off the phone with Andrew DeFilippis. He's very interested in the Rhamnousia chat logs. He said that you'd told him that David had copies of chat log documents and that you'd given those to us, but that we had instructed Mr. Dagon not to give them to the DOJ directly.

My understanding from our emails was that we would have to get Manos to find these documents (and we're reaching out to him via his counsel to see what can be done in that regard). Seems to me that Andrew has either misunderstood or misstated things.

However, just in case the misunderstanding is somehow on my end, I thought I'd check with you on whether Mr. Dagon does actually already have copies of Rhamnousia chat log documents. If he does, could you give us a copy so that we can review them to see if they're responsive to GT's subpoena?

Thanks,  
Beth



**Beth Young**  
Assistant Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Tuesday, July 27, 2021 2:39 PM  
**To:** Elizabeth Young <EYoung@LAW.GA.GOV>  
**Cc:** Mark Rasch <[REDACTED]>; Mark Rasch <rasch@globalcyberlegal.com>  
**Subject:** Re: List of documents relevant to subpoena

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi, Beth! Thanks for your call a minute ago. I just wanted to confirm in writing our agreement that David can produce the runs that he has made on the GT system regarding the findings in the white papers to the Special Counsel. We will make a copy for you and keep one ourselves. David will not produce any GT documents. As agreed earlier, we will leave the GT production up to you and GT. Thanks again for reaching out.

Cheers,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)  
[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

On Jul 26, 2021, at 11:29 AM, Jody R Westby <[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)> wrote:

Good morning, Beth,  
David is enroute to DC for his meeting with the Special Counsel and testimony with the Grand Jury. He won't return to Atlanta until Friday. He can't suggest anyone to do this discovery and production. Manos was Principal Investigator for the project, so he would be the best person. He would know if anyone else is qualified to search. Sorry!

David has been doing some runs on the GT system to validate the findings in the white papers that were given to the government. The Special Counsel wants him to bring the runs with him so he can go over them with the Special Counsel's technical person. We will make a complete image of whatever he brings to give to you. We will also keep a copy for ourselves. Please advise if you have any issues with this.

Also, please advise whether Georgia Tech is willing to enter into a joint defense agreement with us so we can share information.

Cheers,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)  
[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

On Jul 26, 2021, at 10:15 AM, Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)> wrote:

Thanks for letting us know. Could David go ahead and search these sources for responsive documents directly? Or if not, could he suggest someone from their team other than Manos that he thinks has the access and capability to run these searches? Manos has already been asked to go above and beyond already and I'm reluctant to dump another request on him if we don't have to.

<image001.jpg>  
<image002.png>  
<image003.png>  
Beth Young

Assistant Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3425  
[eyoung@law.ga.gov](mailto:eyoung@law.ga.gov)  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

From: Jody R Westby <[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)>  
Sent: Saturday, July 24, 2021 11:48 PM  
To: Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>  
Cc: Mark Rasch [REDACTED]; Mark Rasch <[rasch@globalcyberlegal.com](mailto:rasch@globalcyberlegal.com)>  
Subject: Re: List of documents relevant to subpoena

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Beth,  
Here is additional information from David that may be helpful in putting together GT's response to the subpoenas:

#### Chiron Data

There is a host in the Enhanced Attribution lab called `chiron.astrolavos.gatech.edu` with a directory called:

```
/data/whois_parsed
```

This holds approximately 13TB of whois data obtained from a vendor, mostly in `json.gz` (compressed text) form. Uncompressed, the data might be around 130TB. Note: Not all this data would be relevant of course. However, it is very likely that many relevant domains are included in this data. One would have to write a program to search through this data.

There is an additional directory:

```
/data/whois
```

holding approximately 6TB of what appears to be the original (raw) whois data from a vendor.

Searches could be run for at least:

- All Trump owned domains
- Alfa Bank
- Spectrum Health
- Domo.com

Data Transfer Files



The files documenting when GT received data from Neustar for the Enhanced Attribution contract.

I hope this is helpful. Please let me know if you have questions.

Kind regards,

Jody

Jody R Westby, Esq.

Managing Principal

Global Cyber Legal LLC

+1.202.255.2700

[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)

[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

On Jul 23, 2021, at 3:30 PM, Jody R Westby <[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)> wrote:

Beth,

At our direction, David made a list of documents/data sources that he thought would be responsive to the subpoena. They are:

DARPA whitepapers

Whitepaper on DNC attack attribution

Analysis of attacks of EOP (Executive Office of the President) networks

Whitepaper for DOJ on APT-29 related hackers, crypto coin transactions, and analysis that includes Yota-related domains

"Mueller List" - list of domains and indicators related to APT-28

BLU Phones directory of files

Rhamnusia chat logs

We may have further information after we are able to speak to our client, but not sure when that will be at this point. Hope this is helpful to you.

Kind regards,

Jody

Jody R Westby, Esq.

Managing Principal

Global Cyber Legal LLC

+1.202.255.2700

[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)

[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Monday, July 26, 2021 10:16 AM  
**To:** westby@globalcyberlegal.com  
**Cc:** [REDACTED] rasch@globalcyberlegal.com  
**Subject:** RE: List of documents relevant to subpoena

Thanks for letting us know. Could David go ahead and search these sources for responsive documents directly? Or if not, could he suggest someone from their team other than Manos that he thinks has the access and capability to run these searches? Manos has already been asked to go above and beyond already and I'm reluctant to dump another request on him if we don't have to.



**Beth Young**  
Assistant Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Saturday, July 24, 2021 11:48 PM  
**To:** Elizabeth Young <EYoung@LAW.GA.GOV>  
**Cc:** Mark Rasch <[REDACTED]>; Mark Rasch <rasch@globalcyberlegal.com>  
**Subject:** Re: List of documents relevant to subpoena

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Beth,  
Here is additional information from David that may be helpful in putting together GT's response to the subpoenas:

### **Chiron Data**

There is a host in the Enhanced Attribution lab called [chiron.astrolavos.gatech.edu](http://chiron.astrolavos.gatech.edu) with a directory called:

/data/whois\_parsed

This holds approximately 13TB of whois data obtained from a vendor, mostly in json.gz (compressed text) form. Uncompressed, the data might be around 130TB. Note: Not all this data would be relevant of course. However, it is very likely that many relevant domains are included in this data. One would have to write a program to

search through this data.

There is an additional directory:

/data/whois

holding approximately 6TB of what appears to be the original (raw) whois data from a vendor.

Searches could be run for at least:

All Trump owned domains

Alfa Bank

Spectrum Health

[Domo.com](http://Domo.com)

### **Data Transfer Files**

The files documenting when GT received data from Neustar for the Enhanced Attribution contract.

I hope this is helpful. Please let me know if you have questions.

Kind regards,

Jody

Jody R Westby, Esq.

Managing Principal

Global Cyber Legal LLC

+1.202.255.2700

[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)

[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

On Jul 23, 2021, at 3:30 PM, Jody R Westby <[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)> wrote:

Beth,

At our direction, David made a list of documents/data sources that he thought would be responsive to the subpoena. They are:

DARPA whitepapers

Whitepaper on DNC attack attribution

Analysis of attacks of EOP (Executive Office of the President) networks

Whitepaper for DOJ on APT-29 related hackers, crypto coin transactions, and analysis that includes Yota-related domains

"Mueller List" - list of domains and indicators related to APT-28

BLU Phones directory of files

Rhamnusia chat logs

We may have further information after we are able to speak to our client, but not sure when that will be at this point. Hope this is helpful to you.

Kind regards,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)  
[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

---

**From:** EYoung@LAW.GA.GOV  
**Sent:** Thursday, July 29, 2021 6:15 PM  
**To:** westby@globalcyberlegal.com  
**Cc:** [REDACTED] rasch@globalcyberlegal.com  
**Subject:** RE: List of documents relevant to subpoena

Thanks for clearing that up - that makes a lot more sense. Let me know what Mr. Dagon says about getting them to us - happy to work with whatever is easiest for your client. Our office uses a file transfer system called Kiteworks and if it is helpful I could send a link to a folder he could drop them into so long as the size isn't more than a couple of gigabytes. If larger than that, I'll have to rely on your client's expertise...we are definitely not equipped for terabytes, let alone petabytes.

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Thursday, July 29, 2021 6:00 PM  
**To:** Elizabeth Young <EYoung@LAW.GA.GOV>  
**Cc:** Mark Rasch [REDACTED]; Mark Rasch <rasch@globalcyberlegal.com>  
**Subject:** Re: List of documents relevant to subpoena

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi, Beth,

Yes, this got a little garbled in the translation. David has a copy of the Rhamnusia chat logs. When they came up in our meetings with Special Counsel, of course, they asked if David had them. When they found out he did, then, of course, they asked if we would give them to them. We told them we consider these GA Tech records and, pursuant to our agreement, we told the Special Counsel that we could not produce them unless it was authorized by GA Tech. We told Kate there were chat logs several months ago, but no one ever asked us for them. I will speak to David about the most efficient way to get them to you and come back to you asap. I know you want to be responsive. Thanks for your note.

Cheers,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC

+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 29, 2021, at 5:16 PM, Elizabeth Young <EYoung@LAW.GA.GOV> wrote:

Hi Jody,

Just got off the phone with Andrew DeFilippis. He's very interested in the Rhamnousia chat logs. He said that you'd told him that David had copies of chat log documents and that you'd given those to us, but that we had instructed Mr. Dagon not to give them to the DOJ directly.

My understanding from our emails was that we would have to get Manos to find these documents (and we're reaching out to him via his counsel to see what can be done in that regard). Seems to me that Andrew has either misunderstood or misstated things.

However, just in case the misunderstanding is somehow on my end, I thought I'd check with you on whether Mr. Dagon does actually already have copies of Rhamnousia chat log documents. If he does, could you give us a copy so that we can review them to see if they're responsive to GT's subpoena?

Thanks,  
Beth

<image001.jpg>

<image002.png>

<image003.png>

Beth Young

Assistant Attorney General

Office of the Attorney General Chris Carr Government Services & Employment

(404) 458-3425

eyoung@law.ga.gov

Georgia Department of Law

40 Capitol Square SW

Atlanta, Georgia 30334

From: Jody R Westby <westby@globalcyberlegal.com>

Sent: Tuesday, July 27, 2021 2:39 PM

To: Elizabeth Young <EYoung@LAW.GA.GOV>

Cc: Mark Rasch <[REDACTED]>; Mark Rasch <rasch@globalcyberlegal.com>

Subject: Re: List of documents relevant to subpoena

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi, Beth! Thanks for your call a minute ago. I just wanted to confirm in writing our agreement that David can produce the runs that he has made on the GT system regarding the findings in the white papers to the Special Counsel. We will make a copy for you and keep one ourselves. David will not produce any GT documents. As agreed earlier, we will leave the GT production up to you and GT. Thanks again for reaching out.

Cheers,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 26, 2021, at 11:29 AM, Jody R Westby <westby@globalcyberlegal.com> wrote:

Good morning, Beth,  
David is enroute to DC for his meeting with the Special Counsel and testimony with the Grand Jury. He won't return to Atlanta until Friday. He can't suggest anyone to do this discovery and production. Manos was Principal Investigator for the project, so he would be the best person. He would know if anyone else is qualified to search. Sorry!

David has been doing some runs on the GT system to validate the findings in the white papers that were given to the government. The Special Counsel wants him to bring the runs with him so he can go over them with the Special Counsel's technical person. We will make a complete image of whatever he brings to give to you. We will also keep a copy for ourselves. Please advise if you have any issues with this.

Also, please advise whether Georgia Tech is willing to enter into a joint defense agreement with us so we can share information.

Cheers,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 26, 2021, at 10:15 AM, Elizabeth Young <EYoung@LAW.GA.GOV> wrote:

Thanks for letting us know. Could David go ahead and search these sources for responsive documents directly? Or if not, could he suggest someone from their team other than Manos that he thinks has the access and capability to run these searches? Manos has already been asked to go above and beyond already and I'm reluctant to dump another request on him if we don't have to.

<image001.jpg>  
<image002.png>  
<image003.png>

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment

(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Saturday, July 24, 2021 11:48 PM  
To: Elizabeth Young <EYoung@LAW.GA.GOV>  
Cc: Mark Rasch <[REDACTED]>; Mark Rasch <rasch@globalcyberlegal.com>  
Subject: Re: List of documents relevant to subpoena

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Beth,  
Here is additional information from David that may be helpful in putting together GT's response to the subpoenas:

#### Chiron Data

There is a host in the Enhanced Attribution lab called chiron.astrolavos.gatech.edu with a directory called:

`/data/whois_parsed`

This holds approximately 13TB of whois data obtained from a vendor, mostly in json.gz (compressed text) form. Uncompressed, the data might be around 130TB. Note: Not all this data would be relevant of course. However, it is very likely that many relevant domains are included in this data. One would have to write a program to search through this data.

There is an additional directory:

`/data/whois`

holding approximately 6TB of what appears to be the original (raw) whois data from a vendor.

Searches could be run for at least:

All Trump owned domains  
Alfa Bank  
Spectrum Health  
Domo.com

#### Data Transfer Files

The files documenting when GT received data from Neustar for the Enhanced Attribution contract.

I hope this is helpful. Please let me know if you have questions.

Kind regards,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC



+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 23, 2021, at 3:30 PM, Jody R Westby <westby@globalcyberlegal.com> wrote:

Beth,

At our direction, David made a list of documents/data sources that he thought would be responsive to the subpoena.

They are:

DARPA whitepapers

Whitepaper on DNC attack attribution

Analysis of attacks of EOP (Executive Office of the President) networks Whitepaper for DOJ on APT-29 related hackers, crypto coin transactions, and analysis that includes Yota-related domains "Mueller List" - list of domains and indicators related to APT-28

BLU Phones directory of files

Rhamnusia chat logs

We may have further information after we are able to speak to our client, but not sure when that will be at this point.

Hope this is helpful to you.

Kind regards,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

---

**From:** McLaughlin, Steven W <sm140@gatech.edu>  
**Sent:** Friday, September 24, 2021 2:06 PM  
**To:** Meeks, Blair; Cabrera, Angel; Neville, Frank E; Abdallah, Chaouki T; Fox, Kelly; Kopkowski, Renee  
**Cc:** Elizabeth Young; Fuller, Christian; Wasch, Kate; Lunon, Darryl; Nie, Ling-Ling  
**Subject:** Re: Media statement for NYT

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Has Manos seen this?

\*\*\*\*\*

Steve McLaughlin  
Provost and Executive Vice President for Academic Affairs

\*\*\*\*\*



---

**From:** "Meeks, Blair" <wmEEKS7@gatech.edu>  
**Date:** Friday, September 24, 2021 at 1:53 PM  
**To:** "Cabrera, Angel" <angel.cabrera@gatech.edu>, "Neville, Frank E" <frank.neville@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, "McLaughlin, Steven W" <swm@gatech.edu>, "Fox, Kelly" <kelly.fox@gatech.edu>, "Kopkowski, Renee" <renee.kopkowski@gatech.edu>  
**Cc:** Elizabeth Young <EYoung@LAW.GA.GOV>, "Fuller, Christian" <christian.fuller@legal.gatech.edu>, "Wasch, Kate" <kate.wasch@legal.gatech.edu>, "Lunon, Darryl" <dl91@gatech.edu>, "Nie, Ling-Ling" <linglingnie@gatech.edu>  
**Subject:** Media statement for NYT

Hi team,  
Here is a reviewed draft of the statement we'd like to provide the NYT.  
Please call me with any suggested changes - available by mobile [REDACTED] when you need to reach out.  
Thank you!  
Blair

*A federal agency selected Georgia Tech and its researchers to work on some highly sensitive, extremely sophisticated computer systems research because of the school's and its researchers' world class reputations in this field and their high degree of integrity. The research was very much about securing the United States of America, its systems of governance and its people. All of the work conducted by Georgia Tech researchers was done in a strictly non-partisan way. These researchers focus on data, and everything they did in this case was a result of delving for the truth in the interests of national security.*

*It is important to point out that there is no suggestion in the indictment of any wrongdoing by anyone associated with Georgia Tech. Everyone connected with Georgia Tech has been cooperative with all aspects of the investigation into this matter.*

W. Blair Meeks

Assistant Vice President External Communications

Office: 404-894-9793; Mobile: [REDACTED]

[www.gatech.edu](http://www.gatech.edu)



---

**From:** William Aldenberg <wbaldenberg@fbi.gov>  
**Sent:** Friday, July 23, 2021 9:31 AM  
**To:** Elizabeth Young; Andrew.DeFilippis@usdoj.gov  
**Cc:** Fuller, Christian; Wasch, Kate; John.Eckenrode@usdoj.gov; Tim.Fuhrman@usdoj.gov; Michael.Keilty@usdoj.gov; Anthony.Scarpelli@usdoj.gov; Neeraj.Patel@usdoj.gov  
**Subject:** Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

I'm available

---

**From:** DeFilippis, Andrew (USANYS)  
**Sent:** Friday, July 23, 2021 9:07:36 AM  
**To:** Elizabeth Young  
**Cc:** Fuller, Christian ; Wasch, Kate ; Eckenrode, John (JMD) ; Aldenberg, William B. (NH) (FBI) ; Fuhrman, Tim (JMD) ; Keilty, Michael (USANYE) ; Scarpelli, Anthony (USADC) ; Patel, Neeraj (USACT)  
**Subject:** [EXTERNAL EMAIL] - Re: Call Tomorrow (Special Counsel Investigation)  
Can we say 4:30? Thank you.

> On Jul 23, 2021, at 8:59 AM, Elizabeth Young wrote:

>  
> I'm booked up this morning but available after lunch - how about 2:30? If that doesn't work let me know what does.

>  
>  
> Beth Young  
> Assistant Attorney General  
> Office of the Attorney General Chris Carr  
> Government Services & Employment  
> (404) 458-3425  
> eyoung@law.ga.gov  
> Georgia Department of Law  
> 40 Capitol Square SW  
> Atlanta, Georgia 30334

>  
>  
>  
> -----Original Message-----

> From: DeFilippis, Andrew (USANYS)  
> Sent: Thursday, July 22, 2021 10:17 PM  
> To: Elizabeth Young  
> Cc: Fuller, Christian ; Wasch, Kate ; Eckenrode, John (JMD) ; Aldenberg, William B. (NH) (FBI) ; Fuhrman, Tim (JMD) ; Keilty, Michael (USANYE) ; Scarpelli, Anthony (USADC) ; Patel, Neeraj (USACT)  
> Subject: Re: Call Tomorrow (Special Counsel Investigation)

>  
> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>  
>

> Beth,  
> We hope all is well. Can you let us know some times tomorrow when you would be available for an update call?  
>  
> Thank you.  
>  
>  
>  
>> On Jul 21, 2021, at 8:07 AM, Elizabeth Young wrote:  
>> I'm available for a call at 3:30 today. Please let me know what number you'd like me to call.  
>> Elizabeth (Beth) Young  
>> Assistant Attorney General  
>> Office of the Attorney General Chris Carr Government Services &  
>> Employment  
>> (404) 458-3425  
>> eyoung@law.ga.gov  
>> Georgia Department of Law  
>> 40 Capitol Square SW  
>> Atlanta, Georgia 30334  
>> -----Original Message-----  
>> From: DeFilippis, Andrew (USANYS)  
>> Sent: Wednesday, July 21, 2021 7:05 AM  
>> To: Jody R Westby  
>> Cc: Elizabeth Young ; Mark Rasch  
>> ; Fuller, Christian  
>> ; Wasch, Kate  
>> ; Eckenrode, John (JMD)  
>> ; Aldenberg, William B. (NH) (FBI)  
>> ; Fuhrman, Tim (JMD) ;  
>> Keilty, Michael (USANYE) ; Scarpelli,  
>> Anthony (USADC) ; Patel, Neeraj (USACT)  
>>  
>> Subject: RE: Call Tomorrow (Special Counsel Investigation)  
>> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.  
>> Jody, It is unfortunate that you are not willing to join a call with Georgia Tech's counsel for purposes of efficiency and to avoid delaying compliance with federal subpoenas. Regardless, can we please speak at 11:30 AM with you and Mark? Beth, would you then be available for a separate call with our team at either 2:30 PM or 3:30 PM?  
>> -----Original Message-----  
>> From: Jody R Westby  
>> Sent: Tuesday, July 20, 2021 11:23 PM  
>> To: DeFilippis, Andrew (USANYS)  
>> Cc: Elizabeth Young ; Mark Rasch  
>> ; Fuller, Christian  
>> ; Wasch, Kate  
>> ; Eckenrode, John (JMD)  
>> ; Aldenberg, William B. (NH) (FBI)  
>> ; Fuhrman, Tim (JMD) ;  
>> Keilty, Michael (USANYE) ; Scarpelli, Anthony  
>> (USADC) ; Patel, Neeraj (USACT)  
>>  
>> Subject: Re: Call Tomorrow (Special Counsel Investigation)  
>> Dear Andrew:  
>> We appreciate that you need the documents / data subject to the subpoenas to Georgia Tech. However, we are not a party to those subpoenas and have no knowledge of them. We are not the custodian of records for

Georgia Tech, and our client is not the Principal Investigator on the DARPA contract or a professor of the College of Electrical Engineering. We have indicated that we do not believe that Mr. Dagon has any responsive Georgia Tech documents / data in his personal capacity. While our client may be helpful in pointing Georgia Tech to documents or data relevant to their subpoenas (if we are informed of their contents), responsibility for compliance lies with Georgia Tech. We respectfully request that the Special Counsel's team work with each party that it is seeking evidence from and not ask us to get in the middle. Georgia Tech needs to determine how it wants to respond to the subpoenas; we are more than happy to provide any assistance that would be useful to them.

>> We hope you understand that we are trying to be cooperative. We would be happy to have a call with you and your team separately if that would be helpful.

>> Best regards,

>> Jody

>> Jody R Westby, Esq.

>> Managing Principal

>> Global Cyber Legal LLC

>> +1.202.255.2700

>> westby@globalcyberlegal.com

>> <https://protect2.fireeye.com/v1/url?k=7211baee-2d8a821e-72169e0b-ac1f6>

>> b0176b0-2941286214a1b996&q=1&e=3db575fb-ac73-4426-bd1f-7b6d618c069d&u=

>> http%3A%2F%2Fwww.globalcyberlegal.com%2F

>> On Jul 20, 2021, at 10:24 PM, DeFilippis, Andrew (USANYS) wrote:

>> Good Evening Counsel for Georgia Tech and Counsel for David Dagon,

>> We hope all is well. Can you please let us know when you are available for a joint call tomorrow -- preferably at either 11:30 AM, 2:20 PM or 3:30 PM? We would like to discuss your clients' compliance with recently issued federal grand jury subpoenas. It is important that we have this call to ensure timely and comprehensive compliance with the subpoenas. Thanks very much.

>> The Special Counsel Team

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Thursday, October 14, 2021 4:49 PM  
**To:** Fuller, Christian; Elizabeth Young  
**Subject:** Fwd: Subpoenas to David Dagon  
**Attachments:** 10.14.21 Letter.pdf; attachment.html

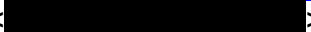
CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

FYI. Read this first and our reply next, which I am also forwarding.

Jody R. Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
Washington, DC 20007  
202 255-2700  
[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)  
[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

NOTICE: This message (including any attachments) may constitute an attorney-client communication and may contain information that is PRIVILEGED or CONFIDENTIAL and/or ATTORNEY WORK PRODUCT. If you are not an intended recipient, you are hereby notified that any dissemination of this message is strictly prohibited. If you have received this message in error, please do not read, copy or forward this message. Please permanently delete all copies and any attachments and notify the sender immediately by sending an e-mail to [westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com).  
Thank you.

Begin forwarded message:

**From:** "Krawiec, Margaret E" <[Margaret.Krawiec@skadden.com](mailto:Margaret.Krawiec@skadden.com)>  
**Subject:** RE: Subpoenas to David Dagon  
**Date:** October 14, 2021 at 1:51:34 PM EDT  
**To:** "Jody R Westby" <[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)>  
**Cc:** "[twanderson@nelsonmullins.com](mailto:twanderson@nelsonmullins.com)" <[twanderson@nelsonmullins.com](mailto:twanderson@nelsonmullins.com)>, "[Jonathan.etra@nelsonmullins.com](mailto:Jonathan.etra@nelsonmullins.com)" <[Jonathan.etra@nelsonmullins.com](mailto:Jonathan.etra@nelsonmullins.com)>, "McIntosh, Michael A" <[Michael.McIntosh@skadden.com](mailto:Michael.McIntosh@skadden.com)>, "Mark D. Rasch" <[rasch@globalcyberlegal.com](mailto:rasch@globalcyberlegal.com)>, "Mark Rasch" <>

Jody –

Please see attached response to your October 13, 2021 letter.

Thank you,

Margaret

---

**From:** Jody R Westby <[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)>  
**Sent:** Wednesday, October 13, 2021 2:28 PM  
**To:** Krawiec, Margaret E (WAS) <[Margaret.Krawiec@skadden.com](mailto:Margaret.Krawiec@skadden.com)>  
**Cc:** [twanderson@nelsonmullins.com](mailto:twanderson@nelsonmullins.com); [Jonathan.etra@nelsonmullins.com](mailto:Jonathan.etra@nelsonmullins.com); McIntosh, Michael A (WAS) <[Michael.McIntosh@skadden.com](mailto:Michael.McIntosh@skadden.com)>; Mark D. Rasch <[rasch@globalcyberlegal.com](mailto:rasch@globalcyberlegal.com)>; Mark Rasch <[REDACTED]>  
**Subject:** Re: [Ext] Subpoenas to David Dagon

Dear Margaret and Counsel,  
Please see attached letter in response to your October 12 letter.  
Kind regards,  
Jody

Jody R. Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
Washington, DC 20007  
202 255-2700  
[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)  
[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

NOTICE: This message (including any attachments) may constitute an attorney-client communication and may contain information that is PRIVILEGED or CONFIDENTIAL and/or ATTORNEY WORK PRODUCT. If you are not an intended recipient, you are hereby notified that any dissemination of this message is strictly prohibited. If you have received this message in error, please do not read, copy or forward this message. Please permanently delete all copies and any attachments and notify the sender immediately by sending an e-mail to [westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com).  
Thank you.

On Oct 12, 2021, at 10:59 PM, Krawiec, Margaret E <[Margaret.Krawiec@skadden.com](mailto:Margaret.Krawiec@skadden.com)> wrote:

Counsel -

Please see the attached correspondence responding to your October 5th letter.

Thank you,

Margaret

-----Original Message-----

**From:** Jody R Westby <[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)>  
**Sent:** Tuesday, October 5, 2021 10:51 AM  
**To:** [twanderson@nelsonmullins.com](mailto:twanderson@nelsonmullins.com); [Jonathan.etra@nelsonmullins.com](mailto:Jonathan.etra@nelsonmullins.com); Krawiec, Margaret E (WAS) <[Margaret.Krawiec@skadden.com](mailto:Margaret.Krawiec@skadden.com)>; McIntosh, Michael A (WAS) <[Michael.McIntosh@skadden.com](mailto:Michael.McIntosh@skadden.com)>  
**Cc:** Mark D. Rasch <[rasch@globalcyberlegal.com](mailto:rasch@globalcyberlegal.com)>; Mark Rasch <[REDACTED]>  
**Subject:** [Ext] Subpoenas to David Dagon

Dear Counsel:  
Mark Rasch and I represent David Dagon, to whom you have issued subpoenas for deposition and documents. Please see the attached letter in response.  
Kind regards,  
Jody Westby

Jody R. Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
Washington, DC 20007  
202 255-2700  
[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)



[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

NOTICE: This message (including any attachments) may constitute an attorney-client communication and may contain information that is PRIVILEGED or CONFIDENTIAL and/or ATTORNEY WORK PRODUCT. If you are not an intended recipient, you are hereby notified that any dissemination of this message is strictly prohibited. If you have received this message in error, please do not read, copy or forward this message. Please permanently delete all copies and any attachments and notify the sender immediately by sending an e-mail to [westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com).

Thank you.

-----  
This email (and any attachments thereto) is intended only for use by the addressee(s) named herein and may contain legally privileged and/or confidential information. If you are not the intended recipient of this email, you are hereby notified that any dissemination, distribution or copying of this email (and any attachments thereto) is strictly prohibited. If you receive this email in error please immediately notify me at (212) 735-3000 and permanently delete the original email (and any copy of any email) and any printout thereof.

Further information about the firm, a list of the Partners and their professional qualifications will be provided upon request.

=====  
<10.12.21 Letter.pdf>

-----  
This email (and any attachments thereto) is intended only for use by the addressee(s) named herein and may contain legally privileged and/or confidential information. If you are not the intended recipient of this email, you are hereby notified that any dissemination, distribution or copying of this email (and any attachments thereto) is strictly prohibited. If you receive this email in error please immediately notify me at (212) 735-3000 and permanently delete the original email (and any copy of any email) and any printout thereof.

Further information about the firm, a list of the Partners and their professional qualifications will be provided upon request.  
=====

SKADDEN, ARPS, SLATE, MEAGHER & FLOM LLP

1440 NEW YORK AVENUE, N.W.  
WASHINGTON, D.C. 20005-2111

TEL: (202) 371-7000  
FAX: (202) 393-5760  
www.skadden.com

DIRECT DIAL  
202-371-7303  
DIRECT FAX  
202-661-9123  
EMAIL ADDRESS  
MKRAWIEC@SKADDEN.COM

FIRM/AFFILIATE OFFICES

BOSTON  
CHICAGO  
HOUSTON  
LOS ANGELES  
NEW YORK  
PALO ALTO  
WILMINGTON

BEIJING  
BRUSSELS  
FRANKFURT  
HONG KONG  
LONDON  
MOSCOW  
MUNICH  
PARIS  
SÃO PAULO  
SEOUL  
SHANGHAI  
SINGAPORE  
TOKYO  
TORONTO

October 14, 2021

**VIA EMAIL**

Jody R. Westby  
Mark D. Rasch  
Global Cyber Legal LLC  
4501 Foxhall Crescents NW  
Washington, DC 20007

RE: *AO Alfa-Bank v. Doe*, Civil Action No. 50-2020-CA-006304-XXXX-MB  
Subpoenas to David Dagon

Dear Ms. Westby and Mr. Rasch:

We write in response to your October 13, 2021 letter addressing the subpoenas for documents and deposition testimony served on David Dagon in the above-referenced action.

**I. Subpoena for Deposition Testimony**

We are disappointed that Mr. Dagon has chosen knowingly to violate Georgia law by refusing to appear for his deposition as noticed on October 19, 2021. Your letter concedes that Georgia authority does not permit Mr. Dagon to rely on a blanket assertion of the privilege against self-incrimination, and instead requires him to invoke that privilege on a question-by-question basis during a deposition. Your letter also does not dispute that Georgia law requires Mr. Dagon to attend his deposition as scheduled unless he actually *obtains* judicial relief in advance, which he has not done. Yet Mr. Dagon still refuses to appear for his deposition. We intend to seek an order compelling Mr. Dagon to attend his deposition, as Georgia law compels him to do, and reserve our right to seek sanctions for your and Mr. Dagon's blatant and willful disregard of Georgia law.

We also regret that your letter deploys over-the-top rhetoric and ad hominem attacks in an attempt to distract from the fundamental legal flaws that undermine your position. Our request that Mr. Dagon appear for his deposition, even if he intends to assert his privilege against self-incrimination, is not “harassing and vexatious.” We simply are adhering to Georgia law, which requires a witness planning to invoke that privilege to assert it on a question-by-question basis. Nor is Alfa Bank’s deposition subpoena “mere harassment and an attempt to intimidate cybersecurity researchers and avail [ourselves] of free expert testimony.” You do not (and cannot) dispute that Mr. Dagon has information highly relevant to Alfa Bank’s underlying litigation and ability to identify the unknown John Doe defendants. Indeed, Mr. Dagon’s inclusion throughout the recent indictment against Michael Sussmann makes this plain, as does evidence that we have uncovered through discovery in this litigation. We served subpoenas on Mr. Dagon to obtain that critical information—nothing more and nothing less.

## II. Subpoena for Documents

For the reasons outlined in our October 12 letter, we disagree that Mr. Dagon’s privilege against self-incrimination excuses him from producing all documents responsive to Alfa Bank’s document subpoena. Your letter conspicuously ignores that the privilege applies only to document requests that require Mr. Dagon to “create evidence by means of a testimonial act.” *Dempsey v. Kaminski Jewelry, Inc.*, 278 Ga. App. 814, 816–17 (2006). Because Alfa Bank’s subpoena requests only pre-existing documents in Mr. Dagon’s possession, custody, or control, Mr. Dagon may not rely on his privilege against self-incrimination to justify his wholesale noncompliance. Mr. Dagon may not invoke his constitutional privilege to block the production of responsive documents for the additional reason that the existence of those documents is a “foregone conclusion,” as we explained in our October 12 letter.

Nevertheless, as we noted in our October 12 letter, we would like to work cooperatively with Mr. Dagon to address his concerns about the document subpoena and to obtain responsive documents without judicial intervention. To that end, below is a non-exhaustive list of specific documents that Mr. Dagon must produce because their “existence and location . . . are a foregone conclusion.” *Fisher v. United States*, 425 U.S. 391, 411 (1976). We note that it appears that you might have disclosed many of these documents to journalists at *The New York Times*, which fatally undermines Mr. Dagon’s position that his privilege against self-incrimination protects him from producing these and similar documents.

- “[F]indings” that April Lorenzen shared with Mr. Dagon during the summer of 2016 regarding “a server called mail.trump.email.com [that] appeared to be communicating almost exclusively with servers at Alfa Bank and Spectrum Health,” as well as subsequent discussions that Mr. Dagon and Ms. Lorenzen “both” had with Rodney Joffe regarding the same.<sup>1</sup>

---

<sup>1</sup> Charlie Savage and Adam Goldman, “Trump Server Mystery Produces Fresh Conflict,” *NY Times* (Sept. 30, 2021).

(cont'd)

- A July 29, 2016 email sent by Mr. Dagon to Manos Antonakakis containing the “Russian Bank Data compiled by [Ms. Lorenzen].”<sup>2</sup>
- An August 20, 2016 email sent by Ms. Lorenzen to Mr. Dagon, Mr. Joffe, and Mr. Antonakakis stating, among other things, that “it would be possible to ‘fill out a sales form on two websites, faking the other company’s email address in each form,’ and thereby cause them ‘to appear to communicate with each other in DNS.’”<sup>3</sup>
- An August 20, 2016 email sent by Mr. Joffe to Mr. Dagon, Ms. Lorenzen, and Mr. Antonakakis stating, among other things, that “[b]eing able to provide evidence of \*anything\* that shows an attempt to behave badly in relation to this, the VIPs would be happy.”<sup>4</sup>
- An August 21, 2016 email sent by Mr. Joffe to Mr. Dagon, Ms. Lorenzen, and Mr. Antonakakis expressing, among other things, Mr. Joffe’s “own belief that the ‘trump-email.com’ domain (referring to the subject of the allegations that SUSSMANN conveyed to the FBI) was not a secret communications channel with Russian Bank-1, but ‘a red herring.’”<sup>5</sup>
- An August 22, 2016 email sent by Mr. Antonakakis to Mr. Dagon, Mr. Joffe, and Ms. Lorenzen expressing, among other things, “continued doubt regarding the [Alfa Bank] allegations that SUSSMANN would later convey to the FBI, and raising concerns about the researchers’ bias against Trump.”<sup>6</sup>
- A white paper entitled “White Paper #1 Auditable V3” that Mr. Joffe sent to Mr. Dagon on September 15, 2016.<sup>7</sup>
- A September 15, 2016 email from Mr. Joffe to Mr. Dagon and Mr. Antonakakis soliciting “their views as to whether the paper’s allegations would be ‘plausible’ to ‘security experts,’ even if the allegations were not demonstrably true.”<sup>8</sup>
- A September 15, 2016 email from Mr. Dagon to Mr. Joffe stating, among other things, “that questions remained, but . . . that [Mr. Sussmann’s white paper] should be shared with government officials.”<sup>9</sup>
- Documents that Mr. Sussmann provided to the FBI on September 19, 2016—including a white paper drafted by Fusion GPS “concerning purported ties between [Alfa Bank’s] parent company and the Russian government,” Mr. Sussmann’s white paper (“White Paper

---

<sup>2</sup> Indictment, *United States v. Sussmann*, No. 1:21-cr-00582-CRC (D.D.C. Sept. 19, 2021) ¶ 23(f) [hereinafter “Sussmann Indictment”].

<sup>3</sup> *Id.* at ¶ 23(h).

<sup>4</sup> *Id.* at ¶ 23(i).

<sup>5</sup> *Id.* at ¶ 23(j).

<sup>6</sup> *Id.* at ¶ 23(k).

<sup>7</sup> *Id.* at ¶ 24(e).

<sup>8</sup> *Id.*

<sup>9</sup> *Id.* at ¶ 24(h); Savage & Goldman, *supra* n.1.

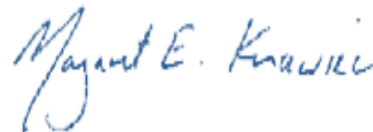
(cont'd)

#1 Auditable V3”), and data related to the Alfa Bank server allegations—all of which Mr. Sussmann sent to Mr. Dagon on September 17, 2016.<sup>10</sup>

- Communications between Mr. Dagon and Mr. Sussmann on or around September 17, 2016, including those related to Mr. Sussmann’s request that Mr. Dagon speak with the media about the Alfa Bank server allegations.<sup>11</sup>
- Communications between Mr. Dagon and the media regarding the Alfa Bank server allegations, which occurred in the weeks following September 17, 2016.<sup>12</sup>
- A white paper drafted by Mr. Dagon, which was dated September 19, 2016 and entitled “White Paper Comments: Time Series Analysis of Recursive Queries,” and all drafts.<sup>13</sup>
- Communications, “additional information,” and “data” regarding the Alfa Bank server allegations, including “other purported data allegedly involving Trump-related computer networks and Russia,” that was gathered and reviewed by Mr. Dagon, Mr. Joffe, and Ms. Lorenzen during late 2016 and early 2017.<sup>14</sup>
- Communications with Daniel J. Jones regarding the Alfa Bank server allegations and underlying data, including Wickr messages exchanged in 2017 and 2018 in which Mr. Dagon used the moniker “tinadoug”.<sup>15</sup>

Without waiver of our objections to Mr. Dagon’s refusal to produce all other documents responsive to Alfa Bank’s subpoena, we ask that you promptly produce the documents described above.

Sincerely,



Margaret E. Krawiec

---

<sup>10</sup> Sussmann Indictment ¶ 26(b).

<sup>11</sup> *Id.* at ¶ 26(a).

<sup>12</sup> *Id.*

<sup>13</sup> *Id.* at ¶ 27(f)(ii).

<sup>14</sup> *Id.* at ¶ 39.

<sup>15</sup> Tr. of Dep. of Daniel J. Jones at 270–74, 358 (Aug. 18, 2021); *id.*, Ex. 19.

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Thursday, October 14, 2021 4:50 PM  
**To:** Fuller, Christian; Elizabeth Young  
**Cc:** Mark D. Rasch; Mark Rasch  
**Subject:** Fwd: Subpoenas to David Dagon  
**Attachments:** DAGON - Letter to Skadden re subpoenas 10-14-21.pdf; attachment.html

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Read this after you read Margaret's letter of 10-14.

Jody R. Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
Washington, DC 20007  
202 255-2700  
[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)  
[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

NOTICE: This message (including any attachments) may constitute an attorney-client communication and may contain information that is PRIVILEGED or CONFIDENTIAL and/or ATTORNEY WORK PRODUCT. If you are not an intended recipient, you are hereby notified that any dissemination of this message is strictly prohibited. If you have received this message in error, please do not read, copy or forward this message. Please permanently delete all copies and any attachments and notify the sender immediately by sending an e-mail to [westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com).  
Thank you.

Begin forwarded message:

**From:** Jody R Westby <[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)>  
**Subject:** Re: Subpoenas to David Dagon  
**Date:** October 14, 2021 at 4:11:03 PM EDT  
**To:** "Krawiec, Margaret E" <[Margaret.Krawiec@skadden.com](mailto:Margaret.Krawiec@skadden.com)>  
**Cc:** "[twanderson@nelsonmullins.com](mailto:twanderson@nelsonmullins.com)" <[twanderson@nelsonmullins.com](mailto:twanderson@nelsonmullins.com)>, "[Jonathan.etra@nelsonmullins.com](mailto:Jonathan.etra@nelsonmullins.com)" <[Jonathan.etra@nelsonmullins.com](mailto:Jonathan.etra@nelsonmullins.com)>, "McIntosh, Michael A" <[Michael.McIntosh@skadden.com](mailto:Michael.McIntosh@skadden.com)>, "Mark D. Rasch" <[rasch@globalcyberlegal.com](mailto:rasch@globalcyberlegal.com)>, Mark Rasch <>

Margaret,  
Please see attached letter in response. Also please note our offer for a call later today or in the morning.  
Thank you,  
Jody

Jody R. Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC

Washington, DC 20007

202 255-2700

[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)

[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

NOTICE: This message (including any attachments) may constitute an attorney-client communication and may contain information that is PRIVILEGED or CONFIDENTIAL and/or ATTORNEY WORK PRODUCT. If you are not an intended recipient, you are hereby notified that any dissemination of this message is strictly prohibited. If you have received this message in error, please do not read, copy or forward this message. Please permanently delete all copies and any attachments and notify the sender immediately by sending an e-mail to [westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com).

Thank you.

October 14, 2021

Margaret E. Krawiec  
Skadden, Arps, Slate, Meagher & Flom, LLP  
1440 New York Avenue, NW  
Washington, D.C. 20005  
Margaret.krawiec@skadden.com

Dear Ms. Krawiec:

First of all, we know our obligations under Georgia law with respect to third party subpoenas issued without leave of the Florida court.

A motion compelling Mr. Dagon, a third party, to appear for a deposition during COVID simply for him to assert his testimonial privilege is unnecessary and abusive. If you insist on such an appearance, we reserve the right to file a motion to quash the subpoenas and seek a protective order, together with appropriate sanctions and attorneys' fees. As we continue to ask, if you can provide questions that you believe Mr. Dagon could answer without implicating his privilege, please let us know and we will entertain them. You have not provided any such question. Absent that, there is no conceivable purpose for the deposition.

A few observations. First, we believe that you are misinterpreting the U.S. Supreme Court's holding in *United States v. Hubbell*, 530 U.S. 27, 37 (2000), and its progeny with respect to the distinction between production of the contents of pre-existing documents and the act of producing such documents. This is understandable, as many Courts have also confused the issue.

The contents of pre-existing documents – with the possible exception of the contents of documents like diaries or other intimate information (See, *Fisher v. United States*, 425 U.S. 391, 427 (1976)), are generally not protected because the creation of those documents is not compelled.

As the *Dempsey* Court noted, however, where a party seeks to compel another party to engage in an ACT which itself is testimonial, the privilege is applicable. By requiring Mr. Dagon to produce records (if they exist) your subpoena explicitly requires Mr. Dagon to “create evidence by means of a testimonial act.” *Dempsey v. Kaminski Jewelry, Inc.*, 278 Ga. App. 814, 816–17 (2006). It is the equivalent of requiring Mr. Dagon to testify that he possesses a responsive document, that the document is authentic, that the document exists, and that he implicitly had knowledge of the contents of these documents – all things that he cannot be compelled to testify to. In short, as the U.S. Supreme Court noted:



... we have also made it clear that the act of producing documents in response to a subpoena may have a compelled testimonial aspect. We have held that "the act of production" itself may implicitly communicate "statements of fact." By "producing documents in compliance with a subpoena, the witness would admit that the papers existed, were in his possession or control, and were authentic." Moreover, as was true in this case, when the custodian of documents responds to a subpoena, he may be compelled to take the witness stand and answer questions designed to determine whether he has produced everything demanded by the subpoena. answers to those questions, as well as the act of production itself, may certainly communicate information about the existence, custody, and authenticity of the documents. Whether the constitutional privilege protects the answers to such questions, or protects the act of production itself, is a question that is distinct from the question whether the unprotected contents of the documents themselves are incriminating.

*United States v. Hubbell*, 530 U.S. 27, 37 (2000)(footnotes and citations omitted).

This is no less the case here, and *Dempsey* is no different. Mr. Dagon's act of producing any record in response to the third party subpoena would admit all of the things that the *Hubbell* and *Dempsey* Courts have stated need not be admitted. We decline to do so.

Additionally, you are essentially arguing that the fact that you read about some documents in *The New York Times* implies not only that such documents exist and are genuine, but also that they must, by peradventure, have been provided by Mr. Dagon to *The New York Times*, and therefore that the existence, authenticity, and Mr. Dagon's possession, custody or control over such documents is a "foregone conclusion" or alternatively, a waiver of the Fifth Amendment.

This is simply not supported either by the law or by the facts. First, factually, there is no evidence that Mr. Dagon has ever spoken with *The New York Times*, or indeed that he provided any documents to that journalist or any other. Indeed, if Mr. Dagon did provide any documents to the journalist, this would NOT, as a matter of law constitute a waiver of any act of production privilege. Moreover, Georgia's comprehensive journalist shield law protects a journalist from being compelled to describe his or her sources, As the Georgia Supreme Court noted:

Unlike some states, the Georgia statute does not limit the privilege solely to confidential sources, but protects against the disclosure of any information obtained or prepared. The reporter's privilege belongs to the person engaged in the gathering and dissemination of news, not the source, and waiver may occur when the news person publishes the confidential information or voluntarily testifies. Contrary to the state's contention, publication of part of the information gathered does not waive the privilege as to all of the information gathered on the same subject matter because it "would chill the free flow of information to the public.

*In re Paul*, 270 Ga. 680, 686, 513 S.E.2d 219, 223–24 (1999).

As for any statutory privilege, OCGA § 24-9-30 speaks directly to the issue. This statute establishes a qualified privilege for persons engaged in the gathering and dissemination of news. It provides that a reporter does not have to reveal his or her sources unless the privilege has been waived or it is shown that the information sought is material and relevant, cannot be reasonably obtained by other means, and is necessary to the proper presentation or preparation of the case of a party seeking the information, documents, or items. *Atlanta J.-Const. v. Jewell*, 251 Ga. App. 808, 811, 555 S.E.2d 175, 179-80 (2001).

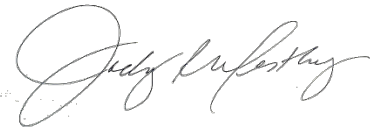
We find your assertion that Mr. Dagon would have waived the act of production privilege through the privileged communication to a journalist (assuming that such a thing happened -- and there is no evidence that it did) untenable. Indeed, it presents the possibility that, in order to establish that Mr. Dagon waived the act of production, you would compel *The New York Times* to disclose its sources, or that you would seek to compel Mr. Dagon to disclose whether or not he communicated with *The New York Times*. As to the latter, Mr. Dagon again declines to do so, and declines to testify.

We are happy to discuss what questions you would proffer with you by telephone. Are you free for a call sometime this afternoon or tomorrow morning?

Very truly yours,



Mark D. Rasch, Esq.  
Admitted in NY MA MD



Jody R. Westby, Esq.  
Admitted in DC, PA, CO

## Jotonna Tulloch

---

**From:** Google Calendar <calendar-notification@google.com> on behalf of [REDACTED]  
**Sent:** Wednesday, October 13, 2021 5:44 PM  
**To:** eyoung@law.ga.gov; Mark D. Rasch; Mark Rasch; Jody R. Westby; Fuller, Christian  
**Subject:** Invitation: Alfa Bank Litigation Call @ Fri Oct 15, 2021 3pm - 4pm (EDT) (eyoung@law.ga.gov)  
**Attachments:** attachment.ics; invite.ics

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

**You have been invited to the following event.**

### Alfa Bank Litigation Call

**When** Fri Oct 15, 2021 3pm – 4pm Eastern Time - New York

**Where** <https://us02web.zoom.us/j/89938250980?pwd=bE52RGs0NVlzRUVwL2JCUmxBNThDZz09> ([map](#))

**Calendar** eyoung@law.ga.gov

**Who**

- jodywestby@gmail.com - organizer
- Mark D. Rasch
- Mark Rasch
- Jody R. Westby
- Elizabeth Young
- Fuller, Christian

[more details »](#)

Jody Rae Westby is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

<https://us02web.zoom.us/j/89938250980?pwd=bE52RGs0NVlzRUVwL2JCUmxBNThDZz09>

Meeting ID: [REDACTED]

Passcode: [REDACTED]

One tap mobile

+ [REDACTED] \*484900# US (New York)

+ [REDACTED] #,,,,\*484900# US (Washington DC)

Dial by your location

+1 929 205 6099 US (New York)

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

Meeting ID: [REDACTED]

Passcode: [REDACTED]

Find your local number:

<https://us02web.zoom.us/j/8bAkIOEL5s>

Going (eyoung@law.ga.gov)? [Yes](#) - [Maybe](#) - [No](#) [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this courtesy email at the account eyoung@law.ga.gov because you are an attendee of this event.

To stop receiving future updates for this event, decline this event. Alternatively you can sign up for a Google account at <https://calendar.google.com/calendar/> and control your notification settings for your entire calendar.

Forwarding this invitation could allow any recipient to send a response to the organizer and be added to the guest list, or invite others regardless of their own invitation status, or to modify your RSVP. [Learn More.](#)

---

**From:** Google Calendar <calendar-notification@google.com> on behalf of [REDACTED]  
**Sent:** Monday, September 27, 2021 4:21 PM  
**To:** eyoung@law.ga.gov; Jody R Westby; rasch@globalcyberlegal.com; christian.fuller@legal.gatech.edu  
**Subject:** Invitation: GT & Global Cyber Legal @ Tue Sep 28, 2021 3:30pm - 4pm (EDT) (eyoung@law.ga.gov)  
**Attachments:** attachment.ics; invite.ics

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

**You have been invited to the following event.**

### **GT & Global Cyber Legal**

**When** Tue Sep 28, 2021 3:30pm – 4pm Eastern Time - New York

**Where** <https://us02web.zoom.us/j/87063523919?pwd=YVpwQVdkY2Vlcm1KY0R3ZmJ2bURSUT09> ([map](#))

**Calendar** eyoung@law.ga.gov

**Who**

- jodywestby@gmail.com - organizer
- Jody R Westby
- rasch@globalcyberlegal.com
- Cc: Elizabeth Young
- christian.fuller@legal.gatech.edu

[more details »](#)

Jody Rae Westby is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

<https://us02web.zoom.us/j/87063523919?pwd=YVpwQVdkY2Vlcm1KY0R3ZmJ2bURSUT09>

Meeting ID: [REDACTED]

Passcode: [REDACTED]

One tap mobile

+ [REDACTED] #, , , , \*196721# US (Chicago)

+ [REDACTED] #,,,,\*196721# US (New York)

Dial by your location

+1 312 626 6799 US (Chicago)

+1 929 205 6099 US (New York)

+1 301 715 8592 US (Washington DC)

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

+1 253 215 8782 US (Tacoma)

Meeting ID: [REDACTED]

Passcode: [REDACTED]

Find your local number:

<https://us02web.zoom.us/j/kc9tqDpuER>

Going (eyoung@law.ga.gov)? [Yes](#) - [Maybe](#) - [No](#) [more options »](#)

Invitation from [Google Calendar](#)

You are receiving this courtesy email at the account eyoung@law.ga.gov because you are an attendee of this event.

To stop receiving future updates for this event, decline this event. Alternatively you can sign up for a Google account at <https://calendar.google.com/calendar/> and control your notification settings for your entire calendar.

Forwarding this invitation could allow any recipient to send a response to the organizer and be added to the guest list, or invite others regardless of their own invitation status, or to modify your RSVP. [Learn More.](#)

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Friday, July 23, 2021 3:30 PM  
**To:** Elizabeth Young  
**Cc:** Mark Rasch; Mark Rasch  
**Subject:** List of documents relevant to subpoena

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Beth,  
At our direction, David made a list of documents/data sources that he thought would be responsive to the subpoena. They are:

DARPA whitepapers

- Whitepaper on DNC attack attribution

- Analysis of attacks of EOP (Executive Office of the President) networks

- Whitepaper for DOJ on APT-29 related hackers, crypto coin transactions, and analysis that includes Yota-related domains

- "Mueller List" - list of domains and indicators related to APT-28

BLU Phones directory of files

Rhamnusia chat logs

We may have further information after we are able to speak to our client, but not sure when that will be at this point.

Hope this is helpful to you.

Kind regards,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Friday, September 24, 2021 10:16 AM  
**To:** Fuller, Christian  
**Cc:** Elizabeth Young; rasch@globalcyberlegal.com  
**Subject:** Re: Alfa Bank Subpoenas & Grand Jury Fees

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Thanks, Christian! Yes, open Monday afternoon from 1:30 p.m. on and open all day Tuesday. We look forward to speaking with you. Have a good weekend, yourself!  
Cheers,  
Jody

On Sep 24, 2021, at 9:14 AM, Fuller, Christian <christian.fuller@legal.gatech.edu> wrote:

Good Morning Jody:

We have received your message and will review. Are you and Mark available early next week for us to discuss further?

Thanks, and hope you both have a good weekend.

Christian

Jody R. Westby, Esq.  
Global Cyber Legal LLC  
Washington, DC 20007  
202 255-2700  
westby@globalcyberlegal.com

NOTICE: This message (including any attachments) may constitute an attorney-client communication and may contain information that is PRIVILEGED and CONFIDENTIAL and/or ATTORNEY WORK PRODUCT. If you are not an intended recipient, you are hereby notified that any dissemination of this message is strictly prohibited. If you have received this message in error, please do not read, copy or forward this message. Please permanently delete all copies and any attachments and notify the sender immediately by sending an e-mail to westby@globalcyberlegal.com.  
Thank you.

-----Original Message-----

From: Jody Westby <westby@globalcyberrisk.com>  
Sent: Thursday, September 23, 2021 8:57 PM  
To: Wasch, Kate <kate.wasch@legal.gatech.edu>; Fuller, Christian <christian.fuller@legal.gatech.edu>  
Cc: Nie, Ling-Ling <linglingnie@gatech.edu>; Mark D. Rasch <rasch@globalcyberlegal.com>; Mark Rasch <[REDACTED]>  
Subject: Alfa Bank Subpoenas & Grand Jury Fees

Dear Kate and Christian:



I assume you know that David Dagon was given full statutory immunity by the Special Counsel in its investigation. He has been cooperating and working with the Special Counsel's team and testified before the Grand Jury on three days. Therefore, we would like to resume conversations about payment of our fees. Christian had indicated a willingness on GT's side, so now that things are more certain it seems like a good time to revisit this issue.

Second, David has received a subpoena for testimony and documents from the Alfa Bank attorneys in the civil matter that they filed in FL. They also have filed in PA, but so far the subpoenas are coming out of the FL suit. We attach copies of these documents which were filed through a Georgia Court and have been served on Mr. Dagon yesterday. The response time for the documents is Oct 14 and the testimony is Oct 19. In the case of Indiana University Professor L. Jean Camp, outside counsel retained by the University for the purposes of quashing a similar subpoena was successful in quashing the subpoena on jurisdictional grounds. See, *Alfa-Bank v. Doe*, 2021 Ind. App. LEXIS 162, 171 N.E.3d 1018, *aff'd* 2021 Ind. App. LEXIS 193 (June 11, 2021).

Please let us know when you are available for a conversation.

Kind regards,  
Jody

Jody R. Westby, Esq.  
Global Cyber Legal LLC  
Washington, DC 20007  
202 255-2700  
westby@globalcyberlegal.com

NOTICE: This message (including any attachments) may constitute an attorney-client communication and may contain information that is PRIVILEGED and CONFIDENTIAL and/or ATTORNEY WORK PRODUCT. If you are not an intended recipient, you are hereby notified that any dissemination of this message is strictly prohibited. If you have received this message in error, please do not read, copy or forward this message. Please permanently delete all copies and any attachments and notify the sender immediately by sending an e-mail to westby@globalcyberlegal.com.  
Thank you.

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Monday, September 27, 2021 3:51 PM  
**To:** Fuller, Christian  
**Cc:** Elizabeth Young; rasch@globalcyberlegal.com  
**Subject:** Re: Alfa Bank Subpoenas & Grand Jury Fees

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Christian,  
Thanks. Tomorrow at 3:30 p.m. is good. I will send a Zoom link.  
Cheers,  
Jody

Jody R. Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
Washington, DC 20007  
202 255-2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

NOTICE: This message (including any attachments) may constitute an attorney-client communication and may contain information that is PRIVILEGED or CONFIDENTIAL and/or ATTORNEY WORK PRODUCT. If you are not an intended recipient, you are hereby notified that any dissemination of this message is strictly prohibited. If you have received this message in error, please do not read, copy or forward this message. Please permanently delete all copies and any attachments and notify the sender immediately by sending an e-mail to westby@globalcyberlegal.com.  
Thank you.

On Sep 27, 2021, at 3:27 PM, Fuller, Christian <christian.fuller@legal.gatech.edu> wrote:

Hi Jody:

Let's talk tomorrow afternoon if you are available. Can we aim for 30 minutes any time between 3:30pm and 5pm? I hopefully should have most of any morning 'fires' put out by then.

Hope you enjoyed your weekend.

Christian

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Friday, September 24, 2021 10:16 AM  
To: Fuller, Christian <christian.fuller@legal.gatech.edu>  
Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; rasch@globalcyberlegal.com  
Subject: Re: Alfa Bank Subpoenas & Grand Jury Fees

Thanks, Christian! Yes, open Monday afternoon from 1:30 p.m. on and open all day Tuesday. We look forward to speaking with you. Have a good weekend, yourself!

Cheers,  
Jody

On Sep 24, 2021, at 9:14 AM, Fuller, Christian <christian.fuller@legal.gatech.edu> wrote:

Good Morning Jody:

We have received your message and will review. Are you and Mark available early next week for us to discuss further?

Thanks, and hope you both have a good weekend.

Christian

Jody R. Westby, Esq.  
Global Cyber Legal LLC  
Washington, DC 20007  
202 255-2700  
westby@globalcyberlegal.com

NOTICE: This message (including any attachments) may constitute an attorney-client communication and may contain information that is PRIVILEGED and CONFIDENTIAL and/or ATTORNEY WORK PRODUCT. If you are not an intended recipient, you are hereby notified that any dissemination of this message is strictly prohibited. If you have received this message in error, please do not read, copy or forward this message. Please permanently delete all copies and any attachments and notify the sender immediately by sending an e-mail to westby@globalcyberlegal.com.  
Thank you.

-----Original Message-----

From: Jody Westby <westby@globalcyberrisk.com>  
Sent: Thursday, September 23, 2021 8:57 PM  
To: Wasch, Kate <kate.wasch@legal.gatech.edu>; Fuller, Christian <christian.fuller@legal.gatech.edu>  
Cc: Nie, Ling-Ling <linglingnie@gatech.edu>; Mark D. Rasch <rasch@globalcyberlegal.com>; Mark Rasch <[REDACTED]>  
Subject: Alfa Bank Subpoenas & Grand Jury Fees

Dear Kate and Christian:

I assume you know that David Dagon was given full statutory immunity by the Special Counsel in its investigation. He has been cooperating and working with the Special Counsel's team and testified before the Grand Jury on three days. Therefore, we would like to resume conversations about payment of our fees. Christian had indicated a willingness on GT's side, so now that things are more certain it seems like a good time to revisit this issue.

Second, David has received a subpoena for testimony and documents from the Alfa Bank attorneys in the civil matter that they filed in FL. They also have filed in PA, but so far the subpoenas are coming out of the FL suit. We attach copies of these documents which were filed through a Georgia Court and have been served on Mr. Dagon yesterday. The response time for the documents is Oct 14 and the testimony is Oct 19. In the case of Indiana University Professor L. Jean Camp, outside counsel retained by the University for the purposes of quashing a similar subpoena was successful in quashing the subpoena on jurisdictional grounds. See, Alfa-Bank v. Doe, 2021 Ind. App. LEXIS 162, 171 N.E.3d 1018, aff'd 2021 Ind. App. LEXIS 193 (June 11, 2021).

Please let us know when you are available for a conversation.

Kind regards,  
Jody

Jody R. Westby, Esq.  
Global Cyber Legal LLC  
Washington, DC 20007  
202 255-2700  
westby@globalcyberlegal.com

NOTICE: This message (including any attachments) may constitute an attorney-client communication and may contain information that is PRIVILEGED and CONFIDENTIAL and/or ATTORNEY WORK PRODUCT. If you are not an intended recipient, you are hereby notified that any dissemination of this message is strictly prohibited. If you have received this message in error, please do not read, copy or forward this message. Please permanently delete all copies and any attachments and notify the sender immediately by sending an e-mail to westby@globalcyberlegal.com.  
Thank you.

---

**From:** Elizabeth Young <eyoung@law.ga.gov>  
**Sent:** Wednesday, July 21, 2021 10:43 AM  
**To:** 'Jody R Westby'  
**Subject:** RE: Call Tomorrow (Special Counsel Investigation)

Hi Jody,

Just letting you know that I was still copied on this email so that you can take me off of any future correspondence you might not want to include me in. I'll delete and disregard. Look forward to speaking with you soon.

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Wednesday, July 21, 2021 10:31 AM  
To: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch <rasch@globalcyberlegal.com>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>  
Subject: Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Andrew,

I have removed Georgia Tech from this email. Please do not characterize our response as uncooperative; it is not. You are asking us to inappropriately get involved in Georgia Tech's production. It is unfortunate that the Special Counsel Team was not pursuing the documents they requested from Georgia Tech since the initial subpoena last fall. Please work out their production with them. As noted below, we are happy to assist them as necessary. As you may recall, I am teaching a course from 11 a.m. to noon and am in the Uniform Law Commission meeting from 2:30 to 4:00 p.m. Can we talk after 4 p.m., just us and your team? Would be happy to.

Thank you.

Kind regards,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 21, 2021, at 7:04 AM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:

Jody, It is unfortunate that you are not willing to join a call with Georgia Tech's counsel for purposes of efficiency and to avoid delaying compliance with federal subpoenas. Regardless, can we please speak at 11:30 AM with you and Mark? Beth, would you then be available for a separate call with our team at either 2:30 PM or 3:30 PM?

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Tuesday, July 20, 2021 11:23 PM  
To: DeFilippis, Andrew (USANYS) <ADeFilippis@usa.doj.gov>  
Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch <rasch@globalcyberlegal.com>; Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Keilty, Michael (USANYE) <MKeilty@usa.doj.gov>; Scarpelli, Anthony (USADC) <AScarpelli@usa.doj.gov>; Patel, Neeraj (USACT) <npatel2@usa.doj.gov>  
Subject: Re: Call Tomorrow (Special Counsel Investigation)

Dear Andrew:

We appreciate that you need the documents / data subject to the subpoenas to Georgia Tech. However, we are not a party to those subpoenas and have no knowledge of them. We are not the custodian of records for Georgia Tech, and our client is not the Principal Investigator on the DARPA contract or a professor of the College of Electrical Engineering. We have indicated that we do not believe that Mr. Dagon has any responsive Georgia Tech documents / data in his personal capacity. While our client may be helpful in pointing Georgia Tech to documents or data relevant to their subpoenas (if we are informed of their contents), responsibility for compliance lies with Georgia Tech. We respectfully request that the Special Counsel's team work with each party that it is seeking evidence from and not ask us to get in the middle. Georgia Tech needs to determine how it wants to respond to the subpoenas; we are more than happy to provide any assistance that would be useful to them.

We hope you understand that we are trying to be cooperative. We would be happy to have a call with you and your team separately if that would be helpful.

Best regards,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
<https://protect2.fireeye.com/v1/url?k=7211baee-2d8a821e-72169e0b-ac1f6b0176b0-2941286214a1b996&q=1&e=3db575fb-ac73-4426-bd1f-7b6d618c069d&u=http%3A%2F%2Fwww.globalcyberlegal.com%2F>

On Jul 20, 2021, at 10:24 PM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:

Good Evening Counsel for Georgia Tech and Counsel for David Dagon,

We hope all is well. Can you please let us know when you are available for a joint call tomorrow -- preferably at either 11:30 AM, 2:20 PM or 3:30 PM? We would like to discuss your clients' compliance with recently issued federal grand jury subpoenas. It is important that we have this call to ensure timely and comprehensive compliance with the subpoenas. Thanks very much.

The Special Counsel Team

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Wednesday, July 21, 2021 10:31 AM  
**To:** DeFilippis, Andrew (USANYS)  
**Cc:** Elizabeth Young; Mark Rasch; Eckenrode, John (JMD); Aldenberg, William B. (NH) (FBI); Fuhrman, Tim (JMD); Keilty, Michael (USANYE); Scarpelli, Anthony (USADC); Patel, Neeraj (USACT)  
**Subject:** Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Andrew,

I have removed Georgia Tech from this email. Please do not characterize our response as uncooperative; it is not. You are asking us to inappropriately get involved in Georgia Tech's production. It is unfortunate that the Special Counsel Team was not pursuing the documents they requested from Georgia Tech since the initial subpoena last fall. Please work out their production with them. As noted below, we are happy to assist them as necessary. As you may recall, I am teaching a course from 11 a.m. to noon and am in the Uniform Law Commission meeting from 2:30 to 4:00 p.m. Can we talk after 4 p.m., just us and your team? Would be happy to.

Thank you.

Kind regards,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 21, 2021, at 7:04 AM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:

Jody, It is unfortunate that you are not willing to join a call with Georgia Tech's counsel for purposes of efficiency and to avoid delaying compliance with federal subpoenas. Regardless, can we please speak at 11:30 AM with you and Mark? Beth, would you then be available for a separate call with our team at either 2:30 PM or 3:30 PM?

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Tuesday, July 20, 2021 11:23 PM  
To: DeFilippis, Andrew (USANYS) <ADeFilippis@usa.doj.gov>  
Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch <rasch@globalcyberlegal.com>; Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD)



<Tim.Fuhrman@usdoj.gov>; Keilty, Michael (USANYE) <MKeilty@usa.doj.gov>; Scarpelli, Anthony (USADC) <AScarpelli@usa.doj.gov>; Patel, Neeraj (USACT) <npatel2@usa.doj.gov>  
Subject: Re: Call Tomorrow (Special Counsel Investigation)

Dear Andrew:

We appreciate that you need the documents / data subject to the subpoenas to Georgia Tech. However, we are not a party to those subpoenas and have no knowledge of them. We are not the custodian of records for Georgia Tech, and our client is not the Principal Investigator on the DARPA contract or a professor of the College of Electrical Engineering. We have indicated that we do not believe that Mr. Dagon has any responsive Georgia Tech documents / data in his personal capacity. While our client may be helpful in pointing Georgia Tech to documents or data relevant to their subpoenas (if we are informed of their contents), responsibility for compliance lies with Georgia Tech. We respectfully request that the Special Counsel's team work with each party that it is seeking evidence from and not ask us to get in the middle. Georgia Tech needs to determine how it wants to respond to the subpoenas; we are more than happy to provide any assistance that would be useful to them.

We hope you understand that we are trying to be cooperative. We would be happy to have a call with you and your team separately if that would be helpful.

Best regards,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
<https://protect2.fireeye.com/v1/url?k=7211baee-2d8a821e-72169e0b-ac1f6b0176b0-2941286214a1b996&q=1&e=3db575fb-ac73-4426-bd1f-7b6d618c069d&u=http%3A%2F%2Fwww.globalcyberlegal.com%2F>

On Jul 20, 2021, at 10:24 PM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:

Good Evening Counsel for Georgia Tech and Counsel for David Dagon,

We hope all is well. Can you please let us know when you are available for a joint call tomorrow -- preferably at either 11:30 AM, 2:20 PM or 3:30 PM? We would like to discuss your clients' compliance with recently issued federal grand jury subpoenas. It is important that we have this call to ensure timely and comprehensive compliance with the subpoenas. Thanks very much.

The Special Counsel Team

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Tuesday, July 20, 2021 11:23 PM  
**To:** DeFilippis, Andrew (USANYS)  
**Cc:** Elizabeth Young; Mark Rasch; Fuller, Christian; Wasch, Kate; Eckenrode, John (JMD); Aldenberg, William B. (NH) (FBI); Fuhrman, Tim (JMD); Keilty, Michael (USANYE); Scarpelli, Anthony (USADC); Patel, Neeraj (USACT)  
**Subject:** Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Andrew:

We appreciate that you need the documents / data subject to the subpoenas to Georgia Tech. However, we are not a party to those subpoenas and have no knowledge of them. We are not the custodian of records for Georgia Tech, and our client is not the Principal Investigator on the DARPA contract or a professor of the College of Electrical Engineering. We have indicated that we do not believe that Mr. Dagon has any responsive Georgia Tech documents / data in his personal capacity. While our client may be helpful in pointing Georgia Tech to documents or data relevant to their subpoenas (if we are informed of their contents), responsibility for compliance lies with Georgia Tech. We respectfully request that the Special Counsel's team work with each party that it is seeking evidence from and not ask us to get in the middle. Georgia Tech needs to determine how it wants to respond to the subpoenas; we are more than happy to provide any assistance that would be useful to them.

We hope you understand that we are trying to be cooperative. We would be happy to have a call with you and your team separately if that would be helpful.

Best regards,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 20, 2021, at 10:24 PM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:

Good Evening Counsel for Georgia Tech and Counsel for David Dagon,

We hope all is well. Can you please let us know when you are available for a joint call tomorrow -- preferably at either 11:30 AM, 2:20 PM or 3:30 PM? We would like to discuss your clients' compliance with recently issued federal grand jury subpoenas. It is important that we have this call to ensure timely and comprehensive compliance with the subpoenas. Thanks very much.

The Special Counsel Team

---

**From:** Elizabeth Young <eyoung@law.ga.gov>  
**Sent:** Wednesday, July 21, 2021 11:02 AM  
**To:** 'Jody R Westby'  
**Subject:** RE: Call Tomorrow (Special Counsel Investigation)

I understand; thanks.

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Wednesday, July 21, 2021 10:58 AM  
**To:** Elizabeth Young <EYoung@LAW.GA.GOV>  
**Subject:** Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi, Elizabeth. That is fine. I just wanted them to communicate directly with you all on this production.

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 21, 2021, at 10:42 AM, Elizabeth Young <EYoung@LAW.GA.GOV> wrote:

Hi Jody,

Just letting you know that I was still copied on this email so that you can take me off of any future correspondence you might not want to include me in. I'll delete and disregard. Look forward to speaking with you soon.

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Wednesday, July 21, 2021 10:31 AM  
To: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch <rasch@globalcyberlegal.com>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>  
Subject: Re: Call Tomorrow (Special Counsel Investigation)

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Andrew,

I have removed Georgia Tech from this email. Please do not characterize our response as uncooperative; it is not. You are asking us to inappropriately get involved in Georgia Tech's production. It is unfortunate that the Special Counsel Team was not pursuing the documents they requested from Georgia Tech since the initial subpoena last fall. Please work out their production with them. As noted below, we are happy to assist them as necessary. As you may recall, I am teaching a course from 11 a.m. to noon and am in the Uniform Law Commission meeting from 2:30 to 4:00 p.m. Can we talk after 4 p.m., just us and your team? Would be happy to.

Thank you.

Kind regards,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 21, 2021, at 7:04 AM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:

Jody, It is unfortunate that you are not willing to join a call with Georgia Tech's counsel for purposes of efficiency and to avoid delaying compliance with federal subpoenas. Regardless, can we please speak at 11:30 AM with you and Mark? Beth, would you then be available for a separate call with our team at either 2:30 PM or 3:30 PM?

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>

Sent: Tuesday, July 20, 2021 11:23 PM

To: DeFilippis, Andrew (USANYS) <ADeFilippis@usa.doj.gov>

Cc: Elizabeth Young <EYoung@LAW.GA.GOV>; Mark Rasch <rasch@globalcyberlegal.com>; Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>; Keilty, Michael (USANYE) <MKeilty@usa.doj.gov>; Scarpelli, Anthony (USADC) <AScarpelli@usa.doj.gov>; Patel, Neeraj (USACT) <npatel2@usa.doj.gov>

Subject: Re: Call Tomorrow (Special Counsel Investigation)

Dear Andrew:

We appreciate that you need the documents / data subject to the subpoenas to Georgia Tech. However, we are not a party to those subpoenas and have no knowledge of them. We are not the custodian of records for Georgia Tech, and our client is not the Principal Investigator on the DARPA contract or a professor of the College of Electrical Engineering. We have indicated that we do not believe that Mr. Dagon has any responsive Georgia Tech documents / data in his personal capacity. While our client may be helpful in pointing Georgia Tech to documents or data relevant to their subpoenas (if we are informed of their contents), responsibility for compliance lies with Georgia Tech. We respectfully request that the Special Counsel's team work with each party that it is seeking evidence from and not ask us to get in the middle. Georgia Tech needs to determine how it wants to respond to the subpoenas; we are more than happy to provide any assistance that would be useful to them.

We hope you understand that we are trying to be cooperative. We would be happy to have a call with you and your team separately if that would be helpful.

Best regards,

Jody

Jody R Westby, Esq.

Managing Principal

Global Cyber Legal LLC

+1.202.255.2700

westby@globalcyberlegal.com

<https://protect2.fireeye.com/v1/url?k=7211baee-2d8a821e-72169e0b-ac1f6b0176b0-2941286214a1b996&q=1&e=3db575fb-ac73-4426-bd1f-7b6d618c069d&u=http%3A%2F%2Fwww.globalcyberlegal.com%2F>

On Jul 20, 2021, at 10:24 PM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:

Good Evening Counsel for Georgia Tech and Counsel for David Dagon,

We hope all is well. Can you please let us know when you are available for a joint call tomorrow -- preferably at either 11:30 AM, 2:20 PM or 3:30 PM? We would like to discuss your clients' compliance with recently issued federal grand jury subpoenas. It is important that we have this call to ensure timely and comprehensive compliance with the subpoenas. Thanks very much.

The Special Counsel Team



---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Thursday, October 7, 2021 4:58 PM  
**To:** Fuller, Christian  
**Cc:** Elizabeth Young  
**Subject:** Re: Dagon Representation  
**Attachments:** DAGON - ALFA Letter of Assertion of Fifth.pdf; attachment.txt

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi, Christian! I thought we agreed on the call that we would represent him. Attached is the letter we sent. My apologies, I should have sent you the copy immediately. No word back yet. We have also lined up local counsel and have the pro hac vice application. I am also preparing the accounting of fees to send you and will have that to you tomorrow.

Thank you.

Cheers,  
Jody

Jody R. Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
Washington, DC 20007  
202 255-2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

NOTICE: This message (including any attachments) may constitute an attorney-client communication and may contain information that is PRIVILEGED or CONFIDENTIAL and/or ATTORNEY WORK PRODUCT. If you are not an intended recipient, you are hereby notified that any dissemination of this message is strictly prohibited. If you have received this message in error, please do not read, copy or forward this message. Please permanently delete all copies and any attachments and notify the sender immediately by sending an e-mail to westby@globalcyberlegal.com.

Thank you.

**GLOBAL CYBER LEGAL LLC**

4501 Foxhall Crescents NW  
Washington, DC 20007

---

Phone: + 1.202.255.2700

Fax: +1.202.337-0063

October 5, 2021

Terrance Anderson, Jr.  
Nelson Mullins Riley & Scarborough, LLP  
Lynn Financial Center  
1905 NW Corporate Blvd,  
Boca Raton, FL 33431  
[twanderson@nelsonmullins.com](mailto:twanderson@nelsonmullins.com)

Jonathan Etra  
Nelson, Mullins Riley & Scarborough, LLP  
2 South Biscayne Blvd., 21<sup>st</sup> Floor  
Miami, Florida 33131  
[Jonathan.etra@nelsonmullins.com](mailto:Jonathan.etra@nelsonmullins.com)

Margaret E. Krawiec  
Michael A. McIntosh  
Skadden, Arps, Slate, Meagher & Flom, LLP  
1440 New York Avenue, NW  
Washington, D.C. 20005  
[Margaret.krawiec@skadden.com](mailto:Margaret.krawiec@skadden.com)  
[Michael.mcintosh@skadden.com](mailto:Michael.mcintosh@skadden.com)

Re: Subpoena to David Dagon

Dear Counsel:

We represent David Dagon in connection with your subpoena duces tecum and deposition demand in *AO Alfa Bank v. Doe*, pending in the 15th Judicial Circuit of Florida; Civil Action No. 50-2020-CA-006304-XXXX-MB.

Please be advised that, in light of the actions of the Durham Office of Special Counsel (OSC) and associated grand jury in *United States v. Sussmann*, Dkt. No. 1:21-cr-00582-CRC-1 (D.D.C., September 16, 2021), and the substantial overlap between the issues presented in that case and those in the John Doe civil action, it is Mr. Dagon's intention to assert his rights under both the Fifth Amendment to the U.S. Constitution, as well as Art. I, Sec. I, Par. XVI of the Georgia Constitution OCGA § 24-9-27(a) to refuse to answer each and every question you might pose to him in connection with this matter.



Based on the congruence between the allegations in your Complaint and those in the Indictment, there is a substantial likelihood that Mr. Dagon's truthful answer to any questions posed would implicate his Constitutional and statutory rights.: Similarly, with respect to your subpoena duces tecum issued to Mr. Dagon, he asserts his "act of production" privilege to refuse to produce the described documents where the questions of ownership, existence, possession, custody, control or knowledge of such documents are not a foregone conclusion. *See, e.g., United States v. Hubbell*, 530 U.S. 27, 35-36 (2000); *Dempsey v. Kaminski Jewelry, Inc.*, 278 Ga. App. 814, 817, 630 S.E.2d 77, 81, 2006 Ga. App. LEXIS 367, \*8-9, 2006 Fulton County D. Rep. 1068.

The assertion of the applicable privilege is in addition to our position that the subpoena both for the deposition and for documents is unreasonable and oppressive; that the testimony, documents, or objects sought are irrelevant, immaterial, or cumulative; that the subpoena is unnecessary to Alfa Bank's preparation and presentation of its position in the underlying matter, that basic fairness dictates that the subpoena should not be enforced, and that the subpoena is designed to improperly unmask speakers whose activities are protected by the First Amendment right to anonymous political speech. This is also in addition to claims we may make with respect to the jurisdiction of the court, the manner of issuance and service of the subpoena, and other issues which we may raise.

In light of these representations, please let us know if you intend to insist that Mr. Dagon appear, during a pandemic, to assert his Constitutional rights, or whether, pursuant to O.C.G.A. § 9-11-37 (2) and (4)(A) we will be required to seek a protective order as provided by O.C.G.A. § 9-11-26 (c) on the ground that, inter alia, insisting that Mr. Dagon present himself to assert his bona fide privilege serves no legitimate or lawful purpose, and only serves to promote annoyance, embarrassment, oppression, or undue burden or expense. In the event that we are required to seek such a protective order, it is our intention to seek our reasonable expenses and attorney's fees in connection with the motion as provided by O.C.G.A. § 9-11-37 (4)(A).

Mr. Dagon will not produce, and will not appear unless we hear from you.

Yours truly,



Mark D. Rasch, Esq.  
Admitted in NY MA MD



Jody R. Westby, Esq.  
Admitted in DC, PA, CO

cc: Kate Wasch, Esq., Georgia Institute of Technology  
David Dagon

---

**From:** Elizabeth Young <eyoung@law.ga.gov>  
**Sent:** Wednesday, July 21, 2021 11:00 AM  
**To:** 'Jody R. Westby'  
**Subject:** RE: DARPA

Works for me. Thanks.

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

**From:** Jody R. Westby <westby@globalcyberlegal.com>  
**Sent:** Wednesday, July 21, 2021 10:57 AM  
**To:** Elizabeth Young <EYoung@LAW.GA.GOV>  
**Subject:** Re: DARPA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

That is fine. Thank you. I can send you a zoom link.

Sent from my iPhone  
Jody Westby, 202.255.2700

On Jul 21, 2021, at 10:52 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

Thanks; I'll plan to give you a call around 1:00. Look forward to talking with you.

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW

Atlanta, Georgia 30334

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>

Sent: Wednesday, July 21, 2021 10:39 AM

To: Elizabeth Young <EYoung@LAW.GA.GOV>

Cc: christian.fuller@legal.gatech.edu; Mark Rasch <rasch@globalcyberlegal.com>; Mark Rasch <[REDACTED]>

Subject: Re: DARPA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Elizabeth,

Thank you for your note. Georgia Tech needs to work out its production with the Special Counsel and if they need assistance, let us know. We are happy to assist, if necessary. We are available for a call between noon and 2:30 p.m. (have hard stop at 2:30 or after 4:00 p.m.)

Thank you,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 21, 2021, at 8:00 AM, Elizabeth Young <EYoung@LAW.GA.GOV> wrote:

Ms. Wesby,

It seems I may have inadvertently created a misunderstanding in my correspondence with Special Counsel's office, especially by my references to "employees" that may have appeared to include your client. Georgia Tech had received a request to authorize the release of documents, and at the time I thought that request had come jointly from your client and Dr. Antonakasis. I'm now aware that this was incorrect and apologize for the confusion. I have only been involved in this matter for a few days and while I'm doing my best to get acclimated, there has been a lot to process in a very short time.

I did not mean to suggest that Georgia Tech was directing your client to produce anything directly to the Special Counsel's office or to take on any obligations that rightfully belong to Georgia Tech. And it is certainly not Georgia Tech's intent to place your client in an untenable position. To the extent that my imprecise language may have suggested otherwise, please accept my apologies.

Would you be available for a quick call sometime today so that I can get better acquainted and discuss how to manage any issues that might need your client's logistical assistance in terms of things such as locating where responsive documents/files might be stored on Georgia Tech computers or servers? I'd be happy to give you a call at your convenience.

Best regards,  
Beth Young

<image001.jpg>

<image002.png>

<image003.png>

Elizabeth (Beth) Young

Assistant Attorney General

Office of the Attorney General Chris Carr Government Services & Employment

(404) 458-3425

eyoung@law.ga.gov

Georgia Department of Law

40 Capitol Square SW

Atlanta, Georgia 30334

From: Jody R Westby <westby@globalcyberlegal.com>

Sent: Tuesday, July 20, 2021 7:01 PM

To: christian.fuller@legal.gatech.edu

Cc: Elizabeth Young <EYoung@LAW.GA.GOV>

Subject: Fwd: DARPA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Christian,

My apologies, my email auto-filled the name on the note below to a friend who works at Aon. I have contacted him and asked him to ignore and delete the note and confirm. Please see note below that was meant for you.

Kind regards,

Jody

Jody R Westby, Esq.

Managing Principal

Global Cyber Legal LLC

+1.202.255.2700

westby@globalcyberlegal.com

www.globalcyberlegal.com

Begin forwarded message:

From: Jody R Westby <westby@globalcyberlegal.com>

Subject: DARPA

Date: July 20, 2021 at 6:22:14 PM EDT

To: Christian Hoffman <christian.hoffman@aon.com>

Cc: eyoung@law.ga.gov, Mark Rasch <rasch@globalcyberlegal.com>, Mark Rasch <[REDACTED]>

Dear Christian,

Thank you for your call today and forwarding the communications below. Please be advised that, despite your authorization, Mr. Dagon will not provide to the Special Counsel or "release any unclassified, DARPA-related records that are considered Georgia Tech's property, pursuant to the DOJ investigative subpoena." Global Cyber Legal and Mr.

Dagon will not be responsible for Georgia Tech's response to these criminal grand jury subpoenas; Georgia Tech is solely responsible for responding to these subpoenas.

We have never seen the first subpoena Georgia Tech produced or your production; nor have we seen this second subpoena. Although Georgia Tech agreed to an informal joint defense agreement, after we produced our subpoena and relevant documents, Georgia Tech pulled back from that and refused to share any information, including providing a copy of the relevant DARPA contract (Kate provided the wrong one earlier but refused to provide the Enhanced Attribution contract). We are also not privy to your discussions with the Special Counsel office. I am sure you can understand that this puts us in an untenable position. If you need any assistance from Mr. Dagon, please let us know. Kind regards,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

----- Forwarded message -----

From: Fuller, Christian <christian.fuller@legal.gatech.edu>  
Date: Tue, Jul 20, 2021 at 3:18 PM  
Subject: RE: DARPA  
To: [REDACTED] >  
Cc: Elizabeth Young <EYoung@law.ga.gov>

Jody—

DARPA's general counsel forwarded this response to Georgia Tech (see below). Based on the response, Georgia Tech can give authorization for David to release any unclassified, DARPA-related records that are considered Georgia Tech's property, pursuant to the DOJ investigative subpoena. My understanding is that David does not have any classified documents; however, if there are any classified documents, follow up with Mr. Darin Smith (as instructed below) before any exchange with DOJ.

If there are any questions or concerns, please feel free to reach out.

Thanks,

Christian Fuller  
Senior Counsel, Employment & Litigation  
Georgia Institute of Technology  
Phone: 404-403-8204  
christian.fuller@legal.gatech.edu

From: Lopes, Crane <Crane.Lopes@darpa.mil>  
Sent: Tuesday, July 20, 2021 2:16 PM  
To: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>; Elizabeth Young <EYoung@LAW.GA.GOV>

Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Nie, Ling-Ling <linglingnie@gatech.edu>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam M. (CyD) (FBI) <ammaddock@fbi.gov>; James, Ryan Joseph (INSD) (FBI) <rjjames@fbi.gov>; Bennett, Wes <wes.bennett@darpa.mil>; Smith, Darin <Darin.Smith@darpa.mil>  
Subject: RE: DARPA

Ms. Young:


Thank you for your diligence in protecting DARPA-related records and other documents from unauthorized use or disclosure.

I have discussed this matter with Wes Bennett, the Director of the DARPA Contracts Management Office. Mr. Bennett is info-copied on this message. We request that you cooperate with the Department of Justice (DoJ) by immediately providing them with all DARPA-related unclassified documents and records in your possession and that are requested by their subpoena.

If DoJ has requested DARPA-related classified documents and records in your possession, release should be coordinated with Mr. Darin Smith, DARPA Security & Intelligence Directorate. Mr. Smith is info-copied on this message.

Please contact me if I can assist you.

Crane Lopes, Ph.D.  
General Counsel  
DARPA

Off | 571.218.4887   
Mob | 571.239.5084

<image004.jpg>Creating BREAKTHROUGH TECHNOLOGIES For National Security

From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
Sent: Tuesday, July 20, 2021 10:51 AM  
To: Elizabeth Young <EYoung@LAW.GA.GOV>  
Cc: 'Fuller, Christian' <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Ling-Ling Nie (linglingnie@gatech.edu) <linglingnie@gatech.edu>; Lopes, Crane <Crane.Lopes@darpa.mil>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam M. (CyD) (FBI) <ammaddock@fbi.gov>; James, Ryan Joseph (INSD) (FBI) <rjjames@fbi.gov>  
Subject: DARPA

Ms. Young,

Thank you very much for our call earlier today. On that call, you requested that we provide assurance that the Defense Advanced Research Projects Agency (DARPA) has no objection to Georgia Tech's providing documents and other records in response to our federal grand jury subpoena that relate to a contract between Georgia Tech and DARPA. I am copying

Crane Lopes, General Counsel of DARPA. Mr. Lopes and DARPA have been fully cooperative with and supportive of our investigative efforts. On a phone call that occurred a few minutes ago, Mr. Lopes has assured me again that DARPA has no objections to Georgia Tech's provision of any records or information (both classified and unclassified) to our team and to the grand jury.

As noted, federal law requires you to provide such records regardless of any potentially applicable contractual restrictions.

Please let me know if you have any questions. We would appreciate if you could also please confirm that you consent to the two Georgia Tech employees we discussed providing responsive records that they have identified. Thank you.

Andrew J. DeFilippis  
Assistant Special Counsel  
U.S. Department of Justice  
(646) 530-0087  
<image005.jpg>

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Wednesday, July 21, 2021 10:39 AM  
**To:** Elizabeth Young  
**Cc:** christian.fuller@legal.gatech.edu; Mark Rasch; Mark Rasch  
**Subject:** Re: DARPA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Elizabeth,

Thank you for your note. Georgia Tech needs to work out its production with the Special Counsel and if they need assistance, let us know. We are happy to assist, if necessary. We are available for a call between noon and 2:30 p.m. (have hard stop at 2:30 or after 4:00 p.m.)

Thank you,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 21, 2021, at 8:00 AM, Elizabeth Young <EYoung@LAW.GA.GOV> wrote:

Ms. Wesby,

It seems I may have inadvertently created a misunderstanding in my correspondence with Special Counsel's office, especially by my references to "employees" that may have appeared to include your client. Georgia Tech had received a request to authorize the release of documents, and at the time I thought that request had come jointly from your client and Dr. Antonakasis. I'm now aware that this was incorrect and apologize for the confusion. I have only been involved in this matter for a few days and while I'm doing my best to get acclimated, there has been a lot to process in a very short time.

I did not mean to suggest that Georgia Tech was directing your client to produce anything directly to the Special Counsel's office or to take on any obligations that rightfully belong to Georgia Tech. And it is certainly not Georgia Tech's intent to place your client in an untenable position. To the extent that my imprecise language may have suggested otherwise, please accept my apologies.

Would you be available for a quick call sometime today so that I can get better acquainted and discuss how to manage any issues that might need your client's logistical assistance in terms of things such as locating where responsive documents/files might be stored on Georgia Tech computers or servers? I'd be happy to give you a call at your convenience.

Best regards,



Beth Young

<image001.jpg>

<image002.png>

<image003.png>

Elizabeth (Beth) Young

Assistant Attorney General

Office of the Attorney General Chris Carr Government Services & Employment

(404) 458-3425

eyoung@law.ga.gov

Georgia Department of Law

40 Capitol Square SW

Atlanta, Georgia 30334

From: Jody R Westby <westby@globalcyberlegal.com>

Sent: Tuesday, July 20, 2021 7:01 PM

To: christian.fuller@legal.gatech.edu

Cc: Elizabeth Young <EYoung@LAW.GA.GOV>

Subject: Fwd: DARPA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Christian,

My apologies, my email auto-filled the name on the note below to a friend who works at Aon. I have contacted him and asked him to ignore and delete the note and confirm. Please see note below that was meant for you.

Kind regards,

Jody

Jody R Westby, Esq.

Managing Principal

Global Cyber Legal LLC

+1.202.255.2700

westby@globalcyberlegal.com

www.globalcyberlegal.com

Begin forwarded message:

From: Jody R Westby <westby@globalcyberlegal.com>

Subject: DARPA

Date: July 20, 2021 at 6:22:14 PM EDT

To: Christian Hoffman <christian.hoffman@aon.com>

Cc: eyoung@law.ga.gov, Mark Rasch <rasch@globalcyberlegal.com>, Mark Rasch [REDACTED].com>

Dear Christian,

Thank you for your call today and forwarding the communications below. Please be advised that, despite your authorization, Mr. Dagon will not provide to the Special Counsel or "release any unclassified, DARPA-related records that are considered Georgia Tech's property, pursuant to the DOJ investigative subpoena." Global Cyber Legal and Mr. Dagon will not be responsible for Georgia Tech's response to these criminal grand jury subpoenas; Georgia Tech is solely responsible for responding to these subpoenas.

We have never seen the first subpoena Georgia Tech produced or your production; nor have we seen this second subpoena. Although Georgia Tech agreed to an informal joint defense agreement, after we produced our subpoena and relevant documents, Georgia Tech pulled back from that and refused to share any information, including providing a copy of the relevant DARPA contract (Kate provided the wrong one earlier but refused to provide the Enhanced Attribution contract). We are also not privy to your discussions with the Special Counsel office. I am sure you can understand that this puts us in an untenable position. If you need any assistance from Mr. Dagon, please let us know. Kind regards,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

----- Forwarded message -----

From: Fuller, Christian <christian.fuller@legal.gatech.edu>  
Date: Tue, Jul 20, 2021 at 3:18 PM  
Subject: RE: DARPA  
To: [REDACTED] >  
Cc: Elizabeth Young <EYoung@law.ga.gov>

Jody—

DARPA's general counsel forwarded this response to Georgia Tech (see below). Based on the response, Georgia Tech can give authorization for David to release any unclassified, DARPA-related records that are considered Georgia Tech's property, pursuant to the DOJ investigative subpoena. My understanding is that David does not have any classified documents; however, if there are any classified documents, follow up with Mr. Darin Smith (as instructed below) before any exchange with DOJ.

If there are any questions or concerns, please feel free to reach out.

Thanks,

Christian Fuller  
Senior Counsel, Employment & Litigation  
Georgia Institute of Technology  
Phone: 404-403-8204  
christian.fuller@legal.gatech.edu

From: Lopes, Crane <Crane.Lopes@darpa.mil>  
Sent: Tuesday, July 20, 2021 2:16 PM  
To: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>; Elizabeth Young <EYoung@LAW.GA.GOV>  
Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Nie, Ling-Ling <linglingnie@gatech.edu>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT)

<Neeraj.Patel@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam M. (CyD) (FBI) <ammaddock@fbi.gov>; James, Ryan Joseph (INSD) (FBI) <rjjames@fbi.gov>; Bennett, Wes <wes.bennett@darpa.mil>; Smith, Darin <Darin.Smith@darpa.mil>  
Subject: RE: DARPA

Ms. Young:

Thank you for your diligence in protecting DARPA-related records and other documents from unauthorized use or disclosure.

I have discussed this matter with Wes Bennett, the Director of the DARPA Contracts Management Office. Mr. Bennett is info-copied on this message. We request that you cooperate with the Department of Justice (DoJ) by immediately providing them with all DARPA-related unclassified documents and records in your possession and that are requested by their subpoena.

If DoJ has requested DARPA-related classified documents and records in your possession, release should be coordinated with Mr. Darin Smith, DARPA Security & Intelligence Directorate. Mr. Smith is info-copied on this message.

Please contact me if I can assist you.

Crane Lopes, Ph.D.  
General Counsel  
DARPA  
Off | 571.218.4887 📞  
Mob | 571.239.5084

<image004.jpg>Creating BREAKTHROUGH TECHNOLOGIES For National Security

From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>  
Sent: Tuesday, July 20, 2021 10:51 AM  
To: Elizabeth Young <EYoung@LAW.GA.GOV>  
Cc: 'Fuller, Christian' <christian.fuller@legal.gatech.edu>; Wasch, Kate <kate.wasch@legal.gatech.edu>; Ling-Ling Nie (linglingnie@gatech.edu) <linglingnie@gatech.edu>; Lopes, Crane <Crane.Lopes@darpa.mil>; Keilty, Michael (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT) <Neeraj.Patel@usdoj.gov>; Scarpelli, Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam M. (CyD) (FBI) <ammaddock@fbi.gov>; James, Ryan Joseph (INSD) (FBI) <rjjames@fbi.gov>  
Subject: DARPA

Ms. Young,

Thank you very much for our call earlier today. On that call, you requested that we provide assurance that the Defense Advanced Research Projects Agency (DARPA) has no objection to Georgia Tech's providing documents and other records in response to our federal grand jury subpoena that relate to a contract between Georgia Tech and DARPA. I am copying Crane Lopes, General Counsel of DARPA. Mr. Lopes and DARPA have been fully cooperative with and supportive of our investigative efforts. On a phone call that occurred a few minutes ago, Mr. Lopes has assured me again that DARPA has

no objections to Georgia Tech's provision of any records or information (both classified and unclassified) to our team and to the grand jury.

As noted, federal law requires you to provide such records regardless of any potentially applicable contractual restrictions.

Please let me know if you have any questions. We would appreciate if you could also please confirm that you consent to the two Georgia Tech employees we discussed providing responsive records that they have identified. Thank you.

Andrew J. DeFilippis  
Assistant Special Counsel  
U.S. Department of Justice  
(646) 530-0087  
<image005.jpg>

---

**From:** MicrosoftExchange329e71ec88ae4615bbc36ab6ce41109e@LAW.GA.GOV on behalf of Elizabeth Young <EYoung@LAW.GA.GOV>  
**Sent:** Wednesday, July 21, 2021 8:00 AM  
**To:** 'Jody R Westby'; christian.fuller@legal.gatech.edu  
**Subject:** RE: DARPA  
**Attachments:** RE: DARPA

Sender: EYoung@LAW.GA.GOV  
Subject: RE: DARPA  
Message-Id: <f09255fc7f7144d98cfc87ecf1f74e58@LAW.GA.GOV>  
To: westby@globalcyberlegal.com  
To: christian.fuller@legal.gatech.edu

---

**From:** Elizabeth Young <EYoung@LAW.GA.GOV>  
**Sent:** Wednesday, July 21, 2021 8:00 AM  
**To:** 'Jody R Westby'; christian.fuller@legal.gatech.edu  
**Subject:** RE: DARPA

Ms. Wesby,

It seems I may have inadvertently created a misunderstanding in my correspondence with Special Counsel's office, especially by my references to "employees" that may have appeared to include your client. Georgia Tech had received a request to authorize the release of documents, and at the time I thought that request had come jointly from your client and Dr. Antonakasis. I'm now aware that this was incorrect and apologize for the confusion. I have only been involved in this matter for a few days and while I'm doing my best to get acclimated, there has been a lot to process in a very short time.

I did not mean to suggest that Georgia Tech was directing your client to produce anything directly to the Special Counsel's office or to take on any obligations that rightfully belong to Georgia Tech. And it is certainly not Georgia Tech's intent to place your client in an untenable position. To the extent that my imprecise language may have suggested otherwise, please accept my apologies.

Would you be available for a quick call sometime today so that I can get better acquainted and discuss how to manage any issues that might need your client's logistical assistance in terms of things such as locating where responsive documents/files might be stored on Georgia Tech computers or servers? I'd be happy to give you a call at your convenience.

Best regards,  
Beth Young



**Elizabeth (Beth) Young**  
Assistant Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Tuesday, July 20, 2021 7:01 PM  
**To:** christian.fuller@legal.gatech.edu  
**Cc:** Elizabeth Young <EYoung@LAW.GA.GOV>  
**Subject:** Fwd: DARPA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Christian,

My apologies, my email auto-filled the name on the note below to a friend who works at Aon. I have contacted him and asked him to ignore and delete the note and confirm. Please see note below that was meant for you.

Kind regards,

Jody

Jody R Westby, Esq.

Managing Principal

Global Cyber Legal LLC

+1.202.255.2700

[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)

[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

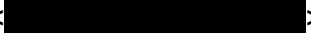
Begin forwarded message:

**From:** Jody R Westby <[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)>

**Subject:** DARPA

**Date:** July 20, 2021 at 6:22:14 PM EDT

**To:** Christian Hoffman <[christian.hoffman@aon.com](mailto:christian.hoffman@aon.com)>

**Cc:** [eyoung@law.ga.gov](mailto:eyoung@law.ga.gov), Mark Rasch <[rasch@globalcyberlegal.com](mailto:rasch@globalcyberlegal.com)>, Mark Rasch < >

Dear Christian,

Thank you for your call today and forwarding the communications below. Please be advised that, despite your authorization, Mr. Dagon will not provide to the Special Counsel or "release any unclassified, DARPA-related records that are considered Georgia Tech's property, pursuant to the DOJ investigative subpoena." Global Cyber Legal and Mr. Dagon will not be responsible for Georgia Tech's response to these criminal grand jury subpoenas; Georgia Tech is solely responsible for responding to these subpoenas.

We have never seen the first subpoena Georgia Tech produced or your production; nor have we seen this second subpoena. Although Georgia Tech agreed to an informal joint defense agreement, after we produced our subpoena and relevant documents, Georgia Tech pulled back from that and refused to share any information, including providing a copy of the relevant DARPA contract (Kate provided the wrong one earlier but refused to provide the Enhanced Attribution contract). We are also not privy to your discussions with the Special Counsel office. I am sure you can understand that this puts us in an untenable position. If you need any assistance from Mr. Dagon, please let us know.

Kind regards,

Jody

Jody R Westby, Esq.

Managing Principal

Global Cyber Legal LLC

+1.202.255.2700

[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)

[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

----- Forwarded message -----

**From:** Fuller, Christian <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>

**Date:** Tue, Jul 20, 2021 at 3:18 PM

Subject: RE: DARPA

To: [REDACTED] >

Cc: Elizabeth Young <[EYoung@law.ga.gov](mailto:EYoung@law.ga.gov)>

Jody—

DARPA's general counsel forwarded this response to Georgia Tech (see below). Based on the response, Georgia Tech can give authorization for David to release any unclassified, DARPA-related records that are considered Georgia Tech's property, pursuant to the DOJ investigative subpoena. My understanding is that David does not have any classified documents; however, if there are any classified documents, follow up with Mr. Darin Smith (as instructed below) before any exchange with DOJ.

If there are any questions or concerns, please feel free to reach out.

Thanks,

**Christian Fuller**

Senior Counsel, Employment & Litigation

Georgia Institute of Technology

Phone: 404-403-8204

[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)

---

**From:** Lopes, Crane <[Crane.Lopes@darpa.mil](mailto:Crane.Lopes@darpa.mil)>

**Sent:** Tuesday, July 20, 2021 2:16 PM

**To:** DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>; Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>

**Cc:** Fuller, Christian <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>; Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Nie, Ling-Ling <[linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)>; Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Patel, Neeraj (USACT) <[Neeraj.Patel@usdoj.gov](mailto:Neeraj.Patel@usdoj.gov)>; Scarpelli, Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Eckenrode, John (JMD) <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI) <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Maddock, Adam M. (CyD) (FBI) <[ammaddock@fbi.gov](mailto:ammaddock@fbi.gov)>; James, Ryan Joseph



(INSD) (FBI) <[rjames@fbi.gov](mailto:rjames@fbi.gov)>; Bennett, Wes <[wes.bennett@arpa.mil](mailto:wes.bennett@arpa.mil)>; Smith, Darin <[Darin.Smith@arpa.mil](mailto:Darin.Smith@arpa.mil)>

**Subject:** RE: DARPA

Ms. Young:

Thank you for your diligence in protecting DARPA-related records and other documents from unauthorized use or disclosure.

I have discussed this matter with Wes Bennett, the Director of the DARPA Contracts Management Office. Mr. Bennett is info-copied on this message. We request that you cooperate with the Department of Justice (DoJ) by immediately providing them with all DARPA-related unclassified documents and records in your possession and that are requested by their subpoena.


If DoJ has requested DARPA-related classified documents and records in your possession, release should be coordinated with Mr. Darin Smith, DARPA Security & Intelligence Directorate. Mr. Smith is info-copied on this message.

Please contact me if I can assist you.

Crane Lopes, Ph.D.

General Counsel

DARPA

Off | 571.218.4887 

Mob | 571.239.5084



Creating **BREAKTHROUGH TECHNOLOGIES**

For National Security

---

**From:** DeFilippis, Andrew (USANYS) <[Andrew.DeFilippis@usdoj.gov](mailto:Andrew.DeFilippis@usdoj.gov)>  
**Sent:** Tuesday, July 20, 2021 10:51 AM  
**To:** Elizabeth Young <[EYoung@LAW.GA.GOV](mailto:EYoung@LAW.GA.GOV)>  
**Cc:** 'Fuller, Christian' <[christian.fuller@legal.gatech.edu](mailto:christian.fuller@legal.gatech.edu)>; Wasch, Kate <[kate.wasch@legal.gatech.edu](mailto:kate.wasch@legal.gatech.edu)>; Ling-Ling Nie ([linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)) <[linglingnie@gatech.edu](mailto:linglingnie@gatech.edu)>; Lopes, Crane <[Crane.Lopes@darpa.mil](mailto:Crane.Lopes@darpa.mil)>; Keilty, Michael (USANYE) <[Michael.Keilty@usdoj.gov](mailto:Michael.Keilty@usdoj.gov)>; Patel, Neeraj (USACT) <[Neeraj.Patel@usdoj.gov](mailto:Neeraj.Patel@usdoj.gov)>; Scarpelli, Anthony (USADC) <[Anthony.Scarpelli@usdoj.gov](mailto:Anthony.Scarpelli@usdoj.gov)>; Eckenrode, John (JMD) <[John.Eckenrode@usdoj.gov](mailto:John.Eckenrode@usdoj.gov)>; Aldenberg, William B. (NH) (FBI) <[wbaldenberg@fbi.gov](mailto:wbaldenberg@fbi.gov)>; Maddock, Adam M. (CyD) (FBI) <[ammaddock@fbi.gov](mailto:ammaddock@fbi.gov)>; James, Ryan Joseph (INSD) (FBI) <[rjames@fbi.gov](mailto:rjames@fbi.gov)>  
**Subject:** DARPA

Ms. Young,

Thank you very much for our call earlier today. On that call, you requested that we provide assurance that the Defense Advanced Research Projects Agency (DARPA) has no objection to Georgia Tech's providing documents and other records in response to our federal grand jury subpoena that relate to a contract between Georgia Tech and DARPA. I am copying Crane Lopes, General Counsel of DARPA. Mr. Lopes and DARPA have been fully cooperative with and supportive of our investigative efforts. On a phone call that occurred a few minutes ago, Mr. Lopes has assured me again that DARPA has no objections to Georgia Tech's provision of any records or information (both classified and unclassified) to our team and to the grand jury.

As noted, federal law requires you to provide such records regardless of any potentially applicable contractual restrictions.

Please let me know if you have any questions. We would appreciate if you could also please confirm that you consent to the two Georgia Tech employees we discussed providing responsive records that they have identified. Thank you.

Andrew J. DeFilippis

Assistant Special Counsel  
U.S. Department of Justice  
(646) 530-0087



---

**From:** Elizabeth Young <eyoung@law.ga.gov>  
**Sent:** Wednesday, July 21, 2021 8:00 AM  
**To:** 'Jody R Westby'; christian.fuller@legal.gatech.edu  
**Subject:** RE: DARPA

Ms. Wesby,

It seems I may have inadvertently created a misunderstanding in my correspondence with Special Counsel's office, especially by my references to "employees" that may have appeared to include your client. Georgia Tech had received a request to authorize the release of documents, and at the time I thought that request had come jointly from your client and Dr. Antonakasis. I'm now aware that this was incorrect and apologize for the confusion. I have only been involved in this matter for a few days and while I'm doing my best to get acclimated, there has been a lot to process in a very short time.

I did not mean to suggest that Georgia Tech was directing your client to produce anything directly to the Special Counsel's office or to take on any obligations that rightfully belong to Georgia Tech. And it is certainly not Georgia Tech's intent to place your client in an untenable position. To the extent that my imprecise language may have suggested otherwise, please accept my apologies.

Would you be available for a quick call sometime today so that I can get better acquainted and discuss how to manage any issues that might need your client's logistical assistance in terms of things such as locating where responsive documents/files might be stored on Georgia Tech computers or servers? I'd be happy to give you a call at your convenience.

Best regards,  
Beth Young



**Elizabeth (Beth) Young**  
Assistant Attorney General  
Office of the Attorney General Chris Carr  
Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

---

**From:** Jody R Westby  
**Sent:** Tuesday, July 20, 2021 7:01 PM  
**To:** christian.fuller@legal.gatech.edu  
**Cc:** Elizabeth Young  
**Subject:** Fwd: DARPA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

---

**From:** Elizabeth Young <eyoung@law.ga.gov>  
**Sent:** Friday, July 23, 2021 2:01 PM  
**To:** 'Jody R Westby'  
**Cc:** Mark Rasch  
**Subject:** RE: GT subpoena question

Thanks for getting back to me so quickly. I figured there was a chance you/your client might be unconcerned about handing them over - or might have even already done so directly for all I know. Simply trying to find quickest and easiest ways to handle things at this point.

Will let you know if anything else comes up that I need to ask you about.

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
mailto:eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Friday, July 23, 2021 1:49 PM  
**To:** Elizabeth Young <EYoung@LAW.GA.GOV>  
**Cc:** Mark Rasch <rasch@globalcyberlegal.com>  
**Subject:** Re: GT subpoena question

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi, Elizabeth! You cannot produce those white papers. Those were shared under a joint defense/common interest agreement and came from other counsel. We shared with Ga Tech when we were in a joint defense agreement with them, until Kate decided Ga Tech could not participate anymore, supposedly on advice from the Georgia AG office. We expect all of our communications with Ga Tech counsel's office will be protected from disclosure, since the subpoena does not ask for documents related to David Dagon's counsel. If you have any other questions, don't hesitate to ping me any time. I know you are crunching to get him this stuff.

Thanks so much,  
Jody

Jody R Westby, Esq.  
Managing Principal

Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 23, 2021, at 1:27 PM, Elizabeth Young <EYoung@LAW.GA.GOV> wrote:

Hi Jody and Mark,

Special counsel asked GT to search specifically for any “white papers” related to the topics of their investigation. In September 2020 you emailed three white papers to Kate Walsh (see screenshot of email attached). These do seem like they are at least arguably responsive to the subpoena to GT, though it’s possible they might fall outside the scope of the subpoena depending on where they came from, what systems/servers they were stored on, etc.

In the absence of any objection, I thought perhaps we should provide them to the Special Counsel as it’s at least within the area of the inquiry, even if they might technically fall outside the scope of the subpoena somehow. If this causes a concern for any reason let me know so we can discuss. (I’m not contemplating including your email or the draft letter in the production, only the white papers).

Also, there’s a confidentiality stamp on those that I think were put on by your office, so if we do produce them I wanted to see if you wanted to get that taken off first.

Let me know your thoughts on this as soon as you can. I have a call scheduled with Andrew at 4:30 and it would be great to hear before then if your schedule permits, though I understand if that’s not possible.

Thank you,  
Beth Young

<image001.jpg>

<image002.png>

<image003.png>

Beth Young

Assistant Attorney General

Office of the Attorney General Chris Carr Government Services & Employment

(404) 458-3425

eyoung@law.ga.gov

Georgia Department of Law

40 Capitol Square SW

Atlanta, Georgia 30334

<Screenshot 2021-07-22 152848.png>

---

**From:** Jody R. Westby <westby@globalcyberlegal.com>  
**Sent:** Friday, July 23, 2021 2:58 PM  
**To:** Elizabeth Young  
**Subject:** Re: GT subpoena question

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Ha ha. Yes, I know....very long week! Thank you very much!

Sent from my iPhone  
Jody Westby, 202.255.2700

On Jul 23, 2021, at 2:33 PM, Elizabeth Young <EYoung@law.ga.gov> wrote:

Well, it's been a long week and I'm running on fumes...maybe should have just said I had no idea what you'd think about the suggestion, but did want to ask first before making any assumptions.

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Friday, July 23, 2021 2:22 PM  
To: Elizabeth Young <EYoung@LAW.GA.GOV>  
Cc: Mark Rasch <rasch@globalcyberlegal.com>  
Subject: Re: GT subpoena question

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Beth, I hope you meant "concerned" instead of "unconcerned" below. Thanks again for asking!

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700

westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 23, 2021, at 2:01 PM, Elizabeth Young <EYoung@LAW.GA.GOV> wrote:

Thanks for getting back to me so quickly. I figured there was a chance you/your client might be unconcerned about handing them over - or might have even already done so directly for all I know. Simply trying to find quickest and easiest ways to handle things at this point.

Will let you know if anything else comes up that I need to ask you about.

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
mailto:eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Friday, July 23, 2021 1:49 PM  
To: Elizabeth Young <EYoung@LAW.GA.GOV>  
Cc: Mark Rasch <rasch@globalcyberlegal.com>  
Subject: Re: GT subpoena question

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi, Elizabeth! You cannot produce those white papers. Those were shared under a joint defense/common interest agreement and came from other counsel. We shared with Ga Tech when we were in a joint defense agreement with them, until Kate decided Ga Tech could not participate anymore, supposedly on advice from the Georgia AG office. We expect all of our communications with Ga Tech counsel's office will be protected from disclosure, since the subpoena does not ask for documents related to David Dagon's counsel. If you have any other questions, don't hesitate to ping me any time. I know you are crunching to get him this stuff.

Thanks so much,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com



On Jul 23, 2021, at 1:27 PM, Elizabeth Young <EYoung@LAW.GA.GOV> wrote:

Hi Jody and Mark,

Special counsel asked GT to search specifically for any “white papers” related to the topics of their investigation. In September 2020 you emailed three white papers to Kate Walsh (see screenshot of email attached). These do seem like they are at least arguably responsive to the subpoena to GT, though it’s possible they might fall outside the scope of the subpoena depending on where they came from, what systems/servers they were stored on, etc.

In the absence of any objection, I thought perhaps we should provide them to the Special Counsel as it’s at least within the area of the inquiry, even if they might technically fall outside the scope of the subpoena somehow. If this causes a concern for any reason let me know so we can discuss. (I’m not contemplating including your email or the draft letter in the production, only the white papers).

Also, there’s a confidentiality stamp on those that I think were put on by your office, so if we do produce them I wanted to see if you wanted to get that taken off first.

Let me know your thoughts on this as soon as you can. I have a call scheduled with Andrew at 4:30 and it would be great to hear before then if your schedule permits, though I understand if that’s not possible.

Thank you,  
Beth Young

<image001.jpg>

<image002.png>

<image003.png>

Beth Young

Assistant Attorney General

Office of the Attorney General Chris Carr Government Services & Employment

(404) 458-3425

eyoung@law.ga.gov

Georgia Department of Law

40 Capitol Square SW

Atlanta, Georgia 30334

<Screenshot 2021-07-22 152848.png>

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Tuesday, July 27, 2021 2:39 PM  
**To:** Elizabeth Young  
**Cc:** Mark Rasch; Mark Rasch  
**Subject:** Re: List of documents relevant to subpoena

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi, Beth! Thanks for your call a minute ago. I just wanted to confirm in writing our agreement that David can produce the runs that he has made on the GT system regarding the findings in the white papers to the Special Counsel. We will make a copy for you and keep one ourselves. David will not produce any GT documents. As agreed earlier, we will leave the GT production up to you and GT. Thanks again for reaching out.

Cheers,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 26, 2021, at 11:29 AM, Jody R Westby <westby@globalcyberlegal.com> wrote:

Good morning, Beth,  
David is enroute to DC for his meeting with the Special Counsel and testimony with the Grand Jury. He won't return to Atlanta until Friday. He can't suggest anyone to do this discovery and production. Manos was Principal Investigator for the project, so he would be the best person. He would know if anyone else is qualified to search. Sorry!

David has been doing some runs on the GT system to validate the findings in the white papers that were given to the government. The Special Counsel wants him to bring the runs with him so he can go over them with the Special Counsel's technical person. We will make a complete image of whatever he brings to give to you. We will also keep a copy for ourselves. Please advise if you have any issues with this.

Also, please advise whether Georgia Tech is willing to enter into a joint defense agreement with us so we can share information.

Cheers,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700

westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 26, 2021, at 10:15 AM, Elizabeth Young <EYoung@LAW.GA.GOV> wrote:

Thanks for letting us know. Could David go ahead and search these sources for responsive documents directly? Or if not, could he suggest someone from their team other than Manos that he thinks has the access and capability to run these searches? Manos has already been asked to go above and beyond already and I'm reluctant to dump another request on him if we don't have to.

<image001.jpg>

<image002.png>

<image003.png>

Beth Young

Assistant Attorney General

Office of the Attorney General Chris Carr

Government Services & Employment

(404) 458-3425

eyoung@law.ga.gov

Georgia Department of Law

40 Capitol Square SW

Atlanta, Georgia 30334

From: Jody R Westby <westby@globalcyberlegal.com>

Sent: Saturday, July 24, 2021 11:48 PM

To: Elizabeth Young <EYoung@LAW.GA.GOV>

Cc: Mark Rasch <[REDACTED]>; Mark Rasch <rasch@globalcyberlegal.com>

Subject: Re: List of documents relevant to subpoena

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Beth,

Here is additional information from David that may be helpful in putting together GT's response to the subpoenas:

Chiron Data

There is a host in the Enhanced Attribution lab called chiron.astrolavos.gatech.edu with a directory called:

/data/whois\_parsed

This holds approximately 13TB of whois data obtained from a vendor, mostly in json.gz (compressed text) form. Uncompressed, the data might be around 130TB. Note: Not all this data would be relevant of course. However, it is very likely that many relevant domains are included in this data. One would have to write a program to

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Tuesday, July 27, 2021 12:30 PM  
**To:** Elizabeth Young  
**Cc:** Mark Rasch; Mark Rasch  
**Subject:** Re: List of documents relevant to subpoena

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Elizabeth,  
Could you give me a quick call? 202-255-2700 Thanks, Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 26, 2021, at 11:29 AM, Jody R Westby <westby@globalcyberlegal.com> wrote:

Good morning, Beth,  
David is enroute to DC for his meeting with the Special Counsel and testimony with the Grand Jury. He won't return to Atlanta until Friday. He can't suggest anyone to do this discovery and production. Manos was Principal Investigator for the project, so he would be the best person. He would know if anyone else is qualified to search. Sorry!

David has been doing some runs on the GT system to validate the findings in the white papers that were given to the government. The Special Counsel wants him to bring the runs with him so he can go over them with the Special Counsel's technical person. We will make a complete image of whatever he brings to give to you. We will also keep a copy for ourselves. Please advise if you have any issues with this.

Also, please advise whether Georgia Tech is willing to enter into a joint defense agreement with us so we can share information.

Cheers,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 26, 2021, at 10:15 AM, Elizabeth Young <EYoung@LAW.GA.GOV> wrote:

Thanks for letting us know. Could David go ahead and search these sources for responsive documents directly? Or if not, could he suggest someone from their team other than Manos that he thinks has the access and capability to run these searches? Manos has already been asked to go above and beyond already and I'm reluctant to dump another request on him if we don't have to.

<image001.jpg>

<image002.png>

<image003.png>

Beth Young

Assistant Attorney General

Office of the Attorney General Chris Carr Government Services & Employment

(404) 458-3425

eyoung@law.ga.gov

Georgia Department of Law

40 Capitol Square SW

Atlanta, Georgia 30334

From: Jody R Westby <westby@globalcyberlegal.com>

Sent: Saturday, July 24, 2021 11:48 PM

To: Elizabeth Young <EYoung@LAW.GA.GOV>

Cc: Mark Rasch <[REDACTED]> Mark Rasch <rasch@globalcyberlegal.com>

Subject: Re: List of documents relevant to subpoena

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Beth,

Here is additional information from David that may be helpful in putting together GT's response to the subpoenas:

Chiron Data

There is a host in the Enhanced Attribution lab called chiron.astrolavos.gatech.edu with a directory called:

/data/whois\_parsed

This holds approximately 13TB of whois data obtained from a vendor, mostly in json.gz (compressed text) form. Uncompressed, the data might be around 130TB. Note: Not all this data would be relevant of course. However, it is very likely that many relevant domains are included in this data. One would have to write a program to search through this data.

There is an additional directory:

/data/whois

holding approximately 6TB of what appears to be the original (raw) whois data from a vendor.

Searches could be run for at least:

All Trump owned domains

Alfa Bank

Spectrum Health

Domo.com

Data Transfer Files

The files documenting when GT received data from Neustar for the Enhanced Attribution contract.

I hope this is helpful. Please let me know if you have questions.

Kind regards,

Jody

Jody R Westby, Esq.

Managing Principal

Global Cyber Legal LLC

+1.202.255.2700

westby@globalcyberlegal.com

www.globalcyberlegal.com

On Jul 23, 2021, at 3:30 PM, Jody R Westby <westby@globalcyberlegal.com> wrote:

Beth,

At our direction, David made a list of documents/data sources that he thought would be responsive to the subpoena.

They are:

DARPA whitepapers

Whitepaper on DNC attack attribution

Analysis of attacks of EOP (Executive Office of the President) networks Whitepaper for DOJ on APT-29 related hackers, crypto coin transactions, and analysis that includes Yota-related domains "Mueller List" - list of domains and indicators related to APT-28

BLU Phones directory of files

Rhamnousia chat logs

We may have further information after we are able to speak to our client, but not sure when that will be at this point.

Hope this is helpful to you.

Kind regards,

Jody

Jody R Westby, Esq.

Managing Principal

Global Cyber Legal LLC

+1.202.255.2700

westby@globalcyberlegal.com

www.globalcyberlegal.com

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Saturday, July 24, 2021 11:48 PM  
**To:** Elizabeth Young  
**Cc:** Mark Rasch; Mark Rasch  
**Subject:** Re: List of documents relevant to subpoena

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Beth,  
Here is additional information from David that may be helpful in putting together GT's response to the subpoenas:

### **Chiron Data**

There is a host in the Enhanced Attribution lab called [chiron.astrolavos.gatech.edu](http://chiron.astrolavos.gatech.edu) with a directory called:

/data/whois\_parsed

This holds approximately 13TB of whois data obtained from a vendor, mostly in json.gz (compressed text) form. Uncompressed, the data might be around 130TB. Note: Not all this data would be relevant of course. However, it is very likely that many relevant domains are included in this data. One would have to write a program to search through this data.

There is an additional directory:

/data/whois

holding approximately 6TB of what appears to be the original (raw) whois data from a vendor.

Searches could be run for at least:

All Trump owned domains

Alfa Bank

Spectrum Health

[Domo.com](http://Domo.com)

### **Data Transfer Files**

The files documenting when GT received data from Neustar for the Enhanced Attribution contract.

I hope this is helpful. Please let me know if you have questions.

Kind regards,

Jody



Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)  
[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

On Jul 23, 2021, at 3:30 PM, Jody R Westby <[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)> wrote:

Beth,

At our direction, David made a list of documents/data sources that he thought would be responsive to the subpoena. They are:

DARPA whitepapers

Whitepaper on DNC attack attribution

Analysis of attacks of EOP (Executive Office of the President) networks

Whitepaper for DOJ on APT-29 related hackers, crypto coin transactions, and analysis that includes Yota-related domains

"Mueller List" - list of domains and indicators related to APT-28

BLU Phones directory of files

Rhamnousia chat logs

We may have further information after we are able to speak to our client, but not sure when that will be at this point. Hope this is helpful to you.

Kind regards,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
[westby@globalcyberlegal.com](mailto:westby@globalcyberlegal.com)  
[www.globalcyberlegal.com](http://www.globalcyberlegal.com)

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Thursday, July 29, 2021 7:24 PM  
**To:** Elizabeth Young  
**Cc:** Mark Rasch; Mark Rasch  
**Subject:** Re: List of documents relevant to subpoena

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi! It won't be terabytes, but I will talk to him and come back to you. Thanks!

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 29, 2021, at 6:14 PM, Elizabeth Young <EYoung@LAW.GA.GOV> wrote:

Thanks for clearing that up - that makes a lot more sense. Let me know what Mr. Dagon says about getting them to us - happy to work with whatever is easiest for your client. Our office uses a file transfer system called Kiteworks and if it is helpful I could send a link to a folder he could drop them into so long as the size isn't more than a couple of gigabytes. If larger than that, I'll have to rely on your client's expertise...we are definitely not equipped for terabytes, let alone petabytes.

Beth Young  
Assistant Attorney General  
Office of the Attorney General Chris Carr Government Services & Employment  
(404) 458-3425  
eyoung@law.ga.gov  
Georgia Department of Law  
40 Capitol Square SW  
Atlanta, Georgia 30334

-----Original Message-----

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Thursday, July 29, 2021 6:00 PM  
**To:** Elizabeth Young <EYoung@LAW.GA.GOV>  
**Cc:** Mark Rasch <[REDACTED]>; Mark Rasch <rasch@globalcyberlegal.com>  
**Subject:** Re: List of documents relevant to subpoena

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi, Beth,

Yes, this got a little garbled in the translation. David has a copy of the Rhamnousia chat logs. When they came up in our meetings with Special Counsel, of course, they asked if David had them. When they found out he did, then, of course, they asked if we would give them to them. We told them we consider these GA Tech records and, pursuant to our agreement, we told the Special Counsel that we could not produce them unless it was authorized by GA Tech. We told Kate there were chat logs several months ago, but no one ever asked us for them. I will speak to David about the most efficient way to get them to you and come back to you asap. I know you want to be responsive. Thanks for your note.

Cheers,

Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 29, 2021, at 5:16 PM, Elizabeth Young <EYoung@LAW.GA.GOV> wrote:

Hi Jody,

Just got off the phone with Andrew DeFilippis. He's very interested in the Rhamnousia chat logs. He said that you'd told him that David had copies of chat log documents and that you'd given those to us, but that we had instructed Mr. Dagon not to give them to the DOJ directly.

My understanding from our emails was that we would have to get Manos to find these documents (and we're reaching out to him via his counsel to see what can be done in that regard). Seems to me that Andrew has either misunderstood or misstated things.

However, just in case the misunderstanding is somehow on my end, I thought I'd check with you on whether Mr. Dagon does actually already have copies of Rhamnousia chat log documents. If he does, could you give us a copy so that we can review them to see if they're responsive to GT's subpoena?

Thanks,

Beth

<image001.jpg>

<image002.png>

<image003.png>

Beth Young

Assistant Attorney General

Office of the Attorney General Chris Carr Government Services & Employment

(404) 458-3425

eyoung@law.ga.gov

Georgia Department of Law

40 Capitol Square SW

Atlanta, Georgia 30334

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Tuesday, July 27, 2021 2:39 PM  
To: Elizabeth Young <EYoung@LAW.GA.GOV>  
Cc: Mark Rasch <[REDACTED]>; Mark Rasch <rasch@globalcyberlegal.com>  
Subject: Re: List of documents relevant to subpoena

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi, Beth! Thanks for your call a minute ago. I just wanted to confirm in writing our agreement that David can produce the runs that he has made on the GT system regarding the findings in the white papers to the Special Counsel. We will make a copy for you and keep one ourselves. David will not produce any GT documents. As agreed earlier, we will leave the GT production up to you and GT. Thanks again for reaching out.

Cheers,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 26, 2021, at 11:29 AM, Jody R Westby <westby@globalcyberlegal.com> wrote:

Good morning, Beth,  
David is enroute to DC for his meeting with the Special Counsel and testimony with the Grand Jury. He won't return to Atlanta until Friday. He can't suggest anyone to do this discovery and production. Manos was Principal Investigator for the project, so he would be the best person. He would know if anyone else is qualified to search. Sorry!

David has been doing some runs on the GT system to validate the findings in the white papers that were given to the government. The Special Counsel wants him to bring the runs with him so he can go over them with the Special Counsel's technical person. We will make a complete image of whatever he brings to give to you. We will also keep a copy for ourselves. Please advise if you have any issues with this.

Also, please advise whether Georgia Tech is willing to enter into a joint defense agreement with us so we can share information.

Cheers,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Friday, July 30, 2021 11:44 AM  
**To:** DeFilippis, Andrew (USANYS)  
**Cc:** Elizabeth Young; Kate Wasch; Mark D. Rasch; Eckenrode, John (JMD); Scarpelli, Anthony(USADC); Keilty, Michael (USANYE); Patel, Neeraj (USACT); Fuhrman, Tim (JMD); Aldenberg, William B. (NH)(FBI); Maddock, Adam M. (CyD) (FBI)  
**Subject:** Re: Rhannusia Logs

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Working on getting these now. Will be back in touch. Understand the priority. Thanks!

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

On Jul 30, 2021, at 10:04 AM, DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov> wrote:

Excellent thanks very much.

> On Jul 30, 2021, at 10:02 AM, Elizabeth Young <EYoung@law.ga.gov> wrote:

>

> I reached out to Ms. Westby after our call yesterday and she confirmed that Mr. Dagon has copies of these chat logs and will be forwarding them to us so that we can review and produce them.

>

> Beth Young  
> Assistant Attorney General  
> Office of the Attorney General Chris Carr Government Services &  
> Employment  
> (404) 458-3425  
> eyoung@law.ga.gov  
> Georgia Department of Law  
> 40 Capitol Square SW  
> Atlanta, Georgia 30334

>

>

>

> -----Original Message-----

> From: DeFilippis, Andrew (USANYS) <Andrew.DeFilippis@usdoj.gov>

> Sent: Friday, July 30, 2021 7:43 AM

> To: Elizabeth Young <EYoung@LAW.GA.GOV>; Kate Wasch  
> <kate.wasch@legal.gatech.edu>; Jody R Westby  
> <westby@globalcyberlegal.com>; Mark D. Rasch  
> <rasch@globalcyberlegal.com>  
> Cc: Eckenrode, John (JMD) <John.Eckenrode@usdoj.gov>; Scarpelli,  
> Anthony (USADC) <Anthony.Scarpelli@usdoj.gov>; Keilty, Michael  
> (USANYE) <Michael.Keilty@usdoj.gov>; Patel, Neeraj (USACT)  
> <Neeraj.Patel@usdoj.gov>; Fuhrman, Tim (JMD) <Tim.Fuhrman@usdoj.gov>;  
> Aldenberg, William B. (NH) (FBI) <wbaldenberg@fbi.gov>; Maddock, Adam  
> M. (CyD) (FBI) <ammaddock@fbi.gov>  
> Subject: Rhannusia Logs  
>  
> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you  
recognize the sender and know the content is safe.  
>  
>  
> All,  
>  
> As we have discussed with each of you, Mr. Dagon has identified "Rhamnusia" chat communications that we  
understand are responsive to our subpoena and relevant to our investigation. We would like to obtain these  
communications promptly and would also like to minimize the burdens on all involved.  
>  
> Beth, can you please confirm in response to this email that Georgia Tech authorizes and requests that Mr. Dagon  
provide those logs to the government as an employee of Georgia Tech? If you would like us to issue a subpoena for  
them specifically and will accept service, we can do so today.  
>  
> Jody/Mark, can you please let us know when Mr. Dagon can provide the logs to us or, alternatively, to Georgia Tech for  
production to us?  
>  
> We are hopeful that we can find a solution to this issue in the near term and avoid unnecessary legal process or  
disruptions.  
>  
> Thank you very much.  
>

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Wednesday, October 13, 2021 5:41 PM  
**To:** Fuller, Christian; Elizabeth Young  
**Cc:** Mark D. Rasch; Mark Rasch  
**Subject:** Re: Teleconf Thurs or Friday?

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Great! 3 p.m. Friday. Will send an invite. Glad you looped in Beth. Thanks!

Jody R. Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
Washington, DC 20007  
202 255-2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

NOTICE: This message (including any attachments) may constitute an attorney-client communication and may contain information that is PRIVILEGED or CONFIDENTIAL and/or ATTORNEY WORK PRODUCT. If you are not an intended recipient, you are hereby notified that any dissemination of this message is strictly prohibited. If you have received this message in error, please do not read, copy or forward this message. Please permanently delete all copies and any attachments and notify the sender immediately by sending an e-mail to westby@globalcyberlegal.com.  
Thank you.

On Oct 13, 2021, at 5:31 PM, Fuller, Christian <christian.fuller@legal.gatech.edu> wrote:

Hi Jody,

Friday is better for me. Happy to jump on a call anytime after 3pm for how long.

Not sure if Beth may join us but I have looped her in just in case she wants to attend as well.

Christian

-----Original Message-----

From: Jody R Westby <westby@globalcyberlegal.com>  
Sent: Wednesday, October 13, 2021 5:07 PM  
To: Fuller, Christian <christian.fuller@legal.gatech.edu>  
Cc: Mark D. Rasch <rasch@globalcyberlegal.com>; Mark Rasch <[REDACTED]>  
Subject: Teleconf Thurs or Friday?

Christian,

I thought perhaps we should huddle tomorrow or Friday since the 19th is Tuesday (when David is supposed to have depo and docs produced). I am open after 10 a.m. tomorrow and all day Friday EXCEPT 2-3 pm.

Thanks,

Jody

Jody R. Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
Washington, DC 20007  
202 255-2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

NOTICE: This message (including any attachments) may constitute an attorney-client communication and may contain information that is PRIVILEGED or CONFIDENTIAL and/or ATTORNEY WORK PRODUCT. If you are not an intended recipient, you are hereby notified that any dissemination of this message is strictly prohibited. If you have received this message in error, please do not read, copy or forward this message. Please permanently delete all copies and any attachments and notify the sender immediately by sending an e-mail to westby@globalcyberlegal.com.  
Thank you.



---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Friday, July 30, 2021 2:31 PM  
**To:** Elizabeth Young  
**Cc:** Mark D. Rasch; Mark Rasch  
**Subject:** Rhamnousia Chat Logs

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Elizabeth,  
Here are the Rhamnousia chat logs.  
Kind regards,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

---

**From:** Jody R Westby <westby@globalcyberlegal.com>  
**Sent:** Friday, July 30, 2021 6:05 PM  
**To:** Elizabeth Young  
**Cc:** Mark Rasch; Mark D. Rasch  
**Subject:** Rhamnousia Chats Formatted

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi, Beth! David wrote a program to format the chats so they are easier to read and have the sender identified and date. We have not verified that every detail reformatted correctly, so if you decide to produce these, we suggest you send both versions. We hope this is helpful.

Cheers,  
Jody

Jody R Westby, Esq.  
Managing Principal  
Global Cyber Legal LLC  
+1.202.255.2700  
westby@globalcyberlegal.com  
www.globalcyberlegal.com

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Tuesday, November 6, 2018 7:15:40 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: Accepted: Case 21 sync (Conference Call)  
Attachments: meeting.ics (1.36 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Monday, April 30, 2018 5:05:23 PM  
To: Livingood, Jason <Jason\_Livingood@comcast.com>; Hook, Lisa <lisa.hook@team.neustar>; Matt.Carothers@cox.com  
CC: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Subject: DARPA D60 event

Many thanks Angele!

Jason, Matt and Lisa. Please see inline message from Angelos. If you want to attend the (invitation only) DARPA D60 event (<https://www.darpa.mil/about-us/d60-about>), please go ahead and register.

This is a way for Angelos (and DARPA) to show you their appreciation for helping GT out in our research, I suspect. :)

Thanks,

—  
Manos Antonakakis | manos@gatech.edu  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

---

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent: Monday, April 30, 2018 11:49 AM  
To: Antonakakis, Manos  
Subject: Comcast, Cox, and Neustar

I don't have their contact info, so please pass along my invitation to the DARPA 60th anniversary celebration in early September. They should register ASAP at:

<https://www.darpa.mil/about-us/d60-about>

If they need to list a sponsor, use me.  
-Angelos

**From:** Joffe, Rodney<Rodney.Joffe@team.neustar>  
**Sent on:** Monday, March 18, 2019 10:04:10 PM  
**To:** Gottdiener, Charlie<Charles.Gottdiener@team.neustar>; angelos@gatech.edu; Achanta, Venkat<Venkat.Achanta@team.neustar>; Mike Mullen<mike.mullen@mgmconsulting.net>; Antonakakis, Manos<manos@gatech.edu>; Tom Donahue<[REDACTED]>  
**Subject:** Confirmed: GA Tech/Neustar Briefing/Presentation/Discussion  
**Attachments:** meeting.ics (2.64 KB)

When: Wednesday, March 27, 2019 2:15 PM-6:00 PM. (UTC-05:00) Eastern Time (US & Canada)  
Where: Klaus Advanced Computing Building, Georgia Institute of Technology, 266 Ferst Drive,

\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*~\*

Update is adding Dr. Tom Donahue  
All other details remain the same:

\*\*\*\*\*

Briefing by Dr. Manos Antonakakis and Dr. Angelos Keromytis, Directors of Astrolavos Lab, GA Tech  
<https://astrolavos.gatech.edu/>

Threat analysis, research, case studies  
Use of Neustar Data  
Use of DNS data in threat hunting and attribution  
Discussion  
Tour of Astrolavos Lab

**From:** Joffe, Rodney<Rodney.Joffe@team.neustar>  
**Sent on:** Monday, February 18, 2019 12:39:37 AM  
**To:** Gottdiener, Charlie<Charles.Gottdiener@team.neustar>; Mike Mullen<mike.mullen@mgmconsulting.net>; Achanta, Venkat<Venkat.Achanta@team.neustar>; Antonakakis, Manos<manos@gatech.edu>; angelos@gatech.edu  
**Subject:** Confirmed: GA Tech/Neustar Briefing/Presentation/Discussion  
**Attachments:** meeting.ics (2.4 KB)

When: Wednesday, March 27, 2019 2:15 PM-6:00 PM. (UTC-05:00) Eastern Time (US & Canada)  
Where: Klaus Advanced Computing Building, Georgia Institute of Technology, 266 Ferst Drive, Atlanta, GA 30332

\*~\*~\*~\*~\*~\*~\*~\*~\*~\*

Briefing by Dr Manos Antonakakis and Dr. Angelos Keromytis, Directors of Astrolavos Lab, GA Tech

**From:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**Sent on:** Monday, April 30, 2018 3:49:12 PM  
**To:** Manos Antonakakis<manos@gatech.edu>  
**Signed by:** KEROMYTIS.ANGELOS.D.1501999799 on Monday, April 30, 2018 3:49:12 PM  
**Subject:** Comcast, Cox, and Lisa (Neustar)  
**Attachments:** Nameless.txt (260 Bytes)

I don't have their contact info, so please pass along my invitation to the DARPA 60th anniversary celebration in early September. They should register ASAP at:

<https://www.darpa.mil/about-us/d60-about>

If they need to list a sponsor, use me.

-Angelos

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Thursday, December 20, 2018 7:23:32 PM  
To: Antonakakis, Manos <manos@gatech.edu>  
Subject: Automatic reply: Case 30 (HSBC) and wannacry

My tour at DARPA ended on 20 December, 2018. For matters relating to programs I previously managed, please contact the following SETAs:

- AA, WASH: Susan Kloss (susan.kloss.ctr@darpa.mil<<mailto:susan.kloss.ctr@darpa.mil>>)
- ACD, ADAMS: Dan Adams (daniel.adams.ctr@darpa.mil<<mailto:daniel.adams.ctr@darpa.mil>>)
- EA: Chris Schneck (christopher.schneck@darpa.mil<<mailto:christopher.schneck@darpa.mil>>)
- HACCS: Alison Kline (alison.kline.ctr@darpa.mil<<mailto:alison.kline.ctr@darpa.mil>>)
- TC, LADS: Mary Denz (mary.denz.ctr@darpa.mil<<mailto:mary.denz.ctr@darpa.mil>>)

For non-DARPA matters, you may contact me at [angelos@gatech.edu](mailto:angelos@gatech.edu) <<mailto:angelos@gatech.edu>>



**From:** L Jean Camp [REDACTED]  
**Sent on:** Monday, June 28, 2021 9:25:49 PM  
**To:** Peter Swire<info@futureofprivacy.org>; Annie I. Anton<aa16@gatech.edu>  
**Subject:** arrrgh! A day late!

I understood the Chair position for Cybersecurity and Privacy to be open to submissions until June 30.

I went to complete my application today, the 28th, after proof reading and refining my documents.

However, it did not allow me to submit the documents.

I of course realize that you have many highly competent applicants, but would like the opportunity to apply.

Thank you for your time, trouble, and consideration.

Yesterday night I almost submitted but wanted to read over every document one more time.

I realize you may have other amazing applicants, in fact, given the opportunity I expect you do.

However, I would appreciate it if you would consider my slightly delayed application.

Regardless of the answer, I hope you know I do now and will always hold in highest esteem and affection.

And I hope that I have not burned any bridges with this request. I spent too much time fretting about not submitting typos.

Thank you so very much.

--

Prof. L. Jean Camp  
<http://www.ljean.com>

Research Gate:[https://www.researchgate.net/profile/L\\_Camp](https://www.researchgate.net/profile/L_Camp)  
DBLP:<http://dblp.uni-trier.de/pers/hd/c/Camp:L=Jean>  
SSRN:[https://papers.ssrn.com/sol3/cf\\_dev/AbsByAuth.cfm?per\\_id=262477](https://papers.ssrn.com/sol3/cf_dev/AbsByAuth.cfm?per_id=262477)  
Scholar:<https://scholar.google.com/citations?user=wJPGa2IAAAAJ>

Make a Difference  
<http://www.ieeeusa.org/policy/govfel/conqfel.asp>

From: Keromytis, Angelos <angelos.keromytis@darpa.mil>  
Sent on: Thursday, January 4, 2018 8:49:31 PM  
To: [REDACTED]; manos@gatech.edu  
CC: Patel, Tejas (contr-i2o) <tejas.patel.ctr@darpa.mil>  
Subject: also

<https://carnegieendowment.org/2018/01/04/iran-s-cyber-threat-espionage-sabotage-and-revenges-pub-75134>

**From:** Keromytis, Angelos<angelos.keromytis@darpa.mil>  
**Sent on:** Thursday, November 2, 2017 5:49:01 PM  
**To:** manos@gatech.edu; [REDACTED]  
**CC:** Patel, Tejas (contr-i2o)<tejas.patel.ctr@darpa.mil>  
**Signed by:** KEROMYTIS.ANGELOS.D.1501999799 on Thursday, November 2, 2017 5:49:00 PM  
**Subject:** also of interest  
**Attachments:** Nameless.txt (113 Bytes)

<https://www.apnews.com/3bca5267d4544508bb523fa0db462cb2>

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Thursday, June 28, 2018 3:06:49 AM  
To: Joffe, Rodney <Rodney.Joffe@team.neustar>  
Subject: Declined: Placeholder, Meeting and Dinner with Lisa Hook and Manos Antonokakis  
Attachments: meeting.ics (1.4 KB)

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>

Sent on: Monday, August 7, 2017 3:14:21 PM

To: Mike F [REDACTED]; Patel, Tejas H CTR (US) <tejas.patel.ctr@darpa.mil>; Keromytis, Angelos D CIV DARPA (US) <angelos.keromytis@darpa.mil>

Subject: Data from Daniel

Gents, on the GT server you all have access, under [REDACTED], you can find the data that Daniel gave to us.

Thanks,

—

Manos Antonakakis | manos@gatech.edu

FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668

From: "Antonakakis, Manos" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7E6B0AFC581E477DB35A37C3A3A79AEB-ANTONAKAKIS>  
Sent on: Saturday, November 3, 2018 2:44:27 PM  
To: Keromytis, Angelos <angelos.keromytis@darpa.mil>; Smith, Jonathan <Jonathan.smith@darpa.mil>  
Subject: A few thoughts

Gentlemen,

Given the success we had so far on modeling the first four TTPs, we can now see a clear path on how we can fine tune these TTPs in the Pythia oracle. Those TTPs clearly work for groups like EG, out of RU, IR and SA. Maybe more, but these are the ones we have hard data for.

In the last site review meeting we set as goals two things: 1) transition of the Oracle (ActiveDNS mode) to TA2 performers and potential technology transition partners, and 2) the implementation of the remaining 8 TTPs.

The first of these two goals has been achieved. Kudu, Jim, and the AFOSI folks have access to Pythia. The next thing on my queue is to implement some of the remaining TTPs.

After the 4 new case studies in the last month alone (2 from the FBI at Huntsville, DHS and Cyber-command), while people are interested in our attribution results, they are (cynically) using them as a remediation/incident response signal. To that end, I thought it would be best for me to spend a few months building a new classification system that could differentiate between "different modes" that the domains are in. That is, once a domain is identified being part of an APT group, I would like to be able to have (at the very least) a Social Engineering vs. C&C vs. Both set of scores assigned to it.

Have done something similar in the past for malware domains (Kopis paper: <http://tinyurl.com/usenixsec11-kopis>). The concept could remain somewhat similar, but the code base will have to be rewritten from scratch due to the size and type of our data. The benefit for the program will be huge, IMHO. The reason I think it will be huge is because we have seen to date that there is one thing we can always rely upon: The target networks. If we build such a classification system, I think, given a small set of interesting targets we will very easily find the rest (these will be the networks that systematically are looking up these interesting domains).

Most importantly, this will be a major and fundamental breakthrough on the way we approach the IoC discovery problem. To date, we are waiting for a report to come out or simply declassified IoCs from the high side. Neither of the two can be automated. Instead, if we focus on the target networks (domestic or foreign), we could achieve the systematic retrieval of reliable pools of new IoCs extracted daily from the raw datasets. These new (unknown) IoCs will allow us to start enriching clusters of interesting activity in Pythia, which could reflect bran new operations from unknown actors coming into play.

Obviously, the implementation of such a classification system will only yield more actionable intelligence to our technology transition partners, which can only be good for the program.

So, what do you think is the best thing to do for the program? Continue the development of the remaining TTPs or try to build a tailored classification system in Kopis' spirit?

Thanks,

—

Manos Antonakakis | [manos@gatech.edu](mailto:manos@gatech.edu)  
Georgia Institute of Technology  
FF7D 4FDF 9115 8077 92D2 5B59 5120 5E89 BE1B 3668