

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>
Date: Sunday, November 14, 2021 at 11:56 AM
To: "Antonakakis, Manos" <manos@gatech.edu>, "Jara, Ana" <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>

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

To: Schamel, Mark <MSchamel@lowenstein.com>; Jara, Ana <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>

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

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

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

To: Schamel, Mark <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.

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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

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]

>> 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> 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>

Sent: Tuesday, June 29, 2021 2:51 PM

To: Lever, Charles C <chazlever@gatech.edu>; Sibble, Dan <Dan.Sibble@osp.gatech.edu>

Cc: 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
Can we please finalize this?

Thanks, Manos

From:Lever, Charles C <chazlever@gatech.edu>
Date:Tuesday, June 29, 2021 at 1:59 PM
To:Sibble, Dan <Dan.Sibble@osp.gatech.edu>
Cc:Antonakakis, Manos <manos@gatech.edu>, Garrison, William R <wgarrison7@gatech.edu>, Mitchell, Michael F <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> 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>
Sent:Tuesday, June 29, 2021 8:53 AM
To:Sibble, Dan <Dan.Sibble@osp.gatech.edu>; Lever, Charles C <chazlever@gatech.edu>; Garrison, William R <wgarrison7@gatech.edu>
Cc:Mitchell, Michael F <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>
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>
Sent: Tuesday, June 29, 2021 8:11 AM
To: 'Lever, Charles C' <chazlever@gatech.edu>
Cc: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Antonakakis, Manos <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>
Sent: Monday, June 28, 2021 4:38 PM
To: Sibble, Dan <Dan.Sibble@osp.gatech.edu>
Cc: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Antonakakis, Manos <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
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

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On Jun 29, 2021, at 3:37 PM, Sibble, Dan <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>

Sent: Tuesday, June 29, 2021 2:51 PM

To: Lever, Charles C <chazlever@gatech.edu>; Sibble, Dan <Dan.Sibble@osp.gatech.edu>

Cc: 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
Can we please finalize this?

Thanks, Manos

From:Lever, Charles C <chazlever@gatech.edu>
Date:Tuesday, June 29, 2021 at 1:59 PM
To:Sibble, Dan <Dan.Sibble@osp.gatech.edu>
Cc:Antonakakis, Manos <manos@gatech.edu>, Garrison, William R <wgarrison7@gatech.edu>, Mitchell, Michael F <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> 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>
Sent:Tuesday, June 29, 2021 8:53 AM
To:Sibble, Dan <Dan.Sibble@osp.gatech.edu>; Lever, Charles C <chazlever@gatech.edu>; Garrison, William R <wgarrison7@gatech.edu>
Cc:Mitchell, Michael F <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>
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>
Sent: Tuesday, June 29, 2021 8:11 AM
To: 'Lever, Charles C' <chazlever@gatech.edu>
Cc: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Antonakakis, Manos <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>
Sent: Monday, June 28, 2021 4:38 PM
To: Sibble, Dan <Dan.Sibble@osp.gatech.edu>
Cc: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Antonakakis, Manos <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
chazlever@gatech.edu

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>
Sent: Tuesday, June 29, 2021 4:05:39 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> 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>

Sent: Tuesday, June 29, 2021 2:51 PM

To: Lever, Charles C <chazlever@gatech.edu>; Sibble, Dan <Dan.Sibble@osp.gatech.edu>

Cc: 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
Can we please finalize this?

Thanks, Manos

From: Lever, Charles C <chazlever@gatech.edu>

Date: Tuesday, June 29, 2021 at 1:59 PM

To: Sibble, Dan <Dan.Sibble@osp.gatech.edu>

Cc: Antonakakis, Manos <manos@gatech.edu>, Garrison, William R <wgarrison7@gatech.edu>, Mitchell, Michael F <michael.mitchell@ece.gatech.edu>

Subject: Re: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

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Any updates?

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Excellent. Thanks Manos!

Dan

Dan Sibble

Contracting Officer

Office of Sponsored Programs

Georgia Institute of Technology

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Atlanta, GA 30318
Office: 404-894-6947
Mobile: 404-987-6809

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Cc: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
Subject: Re: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

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William can provide you the SSP plan if necessary. It is the same we sent OSP for HACCS, 5G and EA.

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As a follow up, can you confirm whether or not your lab is under a Lab-wide System Security Plan (SSP)?

Best,

Dan

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Georgia Institute of Technology
926 Dalney Street, N.W.
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Subject: RE: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

Good Morning,

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I will provide another status update this afternoon.

Best,

Dan

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Subject: [TIME SENSITIVE] Following Up on DARPA CHASE HR001118S0047 - N66001-21-C-4029

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--

Dr. Charles (Chaz) Lever
Research Faculty @ Georgia Institute of Technology www.chazlever.com
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
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Thanks, Manos

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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
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Very respectfully,

Kristine Reyes

NIWC PAC Code 55331

Mobile: (619) 850-4220

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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> 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>

Subject: Active DNS Project / election cyberattacks

Date: September 8, 2020 at 10:29:27 AM EDT

To: "manos@gatech.edu" <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
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

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Subject: Re: Active DNS Project / election cyberattacks
Attachments: image001.png (54.13 KB)

Calling.

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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>

Subject: Active DNS Project / election cyberattacks

Date: September 8, 2020 at 10:29:27 AM EDT

To: "manos@gatech.edu" <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: 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 2nd 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: 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
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-----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

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Thanks!

Crystal Clement
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-----Original Message-----

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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

>
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> 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

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> Thanks!

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<crystal.clement@pe.gatech.edu>
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> Crystal and Tim,
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> Nice to meet you, I look forward to working with you all to set up this event.
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> 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.
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> 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
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>
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> Thanks,
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> 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
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> 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
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>
> 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). 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

Make testing part of your weekly routine. Register at 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>

Date: January 19, 2021 at 11:29:08 EST

To: GT GCR <gcr@gatech.edu>

Cc: "Cabrera, Angel" <angel.cabrera@gatech.edu>, "Abdallah, Chaouki T" <ctabdallah@gatech.edu>, Provost Steve McLaughlin <provost@gatech.edu>, "Fox, Kelly" <kelly.fox@gatech.edu>

Subject: Feedback on Capitol Buzz

Reply-To: Georgia Tech Covid Response <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 8th 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 2nd 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

>> 39181%7C482198bbae7b4b258b7a6d7f32faa083%7C0%7C0%7C637459817674388905
>> %7CUnknown%7CTWFpbGZsb3d8eyJWljoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6
>> Ik1haWwiLCJXVCI6Mn0%3D%7C1000&sdata=GHHirHRuVyssv9DIfQRivw44UmMe9
>> fPVtE0yh4bM9Lk%3D&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>>

From: Garrison, William R <wgarrison7@gatech.edu>

Sent: Friday, December 3, 2021 12:33 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>

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
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 10th 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: 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.

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Knowlton School
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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.

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> —

> 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

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>

>

>

> 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:

>

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> —

> Manos Antonakakis | Associate Professor | manos@gatech.edu

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> Sent: Wednesday, May 13, 2020 1:58 PM

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> Cc: OPS-5G <ops-5g@darpa.mil>

> Subject: HR001120S0026-OPS-5G-FP-010-Notification Letter

>

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> Dear Dr. Antonakakis,

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>

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> 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>
Date: Thursday, September 16, 2021 at 5:46 PM
To: Antonakakis, Manos <manos@gatech.edu>, Jara, Ana <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>
Sent: Thursday, September 16, 2021 5:44 PM
To: Schamel, Mark <MSchamel@lowenstein.com>; Jara, Ana <AJara@lowenstein.com>
Subject: Re: Indictment
Page 10, this is wrong.



From: Antonakakis, Manos <manos@gatech.edu>
Date: Thursday, September 16, 2021 at 5:38 PM
To: Schamel, Mark <MSchamel@lowenstein.com>, Jara, Ana <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>
Date: Thursday, September 16, 2021 at 5:35 PM
To: Schamel, Mark <MSchamel@lowenstein.com>, Jara, Ana <AJara@lowenstein.com>
Subject: Re: Indictment

On page 14, this is also wrong.



Manos

From: Antonakakis, Manos <manos@gatech.edu>
Date: Thursday, September 16, 2021 at 5:31 PM
To: Schamel, Mark <MSchamel@lowenstein.com>, Jara, Ana <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>
Date: Thursday, September 16, 2021 at 5:10 PM
To: Schamel, Mark <MSchamel@lowenstein.com>, Jara, Ana <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>
Date: Thursday, September 16, 2021 at 5:08 PM
To: Antonakakis, Manos <manos@gatech.edu>, Jara, Ana <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>; Jara, Ana <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

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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?

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Subject: RE: Indictment

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Subject: Re: Indictment
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To: Antonakakis, Manos <manos@gatech.edu>, Jara, Ana <AJara@lowenstein.com>
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<https://www.justice.gov/sco/press-release/file/1433511/download>

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Partner
Lowenstein Sandler LLP

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M: 202.841.3401
F: 973.597.2400



From: Schamel, Mark
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Subject: Indictment

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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: 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: 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.

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> 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.

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> 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>>
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, 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

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, 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>
Sent on: Sunday, February 14, 2021 12:33:13 PM
To: Antonakakis, Manos <manos@gatech.edu>
CC: Abdallah, Chaouki T <ctabdallah@gatech.edu>; Keromytis, Angelos D <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> 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>
Date: Saturday, February 13, 2021 at 9:12 AM
To: Abdallah, Chaouki T <ctabdallah@gatech.edu>
Cc: Keromytis, Angelos D <angelos@gatech.edu>, Antonakakis, Manos <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> 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> 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>

>>> 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

>>>>

>>>>

>> <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
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 Tanios 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>
Sent: Tuesday, December 7, 2021 3:00:48 PM
To: Antonakakis, Manos <manos@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
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>
Sent: Tuesday, December 7, 2021 1:12 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<manos@gatech.edu>
Sent on: Monday, February 14, 2022 1:00:19 PM
To: Schamel, Mark<MSchamel@lowenstein.com>
CC: Connolly, Robert<robert.connolly@police.gatech.edu>; Fuller, Christian<christian.fuller@legal.gatech.edu>; McLaughlin, Steven W<swm@gatech.edu>; Abdallah, Chaouki T<ctabdallah@gatech.edu>
Subject: Re: spying on President Trump

At somepoint we must be reaching the defamation boundaries based on the harassment and reputation hit me and my family is constantly receiving. Perhaps, we should discuss this at somepoint.

I just hope all these threats on social media about mine and my family's physical security do not materialize.

Thanks, Manos

From: Schamel, Mark <MSchamel@lowenstein.com>
Sent: Monday, February 14, 2022 7:51:33 AM
To: Antonakakis, Manos <manos@gatech.edu>
Cc: Connolly, Robert <robert.connolly@police.gatech.edu>; Fuller, Christian <christian.fuller@legal.gatech.edu>; McLaughlin, Steven W <swm@gatech.edu>; Abdallah, Chaouki T <ctabdallah@gatech.edu>; Nie, Ling-Ling <linglingnie@gatech.edu>
Subject: Re: spying on President Trump

I was just reading an article about this and Durham filing and suggest we do a call later today to discuss steps.

Mark E. Schamel

Partner

Lowenstein Sandler LLP

T:202.753.3805

M:202.841.3401

F:973.597.2400



On Feb 14, 2022, at 7:42 AM, Antonakakis, Manos <manos@gatech.edu> wrote:

As Chief and Christian knows, last Friday some chatter started about me on social media.

Over the weekend friends and former students of mine alerted me that people on social media are reading FOIA emails and claiming several crazy stuff that I could have done under EA ---

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> 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>
Subject: RE: SSP for Royal
Date: August 17, 2020 at 1:33:34 PM EDT
To: "'Smith, Kyle L'" <kyle.smith@security.gatech.edu>, "Antonakakis, Manos" <manos@gatech.edu>
Cc: "Keromytis, Angelos D" <angelos@gatech.edu>, "Cyber Security Compliance Team" <compliance@security.gatech.edu>, "Caravati, Rebecca" <Rebecca.Caravati@osp.gatech.edu>, "Penn, Blake C" <blake.penn@security.gatech.edu>, "Blake, Leon M" <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>; Burke, Roberta <Roberta.Burke@osp.gatech.edu>
Cc: Keromytis, Angelos D <angelos@gatech.edu>; Cyber Security Compliance Team <compliance@security.gatech.edu>; Caravati, Rebecca <Rebecca.Caravati@osp.gatech.edu>; Penn, Blake C <blake.penn@security.gatech.edu>; Blake, Leon M <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>
Sent: Monday, August 17, 2020 9:27 AM
To: Smith, Kyle L <kyle.smith@security.gatech.edu>
Cc: Burke, Roberta B <Roberta.Burke@osp.gatech.edu>; Keromytis, Angelos D <angelos@gatech.edu>; Cyber Security Compliance Team <compliance@security.gatech.edu>; Caravati, Rebecca V <Rebecca.Caravati@osp.gatech.edu>; Penn, Blake C <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> 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>
Sent: Friday, August 14, 2020 4:46 PM
To: Keromytis, Angelos D <angelos@gatech.edu>; Smith, Kyle L <kyle.smith@security.gatech.edu>
Cc: Arnold, Paul <paul.arnold@gtri.gatech.edu>; Blake, Leon M <leon.blake@security.gatech.edu>; Pavadore, Anita M <anita.pavadore@gtri.gatech.edu>; Cyber Security Compliance Team <compliance@security.gatech.edu>; Roberts, Christopher M <Chris.Roberts@gtri.gatech.edu>; Caravati, Rebecca V <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>
Cc: Burke, Roberta <Roberta.Burke@osp.gatech.edu>;
Arnold, Paul
<paul.arnold@gtri.gatech.edu>; Blake, Leon M
<leon.blake@security.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>; Roberts, Chris M.
<Chris.Roberts@gtri.gatech.edu>; Yarbrough, Lucy
<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> 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>
Sent: Thursday, August 13, 2020 4:16 PM
To: Smith, Kyle L <kyle.smith@security.gatech.edu>
Cc: Arnold, Paul <paul.arnold@gtri.gatech.edu>; Blake, Leon M <leon.blake@security.gatech.edu>; Burke, Roberta B <Roberta.Burke@osp.gatech.edu>; Pavadore, Anita M <anita.pavadore@gtri.gatech.edu>; Cyber Security Compliance Team <compliance@security.gatech.edu>; Barney, Diane J <diane.barney@osp.gatech.edu>; Roberts, Christopher M <Chris.Roberts@gtri.gatech.edu>; Yarbrough, Lucy K <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
> 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

>

Sent: Thursday, August 13,
2020 2:42 PM

To: Blake, Leon M <

leon.blake@security.gatech.edu

>; Smith, Kyle L

<

kyle.smith@security.gatech.edu

>; Burke, Roberta B

<

Roberta.Burke@osp.gatech.edu

>; Keromytis, Angelos D

<angelos@gatech.edu>

Cc: Pavadore, Anita M <

anita.pavadore@gtri.gatech.edu

>; Cyber

Security Compliance Team <

compliance@security.gatech.edu

>; Barney,

Diane J <

diane.barney@osp.gatech.edu

>; Roberts, Christopher M

<

Chris.Roberts@gtri.gatech.edu

>; Yarbrough, Lucy K

<

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

>

Sent: Wednesday, August
12, 2020 4:03 PM

To: Arnold, Paul <
paul.arnold@gtri.gatech.edu
>; Smith, Kyle L
<
kyle.smith@security.gatech.edu
>; Burke, Roberta
<
Roberta.Burke@osp.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
>; Roberts, Chris M.
<
Chris.Roberts@gtri.gatech.edu
>; Yarbrough, Lucy
<
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
>; Smith, Kyle L

<
kyle.smith@security.gatech.edu
>; Burke, Roberta B
<
Roberta.Burke@osp.gatech.edu
>
Cc: Pavadore, Anita M <
anita.pavadore@gtri.gatech.edu
>; Cyber
Security Compliance Team <
compliance@security.gatech.edu
>; Barney,
Diane J <
diane.barney@osp.gatech.edu
>; Roberts, Christopher M
<
Chris.roberts@gtri.gatech.edu
>; Yarbrough, Lucy K
<
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

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
>
Sent: Wednesday, August 5,
2020 9:42 AM
To: Smith, Kyle L <
kyle.smith@security.gatech.edu
>; Burke, Roberta B
<
Roberta.Burke@osp.gatech.edu
>; Blake, Leon M
<
leon.blake@security.gatech.edu
>
Cc: Pavadore, Anita M <
anita.pavadore@gtri.gatech.edu
>; Cyber
Security Compliance Team <
compliance@security.gatech.edu
>; Barney,
Diane J <
diane.barney@osp.gatech.edu
>; Roberts, Christopher M
<
Chris.Roberts@gtri.gatech.edu
>; Yarbrough, Lucy K
<
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>
>
Sent: Friday, July 31, 2020
9:41 AM
To: Burke, Roberta <Roberta.Burke@osp.gatech.edu>; Arnold, Paul <paul.arnold@gtri.gatech.edu>; Blake, Leon M <leon.blake@security.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>; Roberts, Chris M. <Chris.Roberts@gtri.gatech.edu>; Yarbrough, Lucy <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

>; Arnold, Paul

<

paul.arnold@gtri.gatech.edu

>

Cc: Pavadore, Anita M <

anita.pavadore@gtri.gatech.edu

>; Cyber

Security Compliance Team <

compliance@security.gatech.edu

>; Barney,

Diane J <

diane.barney@osp.gatech.edu

>; Roberts, Christopher M

<

Chris.roberts@gtri.gatech.edu

>; Yarbrough, Lucy K

<

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

>

Sent: Thursday, July 30, 2020

5:10 PM

To: Yarbrough, Lucy K <

Lucy.Yarbrough@osp.gatech.edu

>; Roberts,
Christopher M <
Chris.Roberts@gtri.gatech.edu
>; Smith, Kyle L
<
kyle.smith@security.gatech.edu
>; Arnold, Paul
<
paul.arnold@gtri.gatech.edu
>
Cc: Pavadore, Anita M <
anita.pavadore@gtri.gatech.edu
>; Cyber
Security Compliance Team <
compliance@security.gatech.edu
>; Barney,
Diane J <
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
>; 'Smith, Kyle L'
<
kyle.smith@security.gatech.edu
>; Arnold, Paul
<
paul.arnold@gtri.gatech.edu
>; Burke, Roberta
<
Roberta.Burke@osp.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

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

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](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

>

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, 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>
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>
Cc: "Sibble, Dan J" <Dan.Sibble@osp.gatech.edu>, "Jackson, Timothy S" <timothy.jackson@osp.gatech.edu>, "Pilcher, Steven L" <Steve.Pilcher@osp.gatech.edu>, "Egerstedt, Magnus" <magnus.egerstedt@ece.gatech.edu>, "Melkote, Siri G" <siri.melkote@ece.gatech.edu>, "Butler, Angel D" <angel.butler@osp.gatech.edu>, "Custodio, Victoria N" <victoria.custodio@osp.gatech.edu>, "McLaughlin, Steven W" <swm@coe.gatech.edu>, "Abdallah, Chaouki T" <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> 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>

Sent: Monday, August 24, 2020 11:31 AM

To: Sibble, Dan J <Dan.Sibble@osp.gatech.edu>

Cc: Mitchell, Michael F <michael.mitchell@ece.gatech.edu>; Jackson, Timothy S <timothy.jackson@osp.gatech.edu>; Pilcher, Steven L <Steve.Pilcher@osp.gatech.edu>; Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>; Melkote, Siri G <siri.melkote@ece.gatech.edu>; Butler, Angel D <angel.butler@osp.gatech.edu>; Custodio, Victoria N <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> 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>; Pilcher, Steve <Steve.Pilcher@osp.gatech.edu>; Sibble, Dan <Dan.Sibble@osp.gatech.edu>
Cc:Antonakakis, Manos <manos@gatech.edu>; Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu>; Melkote, Siri G <siri.melkote@ece.gatech.edu>; Butler, Angel <angel.butler@osp.gatech.edu>; Custodio, Victoria <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>
Sent:Monday, August 17, 2020 3:47 PM

To:Sibble, Dan J <Dan.Sibble@osp.gatech.edu>;
Mitchell, Michael F <michael.mitchell@ece.gatech.edu>
Cc:Jackson, Timothy S <
timothy.jackson@osp.gatech.edu>; Antonakakis,
Manos <manos@gatech.edu>; Egerstedt, Magnus <
magnus.egerstedt@ece.gatech.edu>; Melkote, Siri G <
siri.melkote@ece.gatech.edu>; Butler, Angel D <
angel.butler@osp.gatech.edu>; Custodio, Victoria N <
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>;
Simpson, Dana <Dana.Simpson@osp.gatech.edu>;
Mitchell, Michael F <michael.mitchell@ece.gatech.edu
>; Sibble, Dan <Dan.Sibble@osp.gatech.edu>

Cc:Jackson, Timothy <timothy.jackson@osp.gatech.edu
>; Antonakakis, Manos <manos@gatech.edu>;
Egerstedt, Magnus <magnus.egerstedt@ece.gatech.edu
>; Melkote, Siri G <siri.melkote@ece.gatech.edu>;
Custodio, Victoria <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>
Cc: Butler, Angel <angel.butler@osp.gatech.edu>;
Jackson, Timothy <timothy.jackson@osp.gatech.edu>;
Antonakakis, Manos <manos@gatech.edu>; Egerstedt,
Magnus <magnus.egerstedt@ece.gatech.edu>;
Melkote, Siri G <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

GEORGIAInstitute

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>
Cc: Butler, Angel D <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>
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>

Sent: Friday, July 31, 2020 2:18 PM

To: Mitchell, Michael F <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>

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

Hi Manos,

Thanks for your email. We will discuss this internally and then with Mark and Ana to decide what makes the most sense on you pursuing this new DARPA project. I will circle back with you soon.

Also, I have spoken with Angelos about the subpoena.

Christian Fuller

Senior Counsel, Employment & Litigation

Georgia Institute of Technology

Office of Legal Affairs

760 Spring Street, Suite 324

Atlanta, Georgia 30332-0495

Phone: 404-403-8204

christian.fuller@legal.gatech.edu



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

Sent: Thursday, August 5, 2021 12:31 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 (Rhamnusia) 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,

—

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School of Electrical and Computer Engineering | Georgia Institute of Technology

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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 24th, 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:

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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

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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>

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Regards,

mo'c

Maureen O'Connor

The Johns Hopkins University

Applied Physics Laboratory

(240) 917-5762

From: Antonakakis, Manos<manos@gatech.edu>
Sent on: Tuesday, August 10, 2021 3:12:32 AM
To: Schamel, Mark<MSchamel@lowenstein.com>
CC: Fuller, Christian<christian.fuller@legal.gatech.edu>; Jara, Ana<AJara@lowenstein.com>; 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

Sure thing Mark.

From: Schamel, Mark <MSchamel@lowenstein.com>

Sent: Monday, August 9, 2021 10:11:44 PM

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

Cc: Fuller, Christian <christian.fuller@legal.gatech.edu>; Jara, Ana <AJara@lowenstein.com>; 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

Doj has not confirmed so no meeting yet.

Can you talk now for five minutes?

Mark E. Schamel

Partner

Lowenstein Sandler LLP

T:202.753.3805

M:202.841.3401

F:973.597.2400



On Aug 9, 2021, at 10:01 PM, Antonakakis, Manos <manos@gatech.edu> wrote:

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 too 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>

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

Hi Manos,

Thanks for your email. We will discuss this internally and then with Mark and Ana to decide what makes the most sense on you pursuing this new DARPA project. I will circle back with you soon.

Also, I have spoken with Angelos about the subpoena.

Christian Fuller

Senior Counsel, Employment & Litigation

Georgia Institute of Technology

Office of Legal Affairs

760 Spring Street, Suite 324

Atlanta, Georgia 30332-0495

Phone: 404-403-8204

christian.fuller@legal.gatech.edu



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

Sent: Thursday, August 5, 2021 12:31 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 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 24th, 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)

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

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; kpkelick@gatech.edu; olivia.kulisz@ece.gatech.edu; zlaird3@gatech.edu; thomas.lancaster@neetrac.gatech.edu; aaron.lantermann@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;
gjh@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](#)

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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, 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>
Subject: Research Update
Attachments: meeting.ics (4.13 KB)

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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<bmanning@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
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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 24th, 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
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