

Message

From: csfunding-bounces@cs.unc.edu [csfunding-bounces@cs.unc.edu]
on behalf of Gregory, Janet <jgregory@osc.edu> [jgregory@osc.edu]
Sent: 4/28/2016 1:25:04 PM
To: 'research-team@lists.osc.edu' [research-team@lists.osc.edu]
Subject: [csfunding] [research-team] Opportunities 04-28-16
Attachments: ATT00001.txt; ATT00002.txt

April 28, 2016

Research Opportunities Compiled by:

Ohio Supercomputer Center

Janet L. Gregory, Grants Manager

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Columbus, OH 43212-1163

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See daily opportunities at OSC's ARMSTRONG website: <http://armstrong.osc.edu>

#1

Edward N. and Della L. Thome Memorial Foundation, Bank of America N.A., Trustee, Awards Program in Age-Related Macular Degeneration Research (Medical Foundation)

The goal of the Awards Program is to support translational research that will lead to improved therapies for individuals suffering from age-related macular degeneration.

Successful research proposals will extend recent basic research findings regarding the underlying mechanisms of AMD. Examples of funding areas include, but are not limited to, genetically engineered animal models, the discovery and testing of small molecule therapies directed at promising targets including immune- or inflammation-related pathways associated with AMD, local drug delivery systems, and neuroprotective strategies. Basic research and clinical trials are outside the scope of this Program. However, clinical studies that involve the evaluation of new imaging modalities with no potential risks to human subjects are eligible.

Investigators who hold a faculty appointment at a non-profit academic, medical, or research institution in the United States may apply. Eligibility is not limited to those investigators currently working in age-related macular degeneration research; scientists who have conducted research exploring the biologic causes of related disorders and/or similar translational research programs are encouraged to apply. Only one application may be submitted per applicant.

Two-year awards of \$500,000 (\$250,000 per year) will be made. Up to 6 awards will be funded. Funding begins on or by December 31, 2016. Awards do not cover indirect costs.

Deadline: June 09, 2016

Link: http://www.hria.org/uploads/grants/Thome/Thome_AMD_2016_Initial_Proposal_Guidelines.pdf

#2

Grants Program (Lung Cancer Research Foundation)

The Lung Cancer Research Foundation's grant program provides funding for innovative research focused on the prevention, diagnosis, treatment and cure of lung cancer. The Foundation encourages applications for projects investigating a wide variety of research topics, including:

- Prevention and screening for early detection
- Identification of new biomarkers and the development of targeted therapies
- The development of next-generation chemotherapeutic agents
- Supportive measures for people with lung cancer and their families
- Quality of care and outcomes research

LCRF grants are awarded for projects focused on one or more of the following areas of lung cancer research:

- Basic science

- Translational research
- Clinical research
- Supportive care
- Quality of care/outcomes

LCRF provides funds to U.S.-based and international investigators including:

- Junior investigators (e.g. graduate students, medical students and postdoctoral fellows)
- Young investigators and senior faculty (e.g. assistant, associate or full professors)
- Physicians
- Nurse researchers

Budget

- The maximum award amount is \$150,000 for a period of two years (disbursed at \$75,000 per year).
- LCRF will not support institutional indirect/overhead costs.
- The LCRF grant must be the primary source of support for the project. However, additional secondary funding (e.g. for core services support) is permitted.
- Direct patient care costs that could be reimbursed by other sources will not be covered.

Deadline: July 01, 2016

Link: <https://www.lungcancerresearchfoundation.org/research/funding-opportunities>

#3

Innovation Grants (Alliance for Academic Internal Medicine)

AAIM fosters education innovations in academic internal medicine with a seed grant program. Grants of \$2,500 or \$5,000 will be awarded for winning proposals.

Special consideration is given to proposals that:

- Address an unmet need or a gap in current educational approaches.
- Feature collaboration between two or more institutions, or two or more AAIM member groups.
- Develop educational innovations with the potential to reach a broad audience
- Align with AAIM strategic priorities.

Suggested themes include (but are not limited to):

- Resilience, burn out, health and well-being
- Mentoring (as a professional development activity, including peer coaching)
- Teaching and Learning
 - Innovative methods (i.e., team-based learning or "flipping the classroom")
 - E-learning
 - GME performance metric
 - Student to resident transitions
 - Fostering the physician investigator
- Health Care Disparities
- Community Engagement
- High Value Care/Quality and Safety
 - Teaching quality improvement and patient safety
 - Interdisciplinary quality collaboration

All grant recipients will be required to submit an outcomes report by March 1, 2018 and will be required to disseminate their results through a meeting, scholarly publication, etc.

Deadline: November 04, 2016

Link: <http://www.im.org/p/cm/ld/fid=1332>

#4

PD Target Pipeline Program (Michael J. Fox Foundation)

The Michael J. Fox Foundation for Parkinson's Research believes that a major hurdle in the development of promising treatments for Parkinson's disease is the lack of well-validated targets linked to the disease process. By promoting critical

target validation studies within academic and industry laboratories, MJFF investments can de-risk subsequent drug development and ultimately accelerate the creation of innovative therapies for Parkinson's patients.

Part of the foundation's Edmond J. Safra Core Programs for PD Research, the Target Advancement program seeks to build robust evidence to rationalize biological pathways and targets for further translation into new treatments for Parkinson's disease. The program awards grants in two categories: Target Validation and Target Optimization.

- 1) Target Validation Pilot awards provide up to \$100,000 over a year in support of research on promising, novel, PD-relevant targets. These awards are well-suited to projects where hypothetical or experimental rationale for a target is compelling but where limited and study results can make the case for continuing (or discontinuing) a line of research. Target Validation awards also support projects that address roadblocks and knowledge gaps in our understanding of biological mechanisms associated with high-priority PD targets already supported by a strong body of validation data: alpha-synuclein, LRRK2, GBA, Nurr1, parkin, and trophic factors.
- 2) Target Optimization awards provide up to \$200,000 over two years in support of collaborative, multi-institutional teams working to build more robust datasets that can validate targets within a specific, prioritized biological pathway as defined by MJFF scientific staff. For the Fall 2016 round, the foundation invites projects designed to probe the therapeutic potential of targeting mechanisms of dystonia associated with PD. This award is well suited to projects where hypothetical or experimental is compelling but limited and study results can make the case for continuing (or discontinuing) a line of research for eventual PD therapeutic development.

For consideration, pre-proposals must be received no later than May 18. Upon review, selected applicants will be invited to submit a full proposal by July 1, 2016.

Deadline: Pre-proposals May 18, 2016 Invited Proposal July 01, 2016

Link: <https://www.michaeljfox.org/research/grant-detail.php?id=27>

#5

Scientist Development Award (Rheumatology Research Foundation)

This award is designed for individuals in the early stages of their career or those without significant prior research experience who plan to embark on careers in biomedical and/or clinical research in arthritis and rheumatic diseases. The purpose of this award is to provide support for a structured research training program for rheumatologists or health professionals in the field of rheumatology.

This mentored career development program provides support for salary as well as research and/or education costs for the early years of research training in an environment where trainees may interact with established investigators in a clinical unit involved in the care of rheumatic diseases. The goal of funding at this level is to provide an opportunity for young scientists to embark on focused research and research training that will allow them to be competitive for the next level of career development awards. Through this award, the Foundation provides a means for ensuring more qualified, highly-trained investigators in the field of rheumatology.

Note: Junior investigators with a faculty appointment who are between the period of completed fellowship training and establishment as an independent investigator should consider applying for the Investigator Award.

Award Amount: Up to \$225,000 for up to 3 years

Deadline: July 01, 2016

Link: http://www.rheumresearch.org/file/Awards/SDA_RFA.pdf

#6

Future Integrated Training Environment (FITE) (Department of the Navy - ONR)

N000014-16-S-BA06

The Office of Naval Research (ONR) is interested in receiving proposals for developing innovative science and technology to enhance training systems for the United States Marine Corps (USMC). The program's goal is to create a robust and efficient enterprise capability that allows the integration and interoperability of legacy, current, and future Marine Corps training information technology assets to enhance warfighter capability. Future Integrated Training Environment (FITE) has been approved as a new five year research opportunity under the Capable Manpower Pillar (CMP) Future Naval Capabilities (FNC) program. FITE is specifically focused on developing science and technology prototype capabilities to support the integration of Air and Ground Live, Virtual, and Constructive (LVC) training simulation capabilities.

Deadline: White Papers June 13, 2016 Proposal September 05, 2016

Link: https://www.fbo.gov/index?s=opportunity&mode=form&id=eaa23f2cdf9528d35515c99332dda892&tab=core&_cvview=0

#7

**Research Answers to NCI's Pediatric Provocative Questions (R21) (DHHS - NIH)
PAR-16-217**

The purpose of this Funding Opportunity Announcement (FOA) is to invite applications for research projects designed to use sound and innovative strategies to solve specific problems and paradoxes in childhood cancer research identified by the National Cancer Institute (NCI) as the NCI's Pediatric Provocative Questions (Pediatric PQs). These problems and paradoxes framed as questions are not intended to represent the full range of NCI's priorities in childhood cancer research. Rather, they are meant to challenge cancer researchers to think about and elucidate specific problems in key areas of pediatric cancer research that are deemed important but have not received sufficient attention.

The FOA includes 9 Pediatric PQs that represent diverse fields relevant to childhood cancer research, but all are framed to inspire interested scientists to conceive new approaches and/or feasible solutions. Each research project proposed in response to this FOA must be focused on addressing one particular research problem defined by one specific Pediatric PQ selected from the list.

Deadline: Letter of Intent 30 days prior to Application due date Applications June 30, 2016; November 24, 2016; June 23, 2017; November 24, 2017, by 5:00 PM local time of applicant

Link: <http://grants.nih.gov/grants/guide/pa-files/PAR-16-217.html>

#8

**Research Answers to NCI's Pediatric Provocative Questions (R01) (DHHS - NIH)
PAR-16-218**

The purpose of this Funding Opportunity Announcement (FOA) is to invite applications for research projects designed to use sound and innovative strategies to solve specific problems and paradoxes in childhood cancer research identified by the National Cancer Institute (NCI) as the NCI's Pediatric Provocative Questions (Pediatric PQs). These problems and paradoxes framed as questions are not intended to represent the full range of NCI's priorities in childhood cancer research. Rather, they are meant to challenge cancer researchers to think about and elucidate specific problems in key areas of pediatric cancer research that are deemed important but have not received sufficient attention.

The FOA includes 9 Pediatric PQs that represent diverse fields relevant to childhood cancer research, but all are framed to inspire interested scientists to conceive new approaches and/or feasible solutions. Each research project proposed in response to this FOA must be focused on addressing one particular research problem defined by one specific Pediatric PQ selected from the list.

Deadline: Letter of Intent 30 days prior to Application due date Applications June 30, 2016; November 24, 2016; June 23, 2017; November 24, 2017, by 5:00 PM local time of applicant

Link: <http://grants.nih.gov/grants/guide/pa-files/PAR-16-218.html>

#9

**Nutrition Obesity Research Centers (NORCs) (P30) (DHHS - NIH)
RFA-DK-16-006**

This Funding Opportunity Announcement (FOA) invites applications from institutions/organizations that propose to establish core centers that are part of an integrated and existing program of nutrition and/or obesity research. The Nutrition Obesity Research Centers (NORC) program is designed to support and enhance the national research effort in nutrition and obesity. NORCs support three primary research-related activities: Research Core services, a Pilot and Feasibility (P and F) program, and an Enrichment program. All activities pursued by Nutrition Obesity Research Centers are designed to enhance the efficiency, productivity, effectiveness and multidisciplinary nature of research in nutrition and obesity. The NIDDK Nutrition Obesity Research Centers program consists of 12 Centers, each located at outstanding research institutions with documented programs of excellence in nutrition and/or obesity research.

Only one application per institution is allowed, as defined in [Section III. 3. Additional Information on Eligibility.](#)

Deadline: Letter of Intent October 23, 2016 Applications November 23, 2016

Link: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DK-16-006.html>

#10

**Borders, Trade, and Immigration Research (Center for Borders, Trade & Immigration Research)
RFP-16-01**

The Center for Borders, Trade, and Immigration Research (CBTIR), led by the University of Houston, leads innovative research and educational initiatives to enhance the nation's ability to secure our borders, facilitate legitimate trade and travel, and ensure the integrity and effectiveness of our immigration system. Through a multi-disciplinary team of national and international experts, the Center delivers transformational technology-driven solutions, data-informed policies, workforce development opportunities for today's Homeland Security Enterprise, and trans-disciplinary education for the next generation of homeland security experts. More information on CBTIR may be found at cbtir.uh.edu.

- Theme Area 1 - Border Security: CBTIR focuses on multi-disciplinary technology and policy research related to border security. CBTIR seeks innovative research to develop technologies that address border security knowledge gaps. We are interested in innovative technologies for surveillance, detection, and identification to improve situational awareness at and near the border, while maintaining sensitivity to privacy, effectiveness, and affordability. We are also interested in research and development of technologies for detection, tracking, interdicting, and monitoring of high-risk or dangerous cargo, vehicles, and passengers. Specific research questions of current interest are outlined in Sec. B.
- Theme Area 2 - Legitimate Trade and Travel: CBTIR projects aim to facilitate legal trade and travel. CBTIR seeks innovative multidisciplinary research to identify and interdict dangerous passengers and cargo from legitimate flows. We seek research in risk management to better measure and understand the balance of trade facilitation, the expedited movement of commerce, and security. We are interested in innovative ways to differentiate routinely between high- and low-risk people and cargo and expedite movement of the latter through the global system. Specific research questions of current interest are outlined in Sec. B.
- Theme Area 3 – Immigration: CBTIR seeks research in innovative and improved methods to provide accurate and useful information about immigration to the public. We are interested in research that addresses the effects and impacts of immigration policies. We seek research to better predict future immigration flows to and from the U.S., and innovative methods to enable better understanding the population dynamics of the immigrant population. Specific research questions of current interest are outlined in Sec. B.

This call is being issued to a wide audience and solicits proposals that will focus on interdisciplinary research, education, and technology development in the areas of borders, trade, and immigration.

Total funding under this call will be approximately \$3,000,000. For research categories 1 – 7 noted above (i.e, Port of the future, trade compliance, connecting cargo to people and TCOs, power for remote surveillance, hand-held surveillance technology, migration strategic indicators, and missed detections) funding for each award will be up to \$500,000 with a performance period of up to three years. Approximately six awards are anticipated for these categories of research.

All applicants must be associated with an accredited U.S. college, university, or nonprofit.

Deadline: May 25, 2016

Link: <http://www.uh.edu/cbtir/funding-ops/rfp-16-01/>

#11

**DoD Autism Clinical Trial Award (Department of Defense - Dept. of the Army -- USAMRAA)
W81XWH-16-ARP-CTA**

Applications to the Fiscal Year 2016 (FY16) Autism Research Program (ARP) are being solicited for the Defense Health Agency, Research, Development, and Acquisition (DHA RDA) Directorate, by the U.S. Army Medical Research Acquisition Activity (USAMRAA). As directed by the Office of the Assistant Secretary of Defense for Health Affairs (OASD[HA]), the DHA RDA Directorate manages the Defense Health Program (DHP) Research, Development, Test, and Evaluation (RDT&E) appropriation. The managing agent for this Program Announcement/Funding Opportunity is the Congressionally Directed Medical Research Programs (CDMRP). The ARP was initiated in 2007 to provide support for research of exceptional scientific merit and innovation with high impact that focuses on autism spectrum disorder (ASD). Appropriations for the ARP from FY07 through FY15 totaled \$58.86 million (M). The FY16 appropriation is \$7.5M.

The ARP's vision is to improve the lives of individuals with ASD now by promoting innovative research that advances the understanding of ASD and leads to improved outcomes.

The FY16 ARP Clinical Trial Award seeks applications from all areas of clinical research, and *strongly encourages* applications that address the critical needs of the ASD community in one or more of the following areas:

- Behavioral, cognitive, and other non-pharmacological therapies
- Pharmacological treatments in autism or well-defined subgroups of autism
- Dissemination/Implementation of efficacious behavioral interventions (including measures of fidelity and outcomes)
- Therapies to alleviate conditions co-occurring with ASD (e.g., sleep disturbances, gastrointestinal issues, aggression, depression, anxiety, attention deficit)

Deadline: Pre-application June 22, 2016 Invited Applications September 29, 2016

Link: <http://www.grants.gov/web/grants/search-grants.html?keywords=W81XWH-16-ARP-CTA>

#12

DoD Autism Idea Development Award (Department of Defense - Dept. of the Army -- USAMRAA)
W81XWH-16-ARP-IDA

Applications to the Fiscal Year 2016 (FY16) Autism Research Program (ARP) are being solicited for the Defense Health Agency, Research, Development, and Acquisition (DHA RDA) Directorate, by the U.S. Army Medical Research Acquisition Activity (USAMRAA). As directed by the Office of the Assistant Secretary of Defense for Health Affairs (OASD[HA]), the DHA RDA Directorate manages the Defense Health Program (DHP) Research, Development, Test, and Evaluation (RDT&E) appropriation. The managing agent for this Program Announcement/Funding Opportunity is the Congressionally Directed Medical Research Programs (CDMRP). The ARP was initiated in 2007 to provide support for research of exceptional scientific merit and innovation with high impact that focuses on autism spectrum disorder (ASD). Appropriations for the ARP from FY07 through FY15 totaled \$58.86 million (M). The FY16 appropriation is \$7.5M.

The ARP's vision is to improve the lives of individuals with ASD now by promoting innovative research that advances the understanding of ASD and leads to improved outcomes.

The FY16 ARP Idea Development Award seeks applications from all areas of basic and preclinical research and *strongly encourages* applications that address the critical needs of the ASD community in one or more of the following areas:

- Assessment of novel therapeutics using valid preclinical models
- Environmental risk factors
- Mechanisms of heterogeneous clinical expression of ASD
- Mechanisms underlying conditions co-occurring with ASD (e.g., sleep disturbances, gastrointestinal issues, aggression, depression, anxiety, attention deficit)
- Factors promoting success in key transitions to independence for individuals living with ASD

Deadline: Pre-applications June 22, 2016 Invited Applications September 29, 2016

Link: <http://www.grants.gov/web/grants/search-grants.html?keywords=W81XWH-16-ARP-IDA>

Janet Gregory

Grants Manager

Ohio Supercomputer Center (OSC)

A member of the Ohio Technology Consortium

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jgregory@osc.edu

Research-Team mailing list

Research-Team@lists.osc.edu

<https://lists.osu.edu/mailman/listinfo/research-team>

csfunding mailing list

csfunding@cs.unc.edu

<https://fafnir.cs.unc.edu/mailman/listinfo/csfunding>

Message

From: Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]
on behalf of Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov> [amelia.brown@associates.hq.dhs.gov]
Sent: 5/5/2016 7:34:26 PM
To: Pozmancier, Michael [michael.pozmancier@HQ.DHS.GOV]; Fabian Monroe [fabian@cs.unc.edu]; Kevin Snow [kzsnow@cs.unc.edu]; Roberto Perdisci ; Dowson, Scott T [Scott.Dowson@pnnl.gov]; Riensche, Roderick M (rmr@pnnl.gov) [rmr@pnnl.gov]; Rieger, Craig G (craig.rieger@inl.gov) [craig.rieger@inl.gov]; Bruner, Todd (tbruner@sandia.gov) [tbruner@sandia.gov]; Chavez, Adrian (adrchav@sandia.gov) [adrchav@sandia.gov]; Hamlet, Jason R (jrhamle@sandia.gov) [jrhamle@sandia.gov]; wmstout@sandia.gov; Goodall, John R. (jgoodall@ornl.gov) [jgoodall@ornl.gov]; Timothy R Klett [timothy.klett@inl.gov]
CC: Godwin, Scott (scott.godwin@pnnl.gov) [scott.godwin@pnnl.gov]; Peterson, Elena S [elena@pnnl.gov]; Duggan, David P [dduggan@sandia.gov]; Joseph Trien (trienjp@ornl.gov) [trienjp@ornl.gov]; Smith, Shelby L (CTR) [shelby.smith@associates.hq.dhs.gov]; Moore, Jason (CTR) [jason.moore@associates.hq.dhs.gov]
Subject: RE: TTP Energy event - important information
Attachments: TTP Energy Demo Agenda - FY15v5.pdf

All,

Attached is the updated agenda. Please review and let me know if there are any concerns, especially if you have a different team member presenting. Please send any changes by COB tomorrow, 5/6.

Thanks!

Amelia

From: Brown, Amelia (CTR)
Sent: Tuesday, May 3, 2016 9:35 AM
To: Pozmancier, Michael <michael.pozmancier@HQ.DHS.GOV>; 'Fabian Monroe' <fabian@cs.unc.edu>; 'Kevin Snow' <kzsnow@cs.unc.edu>; 'Roberto Perdisci ; 'Dowson, Scott T' <Scott.Dowson@pnnl.gov>; 'Riensche, Roderick M (rmr@pnnl.gov)' <rmr@pnnl.gov>; 'Rieger, Craig G (craig.rieger@inl.gov)' <craig.rieger@inl.gov>; 'Bruner, Todd (tbruner@sandia.gov)' <tbruner@sandia.gov>; 'Chavez, Adrian (adrchav@sandia.gov)' <adrchav@sandia.gov>; 'Hamlet, Jason R (jrhamle@sandia.gov)' <jrhamle@sandia.gov>; 'wmstout@sandia.gov' <wmstout@sandia.gov>; 'Goodall, John R. (jgoodall@ornl.gov)' <jgoodall@ornl.gov>; Timothy R Klett <timothy.klett@inl.gov>
Cc: 'Godwin, Scott (scott.godwin@pnnl.gov)' <scott.godwin@pnnl.gov>; 'Peterson, Elena S' <elena@pnnl.gov>; 'Duggan, David P' <dduggan@sandia.gov>; 'Joseph Trien (trienjp@ornl.gov)' <trienjp@ornl.gov>; Smith, Shelby L (CTR) <shelby.smith@associates.hq.dhs.gov>; Moore, Jason (CTR) <jason.moore@associates.hq.dhs.gov>
Subject: TTP Energy event - important information

Reminder, today is the last day to book your hotel at the guaranteed government rate! Link below for easy booking. Don't forget to register for the event as well! Reg information in the attached invite.

If you need to ship equipment ahead of time, please use the following address and information:

JW Marriott Downtown Houston
C/O: James Gleeson
Hold for TTP Energy 5/17-5/18, 2016
806 Main Street
Houston, TX 77002

Please let me know if you have any questions!

Regards,
Amelia

The venue has officially been awarded and we have set up a room block at the JW Marriott. You can book your hotel online: **Book your group rate for TTP Energy Tech** You MUST make your reservation by May 3rd to get the government rate of \$147. Please make sure to register all attendees for the Tech Demo Day, link is in the attached invite. Please distribute the invite to your networks!

On May 17th, we will be meeting in the Monet Ballroom (where the plenary session will be held) at 5pm to run through your slides and get breakout room assignments. You will be able to set up your equipment to check your AV needs and ensure everything runs properly. This should only take 1 hour. Please let me know ASAP if your travel plans will not allow you to attend the dryrun.

Please send completed slide deck (for your 15 minute morning presentation) to Mike and myself NLT Monday, May 16. We will load final presentations and have them ready for the dry run on the 17th.

Let me know if you have any questions in the meantime. We look forward to another successful event!

Regards,
Amelia

From: Pozmantier, Michael

Sent: Wednesday, April 20, 2016 1:00 PM

To: Fabian Monroe <fabian@cs.unc.edu>; Kevin Snow <kzsnow@cs.unc.edu>; Roberto Perdisci <Roberto.Perdisci@ornl.gov>; Dowson, Scott T <Scott.Dowson@pnnl.gov>; Riensche, Roderick M (rmr@pnnl.gov) <rmr@pnnl.gov>; Rieger, Craig G (craig.rieger@inl.gov) <craig.rieger@inl.gov>; Bruner, Todd (tbruner@sandia.gov) <tbruner@sandia.gov>; Chavez, Adrian (adrchav@sandia.gov) <adrchav@sandia.gov>; Hamlet, Jason R (jrhamle@sandia.gov) <jrhamle@sandia.gov>; wmstout@sandia.gov; Goodall, John R. (jgoodall@ornl.gov) <jgoodall@ornl.gov>

Cc: Godwin, Scott (scott.godwin@pnnl.gov) <scott.godwin@pnnl.gov>; Peterson, Elena S <elena@pnnl.gov>; Duggan, David P <dduggan@sandia.gov>; Joseph Trien (trienjp@ornl.gov) <trienjp@ornl.gov>; Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov>; Smith, Shelby L (CTR) <shelby.smith@associates.hq.dhs.gov>

Subject: RE: Upcoming TTP Events - UPDATE

Attached is the official invitation to the event. Feel free to distribute. We've got the venue contract all but awarded, the venue needed to get through a registration in gov procurement data base. Once that is complete we'll find out about a room block there. As it stands several of us are booked at the Hyatt Regency and Courtyard near the venue.

Please make your travel arrangements.

From: Pozmantier, Michael

Sent: Friday, April 08, 2016 2:01 PM

To: 'Fabian Monroe'; 'Kevin Snow'; Roberto Perdisci <Roberto.Perdisci@ornl.gov>; 'Dowson, Scott T'; Riensche, Roderick M (rmr@pnnl.gov); Rieger, Craig G (craig.rieger@inl.gov); Bruner, Todd (tbruner@sandia.gov); Chavez, Adrian (adrchav@sandia.gov); Hamlet, Jason R (jrhamle@sandia.gov); 'wmstout@sandia.gov'; Goodall, John R. (jgoodall@ornl.gov)

Cc: Godwin, Scott (scott.godwin@pnnl.gov); Peterson, Elena S; 'Duggan, David P'; Joseph Trien (trienjp@ornl.gov); Brown, Amelia (CTR); Smith, Shelby L (CTR) (shelby.smith@associates.hq.dhs.gov)

Subject: RE: Upcoming TTP Events - UPDATE

Importance: High

To follow up on the message I sent a month ago, we should be awarding the venue contact for Houston next week so the information below is good. We'll be confirming with the hotel whether or not they can provide a per diem room block and I'll let you know as soon as we find out. The official invitation will go out once the award is complete so please think of people who might be interested in attending this event and pass the invite along to them once you have it. While focused on the Energy Sector, the event is open to anyone who might be interested in attending.

As with the event in NYC, the setup is the afternoon/evening the day prior to the event and two technical team members are allowed to come for each technology. Program Managers and Tech Transfer Reps are also welcome. That said this event will be different from NYC because you all will be the only technologies showcased therefore you will have 15 minutes to present in the morning as opposed to ten. The afternoon will work the same way, but will half of the technologies for the attendees to see so hopefully more time for you all to interact with them.

We'll have more info on the June event in DC in the next week or two.

Please let me know if you all have any questions. We're happy to help you with your presentation or demo if you need it.

Best,

Mike

From: Pozmantier, Michael

Sent: Tuesday, March 08, 2016 12:53 PM

To: Fabian Monroe; 'Kevin Snow'; Roberto Perdisci _____; 'Dowson, Scott T'; Riensche, Roderick M (rnr@pnnl.gov); Rieger, Craig G (craig.rieger@inl.gov); Bruner, Todd (tbruner@sandia.gov); Chavez, Adrian (adrchav@sandia.gov); Hamlet, Jason R (jrhamle@sandia.gov); 'wmstout@sandia.gov'; Goodall, John R. (jgoodall@ornl.gov)

Cc: Godwin, Scott (scott.godwin@pnnl.gov); Peterson, Elena S; Duggan, David P; Joseph Trien (trienjp@ornl.gov); Brown, Amelia (CTR); Smith, Shelby L (CTR) (shelby.smith@associates.hq.dhs.gov)

Subject: Upcoming TTP Events

All,

We are close to finalizing two Tech Demo Day events in May and June. They are:

Energy – Houston, JW Marriott Downtown – May 18

Gov/I3 East – DC, The Mayflower – June 21

As always set up, is the day prior. Please start making plans to be at these events to present and demonstrate your work. We'll try to get sleeping room blocks set up when we complete the contracts.

In addition to the events listed, we'll be working on setting up a the I3 West Event for Silicon Valley later in the summer. That event will be your final Demo Day.

Let me know if you have any questions or concerns.

Thanks,

Mike

Michael Pozmantier

Program Manager – Transition to Practice

Cyber Security Division

Department of Homeland Security – Science and Technology Directorate

(o) 202-254-2366

(bb)

Cyber Security Division Transition to Practice Technology Demonstration Day - Energy



- 8:30 AM – 9:30 AM** **Registration**
- 9:30 AM – 9:45 AM** **Opening Remarks**
Michael Pozmantier, Program Manager, Cyber Security Division, DHS S&T
- 9:45 AM – 10:45 AM** **Technology Presentations**
Autonomic Intelligent Cyber Sensor (AICS): Craig Rieger, Idaho National Lab
Situ – John Goodall, Oak Ridge National Lab
Scalable Reasoning System (SRS) – Scott Dowson, Pacific Northwest National Lab
Dynamic Defense & Network Randomization (DDNR) – Adrian Chavez, Sandia National Labs
- 10:45 AM – 11:15 AM** **Collaboration / Networking**
- 11:15 AM – 12:00 PM** **Technology Presentations**
SCOT – Todd Bruner, Sandia National Labs
AMICO – Roberto Perdisci, University of Georgia
ZeroPoint– Kevin Snow, University of North Carolina at Chapel Hill
- 12:00 PM – 12:05 PM** **Introduction to Afternoon Session and Technology Demonstrations**
Michael Pozmantier, Program Manager, Cyber Security Division, DHS S&T
- 12:05 PM – 1:05 PM** **Lunch**
- 1:05 PM – 3:30 PM** **Technology Demonstrations**
Technology demonstrations will be held every 25 minutes throughout the afternoon to allow attendees to view each technology.

Demonstration Schedule

Technology	Room	1:05-1:25	1:30-1:50	1:55-2:15	2:20-2:40	2:45-3:05	3:10-3:30
AICS	TBD						
Situ	TBD						
SRS	TBD						
DDNR	TBD						
SCOT	TBD						
AMICO	TBD						
ZeroPoint	TBD						

Demonstration	
No Demonstration	

Message

From: Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]
on behalf of Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov> [amelia.brown@associates.hq.dhs.gov]
Sent: 5/26/2016 2:56:28 PM
To: Pozmantier, Michael [michael.pozmantier@HQ.DHS.GOV]; Fabian Monrose [fabian@cs.unc.edu]; Kevin Snow [kzsnow@cs.unc.edu]; Roberto Perdisci ; Dowson, Scott T [Scott.Dowson@pnnl.gov]; Riensche, Roderick M (rmr@pnnl.gov) [rmr@pnnl.gov]; Rieger, Craig G (craig.rieger@inl.gov) [craig.rieger@inl.gov]; Bruner, Todd (tbruner@sandia.gov) [tbruner@sandia.gov]; Chavez, Adrian (adrchav@sandia.gov) [adrchav@sandia.gov]; Hamlet, Jason R (jrhamle@sandia.gov) [jrhamle@sandia.gov]; wmstout@sandia.gov; Goodall, John R. (jgoodall@ornl.gov) [jgoodall@ornl.gov]; Timothy R Klett [timothy.klett@inl.gov]; Ferragut, Erik M. [ferragutem@ornl.gov]
CC: Godwin, Scott (scott.godwin@pnnl.gov) [scott.godwin@pnnl.gov]; Peterson, Elena S [elena@pnnl.gov]; Duggan, David P [dduggan@sandia.gov]; Joseph Trien (trienjp@ornl.gov) [trienjp@ornl.gov]; Smith, Shelby L (CTR) [shelby.smith@associates.hq.dhs.gov]; Moore, Jason (CTR) [jason.moore@associates.hq.dhs.gov]
Subject: TTP DC event
Attachments: CSD_TTP_DemoDay_Invite.pdf; TTP DC Demo Agenda - FY15 - final.pdf

Good Morning,

The invitation for the TTP DC event on 6/21 is attached. Please forward to your DC networks. Registration is open until 6/16, make sure to register!

We are still working on an answer about a room block at the Mayflower, the request is still in process with the asset manager... I will send out that information as soon as possible.

If you have any changes to your presentation from TTP Energy, please send to Mike and I by June 20. Attached is the updated agenda, please let us know ASAP if you have a change in the presenter.

Please let us know if you have any questions. Have a fun and safe Memorial Day Weekend ☺

Amelia



Homeland Security

Science and Technology

CYBER SECURITY DIVISION

Transition to Practice Technology Demonstration Day

IN BRIEF

The Transition to Practice (TTP) program focuses on moving promising cybersecurity technologies that were developed in Federal laboratories into the private sector for further development into commercially viable products with potential for widespread distribution in the marketplace.

This TTP event will feature eight innovative cybersecurity technologies from the Fiscal Year 2016 class that have been developed by Department of Energy and Department of Defense National Laboratories and have the potential to significantly strengthen an organization's cybersecurity posture. Join discussions with technology investors from private industry on piloting the technologies and other areas of interest for driving further cybersecurity research.

WHO SHOULD ATTEND

All cybersecurity practitioners, technology investors, systems integrators and IT professionals are welcome to attend.

REGISTRATION

To register, go to: <http://www.cvent.com/d/zfq5fz>

Registration is complimentary. Space is limited.

DETAILS

June 21, 2016

9:30 a.m. – 3:45 p.m.

Registration will open at 8:30 a.m.

Mayflower Hotel

1127 Connecticut Ave NW
Washington, DC 20036

202.347.3000

HOSTED BY

The Department of Homeland Security,
Science and Technology Directorate,
Homeland Security Advanced Research
Projects Agency, Cyber Security Division,
Transition to Practice (TTP) Program

QUESTIONS

Michael Pozmantier
TTP Program Manager
ST.TTP@hq.dhs.gov

*TTP is a result of the White House's
Federal Cybersecurity R&D Strategic
Plan and the Comprehensive National
Cybersecurity Initiative.*

Cyber Security Division Transition to Practice Technology Demonstration Day



- 8:30 AM – 9:30 AM** **Registration**
- 9:30 AM – 9:45 AM** **Opening Remarks**
Michael Pozmantier, Program Manager, Cyber Security Division, DHS S&T
- 9:45 AM – 10:00 AM** **Keynote Speaker**
TBD
- 10:00 AM – 11:00 AM** **Technology Presentations**
Autonomic Intelligent Cyber Sensor (AICS) – Tim Klett, Idaho National Lab
Situ – Erik Ferragut, Oak Ridge National Lab
Scalable Reasoning System (SRS) – Rick Riensche, Pacific Northwest National Lab
Dynamic Defense & Network Randomization (DDNR) – Adrian Chavez, Sandia National Labs
- 11:00 AM – 11:30 AM** **Collaboration / Networking**
- 11:30 AM – 12:15 PM** **Technology Presentations**
SCOT – Todd Bruner, Sandia National Labs
AMICO – Roberto Perdisci, University of Georgia
ZeroPoint– Kevin Snow, University of North Carolina at Chapel Hill
- 12:15 PM – 12:20 PM** **Introduction to Afternoon Session and Technology Demonstrations**
Michael Pozmantier, Program Manager, Cyber Security Division, DHS S&T
- 12:20 PM – 1:20 PM** **Lunch**
- 1:20 PM – 3:45 PM** **Technology Demonstrations**
Technology demonstrations will be held every 25 minutes throughout the afternoon to allow attendees to view each technology.

Demonstration Schedule

Technology	Room	1:20-1:40	1:45-2:05	2:10-2:30	2:35-2:55	3:00-3:20	3:25-3:45
AICS	TBD						
Situ	TBD						
SRS	TBD						
DDNR	TBD						
SCOT	TBD						
AMICO	TBD						
ZeroPoint	TBD						

Demonstration	
No Demonstration	

Message

From: Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]
on behalf of Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov> [amelia.brown@associates.hq.dhs.gov]
Sent: 6/14/2016 6:46:00 PM
To: Pozmantier, Michael [michael.pozmantier@HQ.DHS.GOV]; Fabian Monrose [fabian@cs.unc.edu]; Kevin Snow [kzsnow@cs.unc.edu]; Roberto Perdisci (roberto.perdisci@gmail.com) [roberto.perdisci@gmail.com]; Dowson, Scott T [Scott.Dowson@pnnl.gov]; Riensche, Roderick M (rmr@pnnl.gov) [rmr@pnnl.gov]; Rieger, Craig G (craig.rieger@inl.gov) [craig.rieger@inl.gov]; Bruner, Todd (tbruner@sandia.gov) [tbruner@sandia.gov]; Chavez, Adrian (adrchav@sandia.gov) [adrchav@sandia.gov]; Hamlet, Jason R (jrhamle@sandia.gov) [jrhamle@sandia.gov]; wmstout@sandia.gov; Goodall, John R. (jgoodall@ornl.gov) [jgoodall@ornl.gov]; Timothy R Klett [timothy.klett@inl.gov]; Ferragut, Erik M. [ferragutem@ornl.gov]
CC: Godwin, Scott (scott.godwin@pnnl.gov) [scott.godwin@pnnl.gov]; Peterson, Elena S [elena@pnnl.gov]; Duggan, David P [dduggan@sandia.gov]; Joseph Trien (trienjp@ornl.gov) [trienjp@ornl.gov]; Smith, Shelby L (CTR) [shelby.smith@associates.hq.dhs.gov]; Moore, Jason (CTR) [jason.moore@associates.hq.dhs.gov]
Subject: RE: TTP DC event
Attachments: TTP_DemoDay_DC_Final.pdf; TTP DC Demo Agenda - FY15 - final.pdf

Reminder, registration closes on Thursday! See attached invite for registration link. Attached is the updated agenda, last chance to make any changes!

We will be meeting at the Mayflower Hotel on Monday, June 20 at 4pm to run through your presentations and make sure demos are ready to go. Please let me know if you will not be able to make it due to travelling conflicts.

Also, since this is Mike's last event with the group, we plan to do a drink afterwards to send him off. Location TBD but will be near the hotel, hope you can join us!

Please let me know if you have any questions.

See you next week-
Amelia

Good Morning,

The invitation for the TTP DC event on 6/21 is attached. Please forward to your DC networks. Registration is open until 6/16, make sure to register!

We are still working on an answer about a room block at the Mayflower, the request is still in process with the asset manager... I will send out that information as soon as possible.

If you have any changes to your presentation from TTP Energy, please send to Mike and I by June 20. Attached is the updated agenda, please let us know ASAP if you have a change in the presenter.

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Amelia



Homeland Security

Science and Technology

CYBER SECURITY DIVISION

Transition to Practice Technology Demonstration Day

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QUESTIONS

Michael Pozmantier
TTP Program Manager
ST.TTP@hq.dhs.gov

*TTP is a result of the White House's
Federal Cybersecurity R&D Strategic
Plan and the Comprehensive National
Cybersecurity Initiative.*

Cyber Security Division Transition to Practice Technology Demonstration Day



Homeland Security

Science and Technology

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- 9:30 AM – 9:45 AM** **Opening Remarks**
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SCOT – Todd Bruner, Sandia National Labs
AMICO – Roberto Perdisci, University of Georgia
ZeroPoint– Kevin Snow, University of North Carolina at Chapel Hill
- 12:00 PM – 1:00 PM** **Lunch**
- 1:00 PM – 3:25 PM** **Technology Demonstrations**
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Demonstration Schedule

Technology	Room	1:00- 1:20	1:25- 1:45	1:50- 2:10	2:15- 2:35	2:40- 3:00	3:05- 3:25
AICS	New York						
AMICO	Massachusetts						
DDNR	Rhode Island						
SCOT	Pennsylvania						
Situ	Georgia						
SRS	South Carolina						
ZeroPoint	Virginia						

Demonstration	
No Demonstration	

Message

From: Kevin Snow [kzsnow@cs.unc.edu]
on behalf of Kevin Snow <kzsnow@cs.unc.edu> [kzsnow@cs.unc.edu]
Sent: 7/8/2016 9:25:05 PM
To: Liao, Peter [liaopb@unc.edu]
CC: Carlsten, Nadia (CTR) [nadia.carlsten@associates.hq.dhs.gov]; Nikolich, Anita [ANIKOLIC@nsf.gov]; Smith, Shelby L (CTR) [shelby.smith@associates.hq.dhs.gov]; Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]; Fabian Monroe [fabian@cs.unc.edu]
Subject: Re: TTP Press release- ZeroPoint
Attachments: TTP Press Release - 6th Licensed Technology_ZeroPoint_v4.docx

Peter,

The document is attached.

Cheers,
Kevin

On Fri, Jul 8, 2016 at 4:30 PM, Liao, Peter <liaopb@unc.edu> wrote:

Happy to help. Could you please forward a copy of the text – I've not received the attachment with any of the emails. Thanks!

Best regards,

Peter

Peter Liao

Commercialization Manager | Office of Commercialization & Economic Development

The University of North Carolina at Chapel Hill

100 Europa Drive, Suite 430 | Chapel Hill, NC 27517 | (p) [919-966-3929](tel:919-966-3929) (f) [919-962-0646](tel:919-962-0646)

Campus Office: 212 Sitterson Hall

Campus Office Phone: [919-843-5028](tel:919-843-5028)

From: Carlsten, Nadia (CTR) [mailto:nadia.carlsten@associates.hq.dhs.gov]
Sent: Friday, July 08, 2016 4:29 PM
To: cs_kzsnow.con; Liao, Peter
Cc: Nikolich, Anita; Smith, Shelby L (CTR); Brown, Amelia (CTR); Fabian Monroe
Subject: RE: TTP Press release- ZeroPoint

Thanks Kevin. Peter, we will wait for your review/approval, let us know if you have any questions.

Thank you,
Nadia

From: Kevin Snow
Sent: Friday, July 08, 2016 2:35:50 PM
To: Carlsten, Nadia (CTR); Peter Liao
Cc: Nikolich, Anita; Smith, Shelby L (CTR); Brown, Amelia (CTR); Fabian Monroe
Subject: Re: TTP Press release- ZeroPoint

Hi Nadia,

The content looks good to me. I'm told that anything mentioning UNC should go through Peter Liao on the UNC side. I'm copying him in this reply.

Cheers,
Kevin

On Fri, Jul 8, 2016 at 12:55 PM, Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov> wrote:

Kevin, Anita,

Attached is the press release for the ZeroPoint transition. Please review and approve if no comments/edits so that we can proceed with the internal review process. Kevin, I don't have additional contacts for UNC, if additional approval from UNC is needed please identify who the contact should be and let us know.

Thank you,

Nadia Carlsten, Ph.D

Transition to Practice

Cyber Security Division (CSD)

Homeland Security Advanced Research Projects Agency (HSARPA)

Science and Technology Directorate (S&T)

Department of Homeland Security (DHS)

nadia.carlsten@associates.hq.dhs.gov

Office: [\(202\) 254-2366](tel:(202)254-2366)



Homeland
Security

Press Release

July XX, 2016

Contact: S&T Public Affairs, 202-254-2385

DHS S&T TRANSITION TO PRACTICE PROGRAM TRANSITIONS SIXTH CYBERSECURITY TECHNOLOGY FOR COMMERCIALIZATION

Washington, DC—The Department of Homeland Security (DHS) Science and Technology Directorate (S&T) has announced a sixth cybersecurity technology is being transitioned for commercialization as a part of its Cyber Security Division's (CSD) Transition to Practice (TTP) program.

ZeroPoint technology, an exploit detection and analytics tool funded by the National Science Foundation and developed by researchers at the University of North Carolina at Chapel Hill, has spun-off as a startup company, Zeropoint Dynamics. The technology focuses on analyzing email, web content and server traffic for potentially hazardous content known as exploit payloads. With this technology an end-user will not need to guess whether a document is infected with malicious code, but will be notified quickly before data is lost.

"Today, phishing and web-based attacks are all too familiar," said DHS Under Secretary for Science and Technology Dr. Reginald Brothers. "Providing innovative, effective and user-friendly technology is S&T's priority and is essential to protecting against full-scale data breaches."

The TTP program complements the S&T process of funding projects through the full research-and-development lifecycle to the commercial marketplace. In spring 2014, the TTP program identified ZeroPoint as a promising candidate for transition to the commercial marketplace. The key to the ZeroPoint approach is a patented "execution-of-data" technology that uses an advanced micro-OS built into the analysis engine to enable fast, accurate inspections of data and memory to identify malicious code.

"In the past, detection approaches have relied on previously observed attacks, which are complex and costly," said CSD Director Douglas Maughan. "The ZeroPoint approach is a unique technology that provides fast, transparent and accurate detection to stop cyber adversaries from harming enterprise infrastructure and networks."

Each fiscal year the TTP program selects up to nine promising cybersecurity technologies developed with federal funding to incorporate into its 36-month transition-to-market program. TTP introduces these technologies to cybersecurity professionals around the country with the goal of transitioning them to investors, developers and integrators that can advance the technology and turn it into commercially viable products.

TTP has 24 active technologies and eight additional technologies that have completed the program's three-year process and are ready for transition to the marketplace. Six of those technologies—Quantum Secured

Communication, Hyperion, NeMS, PathScan, PACRAT and now ZeroPoint—have successfully transitioned to the marketplace.

With the success of the ZeroPoint transition, S&T hopes commercial technology partners and end-users will take notice of other technologies not only in the TTP program, but in the entire government R&D community as solutions to complex cybersecurity issues.

For more information about the TTP program, visit scitech.dhs.gov/cyber-research, view the project video or email ST.TTP@hq.dhs.gov.

CSD's mission is to enhance the security and resilience of the nation's critical information infrastructure and the Internet by developing and delivering new technologies, tools and techniques to defend against cyberattacks. The division conducts and supports technology transitions and leads and coordinates R&D among the R&D community, which includes DHS customers, government agencies, the private sector and international partners. For more information about CSD, visit <https://www.dhs.gov/cyber-research>.

###

Message

From: Fabian Monroe [fabian@cs.unc.edu]
on behalf of Fabian Monroe <fabian@cs.unc.edu> [fabian@cs.unc.edu]
Sent: 7/15/2016 1:41:39 AM
To: Joaquin Garcia-Alfaro [joaquin.garcia_alfaro@telecom-sudparis.eu]
CC: raid16chairs [raid16chairs@cs.unc.edu]
Subject: Re: Program for RAID'16
Attachments: prefaceLNCS9854-typos.pdf

Your changes look good! And thanks for adding in the external reviewers.

There were some typos on my end. I've highlighted them on the attached PDF. I also made them on the Google doc.

Cheers,
-Fabian

On Thu, Jul 14, 2016 at 5:56 PM, Joaquin Garcia-Alfaro <joaquin.garcia_alfaro@telecom-sudparis.eu> wrote:
Hi Fabian.

I got the text from your shared document and updated the LNCS files (see attached). I also updated the last paragraph, as per your request. Can you have a final look and let me know if everything is fine with you? If so, tomorrow morning we will upload the files to the LNCS server, to comply with the 9 weeks production deadline suggested by Springer (see attached the editor guidelines).

> Please note the winner of the award. Per last year, we will need the
> plaque made to be handed out at the conference. If you don't already
> have it, you might want to request the copy of the proof that the
> general chair used last year for the plaque.

Got it. We will take care of it. Thanks for the link to Manos' picture!

Best,

--

Joaquin

PS: we have added to the website the list of accepted contributions, as well as the tentative program (see <http://www.raid2016.org/program/>). Let me know in case anything needs to be updated.

On 2016-07-14 10:32 PM, Fabian Monroe wrote:

Hi Joaquin,
I shared a google doc (to your gmail address) with the preface. Please take a look and let me know if you need anything else. You'll likely want to edit the last paragraph to thank anyone else I missed.

Please note the winner of the award. Per last year, we will need the plaque made to be handed out at the conference. If you don't already have it, you might want to request the copy of the proof that the general chair used last year for the plaque.

Cheers,
-Fabian

On Wed, Jul 13, 2016 at 7:52 AM, Fabian Monroe <fabian@cs.unc.edu>
<<mailto:fabian@cs.unc.edu>>> wrote:

Hi Joaquin,
I've got a few pending deadlines, but I'll work on the preface on
Thursday. Will likely send you a link to a google doc with the
information.
Hope that's fine.
Cheers

Sent from my iPhone

> On Jul 12, 2016, at 8:27 AM, Joaquin Garcia-Alfaro
> <joaquin.garcia_alfaro@telecom-sudparis.eu>
> <mailto:joaquin.garcia_alfaro@telecom-sudparis.eu>> wrote:

>
> Hi Fabian,
>
> Thank you for your quick reply.
>
> We need to send the proceedings to Springer nine weeks before the
> start of the event (see attached). We will pack up everything, so
> that as soon as you send us the preface, we do upload the files to
> the ftp server of Springer, hoping to get the e-licenses on time. If
> we get it by Friday, we can still make it.
>
> Should you need anything, let us know.
>
> --
> Joaquin
>

>> On 2016-07-11 5:29 PM, Fabian Monroe wrote:
>> Thanks. I will take a closer look later, but I will not be able
>> to get
>> to the preface before Friday.
>> -Fabian
>>

>> On Mon, Jul 11, 2016 at 11:21 AM, Joaquin Garcia-Alfaro
>> <joaquin.garcia_alfaro@telecom-sudparis.eu>
>> <mailto:joaquin.garcia_alfaro@telecom-sudparis.eu>
>> <mailto:joaquin.garcia_alfaro@telecom-sudparis.eu>

<mailto:joaquin.garcia_alfaro@telecom-sudparis.eu>>> wrote:

>>
>> Hi Fabian and Marc,
>>
>> We have compiled a first version of the proceedings, using the
order

>> of papers & topics exchanged yesterday.
>>
>> Can you have a look at the table of contents, and let us know in
>> case you want us to make any changes? (we will update the author
>> index accordingly)

>> I'm attaching you as well the latex sources of the preface. Could
>> you please edit the first page?

>> Best,

>>

>> --

>> Joaquin

>>

>>

>> On 2016-07-10 11:24 PM, Joaquin Garcia-Alfaro wrote:

>>

>> Hi Fabian,

>>

>> We have important constraints on the starting time the
>> first day (we

>> scheduled 2 days and half, but starting on Monday
>> afternoon) and the

>> social events (cocktail on Monday at 6pm, during the poster
>> session &

>> banquet on Tuesday evening). What do you think about the
>> attached

>> suggestions to adapt your tentative program?

>>

>> About the proceedings, we have already started working on it.

>> Will send

>> you ASAP (if possible, tomorrow) the ToC, preface and
>> author index

>> associated to the proceedings (so that you can double
>> check and

>> validate

>> the organization of the papers). We just need the foreword

>> signed by you

>> and Marc. Can you send us a draft this week?

>>

>> Best,

>>

>>

>> --

>> Joaquin

>>

>> On 2016-07-10 7:13 PM, Fabian Monroe wrote:

>>

>> Hi Joaquin,

>> please find attached my suggestions for the layout of the
>> RAID'16

>> program. I've tried to organize the papers into
>> sessions, as

>> best as
>> possible. I'm not sure what constraints you have, w.r.t.
>> when the poster
>> session should be held, time of reception and any other
>> social events,
>> so I've listed these as placeholders/suggestions. In the
>> event we don't
>> have a keynote speaker on day 2, we'll just move the
times up
>> accordingly. I'll ping down the second keynote in the next
>> few weeks.
>>
>> Per our earlier discussion, please go ahead and put the
>> tentative
>> program online on Monday so that folks can see what the
>> program looks
>> like before registering. At the minimum, we should publish
>> the list of
>> papers and posters. All the information you need is
>> included in the
>> attached files. Obviously, we don't need to post the paper
>> numbers --
>> that's just there for book keeping. We have 21 paper
>> presentations and
>> 19 posters. You have access to HotCRP and so you can
>> download the final
>> versions of the papers to prepare the proceedings.
>>
>> @Marc: I checked with the shepherds and all gave
approval on the
>> camera-ready versions of the papers. If you have any
>> suggested changes
>> for the order of the program, please feel free to make
them and
>> coordinate with Joaquin.
>>
>> @Joaquin: please ack.
>>
>> Cheers,
>> -Fabian
>>
>> --
>> You received this message because you are subscribed
to the
>> Google
>> Groups "RAID 2016 Organizing Committee" group.
>> To unsubscribe from this group and stop receiving emails
>> from it, send
>> an email to raid16org+unsubscribe@cs.unc.edu
>> <mailto:raid16org%2Bunsubscribe@cs.unc.edu>
>> <mailto:raid16org%252Bunsubscribe@cs.unc.edu>>>

>> <<mailto:raid16org+unsubscribe@cs.unc.edu>
<<mailto:raid16org%2Bunsubscribe@cs.unc.edu>>
>> <<mailto:raid16org%2Bunsubscribe@cs.unc.edu>
<<mailto:raid16org%252Bunsubscribe@cs.unc.edu>>>>.
>>
>>
>>
>>
>> --
>> You received this message because you are subscribed to the Google
>> Groups "RAID 2016 Organizing Committee" group.
>> To unsubscribe from this group and stop receiving emails from it,
send
>> an email to raid16org+unsubscribe@cs.unc.edu
<<mailto:raid16org%2Bunsubscribe@cs.unc.edu>>
>> <<mailto:raid16org+unsubscribe@cs.unc.edu>
<<mailto:raid16org%2Bunsubscribe@cs.unc.edu>>>.
>
> <CS_Proceedings_editors.pdf>

Foreword

Welcome to the proceedings of the 19th International Symposium on Research in Attacks, Intrusions and Defenses (RAID). Since its inception nearly 20 years ago, RAID has established itself as a highly influential venue with a strong focus on intrusion detection and prevention. Over the past four years, the conference has broadened to include a wider spectrum of research in computer and communications security. This year's program is no different, and as a result, the conference offers a strong program covering papers in a multitude of important research areas in computer security. RAID 2016 received 85 submissions, 82 of which met the anonymity and formatting guidelines. The total number of submissions was down from the previous year, but the lower number of submissions could be attributed to a number of mitigating factors, most notably, the much earlier submission deadline of April (as opposed to June). From the submitted papers, the Program Committee (PC) selected 21 papers, representing an acceptance rate of 24.7%. The papers were reviewed using a double-blind reviewing process, ensuring that the reviewers were unaware of the authors or their affiliations until after the selection was finalized. All papers that were on-topic and met the formatting requirements received at least three reviews and the final selection was made during an in-person meeting, co-located with the IEEE Security and Privacy Symposium, in San Jose, California in May. We thank the authors of both accepted and rejected papers for submitting their research to RAID.

Building on the model set forth last year, the bulk of the meeting was spent discussing papers where the reviews from the PC were not in agreement. The task at hand was not only to identify those papers that were ready for publication, but to also identify promising work that could be improved before the camera-ready deadline. To arrive at the best possible program, the vast majority of accepted papers were assigned a shepherd to ensure that the camera-ready version addressed all the reviewers' concerns and suggested improvements. In many cases, these papers received several rounds of feedback by their shepherds.

It is prudent to note that in selecting PC members, we strived to keep a balance of recently-served PC members while also introducing new talent to the RAID conference. Our goal was to form a PC that included researchers who had not served on the RAID PC more than once in the past three years, and also had a proven track record in terms of top-tier publications. With these limitations in mind, we also made a special effort to extend an invitation to PC members of the 2015 committee who had shown exceptional service. Our hope was that in infusing new talent with more seasoned PC members who had a tendency to offer positive, constructive criticism in the past, the younger researchers would gain invaluable experience by serving on the PC, and more importantly, could help shape the direction of future RAID conferences.

It goes without saying that we are indebted to the entire RAID 2016 PC for selflessly dedicating their time to the process of selecting papers and providing detailed feedback to authors. Serving as a PC member is a no easy task, and we believe the recognition for these efforts is often overlooked. For that reason, and to encourage PC members to

provide thorough, constructive, feedback to the authors, we adopted the idea introduced last year of awarding an *Outstanding Reviewer* prize. To help select the winner, each PC member was encouraged to rate the reviews of other members, especially on papers they reviewed in common. Additionally, the chairs provided input regarding the set of candidates who went beyond the call of duty, for example, by taking on a higher review load than others, submitting all their reviews on time, and working diligently to find the diamonds in the ruff — even arguing for such papers in the face of significant opposition from other PC members! Many reviewers received positive ratings (a testament to the high quality of service we had on this year's PC) and after much deliberation, we are pleased to announce that the award goes to Roberto Perdisci (from the University of Georgia).

We are grateful to the general chair, Joaquin Garcia-Alfaro, and his assembled team for ensuring that the conference runs smoothly. Special thanks is also owed to Gregory Blanc and Françoise Abad for handling the local arrangements, to Christophe Kiennert for the job with the website, and to Yazan Boshmaf for widely publicizing the call for participation and related notices. We also express our gratitude to Murray Anderegg, for making sure that the submission server was almost always available, even during the numerous North Carolina thunderstorms that temporarily knocked out power. We are also indebted to Hervé Debar and Manos Antonakakis for their tireless efforts in securing sponsorship for RAID 2016. Indeed, an event of this caliber would be difficult to pull off were it not for the generous support by our sponsors: Sogeti, Comcast, Neustar, Nokia, Orange Labs, ANSSI and IRT System X. We greatly appreciate their help and their continued commitment to a healthy research community in security.

We hope that you all enjoy the conference as much as we enjoyed putting the event together.

September 2016

Fabian Monrose
Marc Dacier

pleased

by -> of

Organization

Organizing Committee

General Chair

Joaquin Garcia-Alfaro Télécom SudParis, France

Program Committee Chair

Fabian Monrose University of North Carolina at Chapel Hill, US

Program Committee Co-chair

Marc Dacier Qatar Computing Research Institute / HBKU, Qatar

Publicity Chair

Yazan Boshmaf Qatar Computing Research Institute / HBKU, Qatar

Sponsor Chair

Hervé Debar Télécom SudParis, France

Local Arrangement Chair

Gregory Blanc Télécom SudParis, France

Local Arrangement Co-Chair

Françoise Abad Télécom SudParis, France

Webmaster

Christophe Kiennert Télécom SudParis, France

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Johanna Amann	International Computer Science Institute, USA
Manos Antonakakis	Georgia Institute of Technology, USA
Michael Bailey	University of Illinois at Urbana-Champaign, USA
Lucas Ballard	Google, USA
Leyla Bilge	Symantec, USA
Lucas Davi	Technische Universität Darmstadt, Germany
Hervé Debar	Télécom SudParis, France
Petros Efstathopoulos	Symantec, USA
Manuel Egele	Boston University, USA
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Vasileios Kemerlis	Brown University, USA
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Zhiqiang Lin	University of Texas at Dallas, USA
Daniela Oliveira	University of Florida, USA
Roberto Perdisci	University of Georgia, USA
Michalis Polychronakis	Stony Brook University, USA
Konrad Rieck	TU Braunschweig, Germany
Christian Rossow	Saarland University, Germany
Stelios Sidiroglou-Douskos	Massachusetts Institute of Technology, USA
Kapil Singh	IBM T.J. Watson, USA
Kevin Snow	Zerpoint, USA
Cynthia Sturton	University of North Carolina at Chapel Hill, USA
Dongyan Xu	Purdue University, USA

External Reviewers

Matteo Dell'Amico	Symantec, USA
Anderson Nascimento	University of Washington, USA

Steering Committee

Marc Dacier (Chair)	Qatar Computing Research Institute / HBKU, Qatar
Davide Balzarotti	Eurécom, France
Hervé Debar	Télécom SudParis, France
Deborah Frincke	DoD Research, USA
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Somesh Jha	University of Wisconsin, USA
Erlend Jonsson	Chalmers University of Technology, Sweden
Engin Kirda	Northeastern University, USA
Christopher Kruegel	UC Santa Barbara, USA
Wenke Lee	Georgia Institute of Technology, USA
Richard Lippmann	MIT Lincoln Laboratory, USA
Ludovic Mé	CentraleSupélec, France
Robin Sommer	ICSI / LBNL, USA
Angelos Stavrou	George Mason University, USA
Alfonso Valdes	SRI International, USA
Giovanni Vigna	UC Santa Barbara, USA
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 Nokia (Bronze level)
 IRT SystemX (Bronze level)
 ANSSI (Bronze level)

Message

From: Carlsten, Nadia (CTR) [nadia.carlsten@associates.hq.dhs.gov]
on behalf of Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov> [nadia.carlsten@associates.hq.dhs.gov]
Sent: 8/1/2016 1:32:07 PM
To: Kevin Snow [kzsnow@cs.unc.edu]; Liao, Peter [liaopb@unc.edu]
CC: Smith, Shelby L (CTR) [shelby.smith@associates.hq.dhs.gov]; Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]; Fabian Monroe [fabian@cs.unc.edu]; Nikolich, Anita [ANIKOLIC@nsf.gov]
Subject: FW: TTP Press release- ZeroPoint

Kevin/Peter,

Any news on the following? Please let us know how you want us to proceed on the press release.
Thanks,

Nadia

From: Carlsten, Nadia (CTR)
Sent: Friday, July 15, 2016 9:46 AM
To: 'Liao, Peter' <liaopb@unc.edu>; Kevin Snow <kzsnow@cs.unc.edu>
Cc: Nikolich, Anita <ANIKOLIC@nsf.gov>; Smith, Shelby L (CTR) <shelby.smith@associates.hq.dhs.gov>; Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov>; Fabian Monroe <fabian@cs.unc.edu>
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From: Liao, Peter [mailto:liaopb@unc.edu]
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To: Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov>; cs_kzsnow.con <kzsnow@cs.unc.edu>
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Hi Nadia,

We are pretty close to being done with the license. I would hope to be wrapped up in the next few weeks, if everything goes as expected.

Thanks,

Peter

Peter Liao

Commercialization Manager | Office of Commercialization & Economic Development
The University of North Carolina at Chapel Hill
100 Europa Drive, Suite 430 | Chapel Hill, NC 27517 | (p) 919-966-3929 (f) 919-962-0646

Campus Office: 212 Sitterson Hall
Campus Office Phone: 919-843-5028

From: Carlsten, Nadia (CTR) [mailto:nadia.carlsten@associates.hq.dhs.gov]
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From: Kevin Snow [mailto:kzsnow@cs.unc.edu]
Sent: Friday, July 08, 2016 5:25 PM
To: Liao, Peter
Cc: Carlsten, Nadia (CTR); Nikolich, Anita; Smith, Shelby L (CTR); Brown, Amelia (CTR); Fabian Monroe
Subject: Re: TTP Press release- ZeroPoint

Peter,

The document is attached.

Cheers,
Kevin

On Fri, Jul 8, 2016 at 4:30 PM, Liao, Peter <liaopb@unc.edu> wrote:
Happy to help. Could you please forward a copy of the text – I've not received the attachment with any of the emails.
Thanks!

Best regards,

Peter

Peter Liao

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Cc: Nikolich, Anita; Smith, Shelby L (CTR); Brown, Amelia (CTR); Fabian Monrose
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Thank you,
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Hi Nadia,

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Nadia Carlsten, Ph.D

Transition to Practice

Cyber Security Division (CSD)

Homeland Security Advanced Research Projects Agency (HSARPA)

Science and Technology Directorate (S&T)

Department of Homeland Security (DHS)

nadia.carlsten@associates.hq.dhs.gov

Office: (202) 254-2366

Message

From: Kevin Snow [kzsnow@cs.unc.edu]
on behalf of Kevin Snow <kzsnow@cs.unc.edu> [kzsnow@cs.unc.edu]
Sent: 8/3/2016 8:10:05 PM
To: Carlsten, Nadia (CTR) [nadia.carlsten@associates.hq.dhs.gov]
CC: Liao, Peter [liaopb@unc.edu]; Smith, Shelby L (CTR) [shelby.smith@associates.hq.dhs.gov]; Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]; Fabian Monroe [fabian@cs.unc.edu]; Nikolich, Anita [ANIKOLIC@nsf.gov]
Subject: Re: FW: TTP Press release- ZeroPoint

Hi Nadia,

I talked to Peter about this today and if you would like to go ahead and do the release it is okay. The licensing (from University to Zeropoint) should all be finalized by the end of the month, so it is your option as to whether (and how) to include that in the release.

Cheers,
Kevin

On Mon, Aug 1, 2016 at 9:32 AM, Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov> wrote:

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Nadia Carlsten, Ph.D

Transition to Practice

Cyber Security Division (CSD)

Homeland Security Advanced Research Projects Agency (HSARPA)

Science and Technology Directorate (S&T)

Department of Homeland Security (DHS)

nadia.carlsten@associates.hq.dhs.gov

Office: (202) 254-2366

Message

From: Fabian Monroe [fabian@cs.unc.edu]
on behalf of Fabian Monroe <fabian@cs.unc.edu> [fabian@cs.unc.edu]
Sent: 8/9/2016 2:40:33 PM
To: Paul Van Oorschot [paulv@scs.carleton.ca]
Subject: Re: Paper cited in article

Between the Trump supporters and NC's legislative branch, I think they are trying to get us all to move to Canada 😊 I better start working on my visa 😊

Unfortunately I won't be at USENIX this year. Enjoy.

Sent from my iPhone

On Aug 3, 2016, at 4:22 PM, Paul Van Oorschot <paulv@scs.carleton.ca> wrote:

Who are these guys at UNC that are referred to? I thought they only worked on important problems, like finding ways to get malware onto other people's machines ...

Obama's term is almost done now, so I guess it's time for me to visit again (IIRC, I was there during his inauguration). But you are going to have to talk to some of the locals to straighten things out first. If N.C. is not good enough for the NBA all-star game, I might be turned back at the border for being an open-minded Canadian.

-pvo

P.S. Hope to see you at USENIX Security

On Aug 3, 2016, at 10:53 AM, Fabian Monroe <fabian@cs.unc.edu> wrote:

Hi guys,
hope all is well. Thought I'd pass along this story which also mentions your study.
Cheers,
-Fabian

----- Forwarded message -----

From: **David Musick** <musick@cs.unc.edu>
Date: Wed, Aug 3, 2016 at 9:26 AM
Subject: Paper cited in article
To: Mike Reiter <reiter@cs.unc.edu>, Fabian Monroe <fabian@cs.unc.edu>, Yinqian Zhang <yinqian@cs.unc.edu>
Cc: Bil Hays <hays@cs.unc.edu>, Brett Piper <bpiper@cs.unc.edu>

FYI-

<http://arstechnica.com/security/2016/08/frequent-password-changes-are-the-enemy-of-security-ftc-technologist-says/>

Message

From: Carlsten, Nadia (CTR) [nadia.carlsten@associates.hq.dhs.gov]
on behalf of Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov> [nadia.carlsten@associates.hq.dhs.gov]
Sent: 9/9/2016 2:45:44 PM
To: 'Fabian Monrose' [fabian@cs.unc.edu]; 'Kevin Snow' [kzsnow@cs.unc.edu]; roberto.perdisci('Dowson, Scott T' [Scott.Dowson@pnnl.gov]; 'Riensch, Roderick M' [rmr@pnnl.gov]; 'Rieger, Craig G [craig.rieger@inl.gov]; 'Bruner, Todd ' [tbruner@sandia.gov]; 'Chavez, Adrian' [adrchav@sandia.gov]; 'Hamlet, Jason R' [jrhamle@sandia.gov]; wmsout@sandia.gov; 'Goodall, John R. ' [jgoodall@ornl.gov]; 'Timothy R Klett' [timothy.klett@inl.gov]; 'Ferragut, Erik M.' [ferragutem@ornl.gov]
CC: 'Peterson, Elena S' [elena@pnnl.gov]; 'Duggan, David P' [dduggan@sandia.gov]; 'Joseph Trien' [trienjp@ornl.gov]; Fisher, Ron E [ron.fisher@inl.gov]; Prowell, Stacy J. [prowellsj@ornl.gov]; Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]
Subject: I3W
Attachments: TTP Tech Demo Day FY15 Agenda - I3W_v3.docx

All,

Our TTP I3 West for the FY2015 class has been approved and awarded. Please go ahead and book travel for the event, the demo day will be held at the Santa Clara Marriott Oct 25, with set up on Oct 24 starting at 3p. Researchers, please take a look at the draft agenda attached and let us know ASAP if any of the presenter information is incorrect.

Thanks,
Nadia

Nadia Carlsten, Ph.D
Program Manager
Transition to Practice
Cyber Security Division (CSD)
Homeland Security Advanced Research Projects Agency (HSARPA)
Science and Technology Directorate (S&T)
Department of Homeland Security (DHS)
nadia.carlsten@associates.hq.dhs.gov
Office: (202) 254-2366
Cell:

**Cyber Security Division
Transition to Practice
Technology Demonstration Day for Integrators,
Investors and IT Companies (13) - West**



- 8:30 AM – 9:30 AM** **Registration**
- 9:30 AM – 9:45 AM** **Opening Remarks**
Nadia Carlsten, Program Manager, Cyber Security Division, DHS S&T
- 9:45 AM – 10:05 AM** **Keynote Speaker**
TBD
- 10:05 AM – 11:05 AM** **Technology Presentations**
ZeroPoint: Kevin Snow, University of North Carolina at Chapel Hill
Dynamic Defense & Network Randomization (DDNR): Adrian Chavez, Sandia National Labs
Scalable Reasoning System (SRS): Scott Dowson, Pacific Northwest National Lab
AMICO: Roberto Perdisci, University of Georgia
- 11:05 AM – 11:30 AM** **Collaboration / Networking**
- 11:30 AM – 12:15 PM** **Technology Presentations**
SCOT: Todd Bruner, Sandia National Labs
Autonomic Intelligent Cyber Sensor (AICS): Craig Rieger, Idaho National Lab
Situ: John Goodall, Oak Ridge National Lab
- 12:15 PM – 12:30 PM** **Silicon Valley Innovation Presence (SVIP) presentation**
Melissa Ho, Program Manager, Cyber Security Division – SVIP, DHS S&T
- 12:30 PM – 1:30 PM** **Lunch**
- 1:30 PM – 4:05 PM** **Technology Demonstrations**
Technology demonstrations will be held every 25 minutes throughout the afternoon to allow attendees to view each technology.

Demonstration Schedule

Technology	Room	1:30-1:50	1:55-2:15	2:20-2:40	2:45-3:15	3:20-3:40	3:45-4:05
ZeroPoint	TBD						
DDNR	TBD						
SRS	TBD						
AMICO	TBD						
SCOT	TBD						
AICS	TBD						
Situ	TBD						

Demonstration	
No Demonstration	

Message

From: Fabian Monroe [fabian@cs.unc.edu]
on behalf of Fabian Monroe <fabian@cs.unc.edu> [fabian@cs.unc.edu]
Sent: 9/18/2016 9:29:05 PM
To: Joaquin Garcia-Alfaro [joaquin.garcia_alfaro@telecom-sudparis.eu]
CC: Marc Dacier [mdacier@qf.org.qa]
Subject: Opening remarks
Attachments: raid-by-the-numbers.pdf

Hi guys,
here's a draft of what I'm planning to cover after Joaquin's welcome during the opening remarks tomorrow.

@Joaquin: I'll plan on merging my powerpoint / keynote slides with yours so we don't have to switch laptops. We can do this when I see you tomorrow morning.

@Marc: let me know if there is anything you want to add! I'm basically focuses on all that goes on behind the scenes to pull together a good program. Focus is on thanking the PC members.

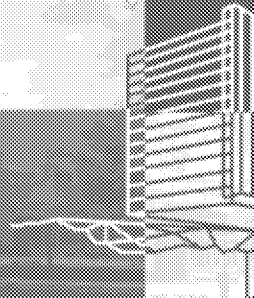
Cheers,
-Fabian



RAID 2016

19th International Symposium on Research
in Attacks, Intrusions and Defenses

19-21 September 2016
Télécom SudParis, Evry, France



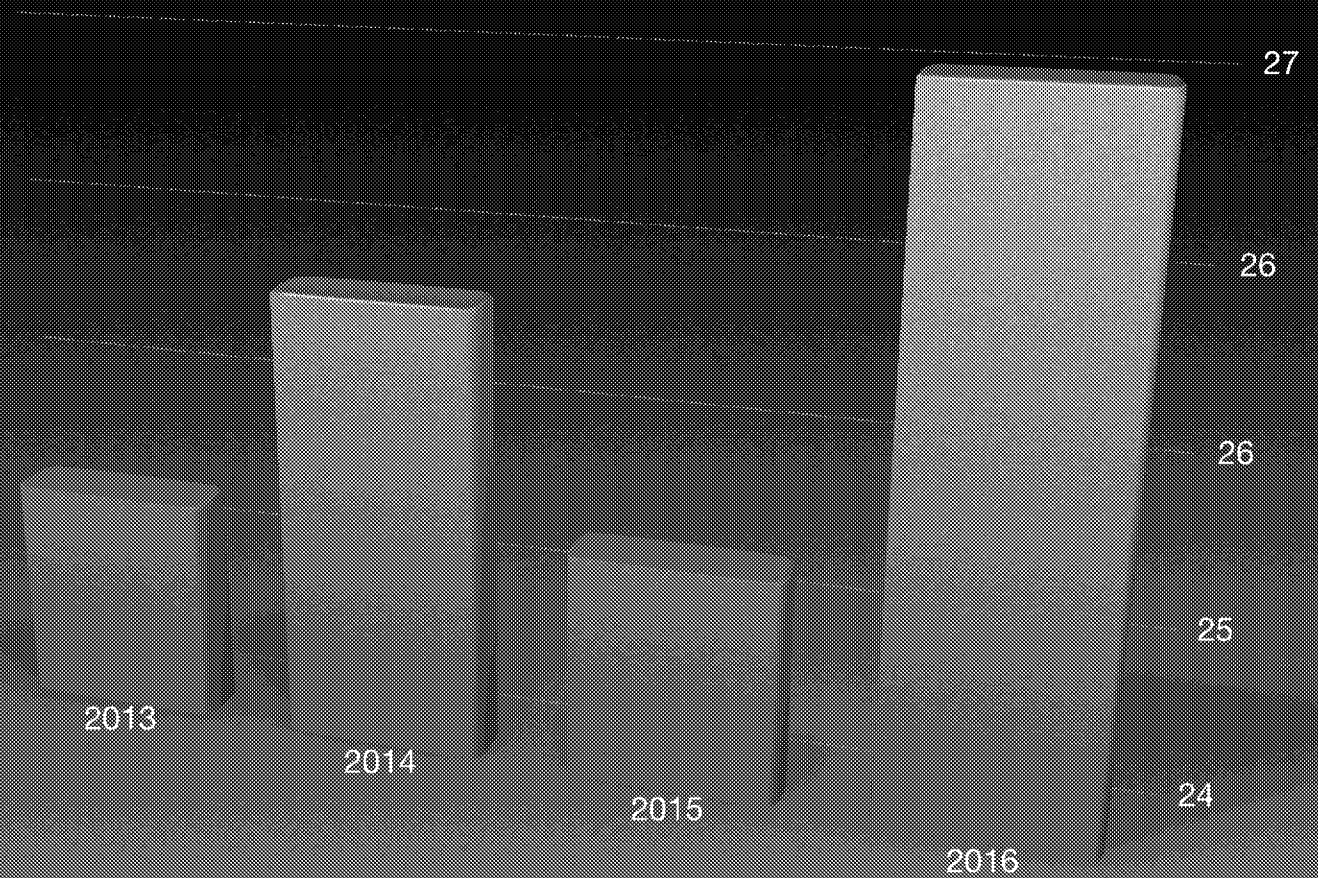
Behind the Scenes: RAID'16 by the numbers

Brought to you by Fabian Monrose and Marc Dacier

Program Committee

27

researchers
from industry
and academia



Program Committee

Name	Affiliation	New
Magnus Almgren	Chalmers University (Sweden)	
Johanna Amann	International Computer Science Institute	
Manos Antonakakis	Georgia Institute of Technology	
Michael Bailey	University of Illinois at Urbana-Champaign	
Lucas Ballard	Google	
Leyla Bilge	Symantec	
Lucas Davi	Technische Universität Darmstadt	
Herve Debar	Telecom Paris Sud (France)	
Petros Efstathopoulos	Symantec	
Manuel Egele	Boston University	
William Enck	North Carolina State University	

Program Committee

Name	Affiliation	New
Vasileios Kemerlis	Brown University	
Andrea Lanzi	University of Milan	
Pavel Laskov	European Research Center	
Zhiqiang Lin	University of Texas at Dallas	
Daniela Oliveira	University of Florida	
Roberto Perdisci	University of Georgia	
Michalis Polychronakis	Stony Brook University	
Konrad Rieck	TU Braunschweig	
Christian Rossow	Saarland University	
Stelios Sidiroglou-Douskos	Massachusetts Institute of Technology	
Kapil Singh	IBM Research	

Program Committee

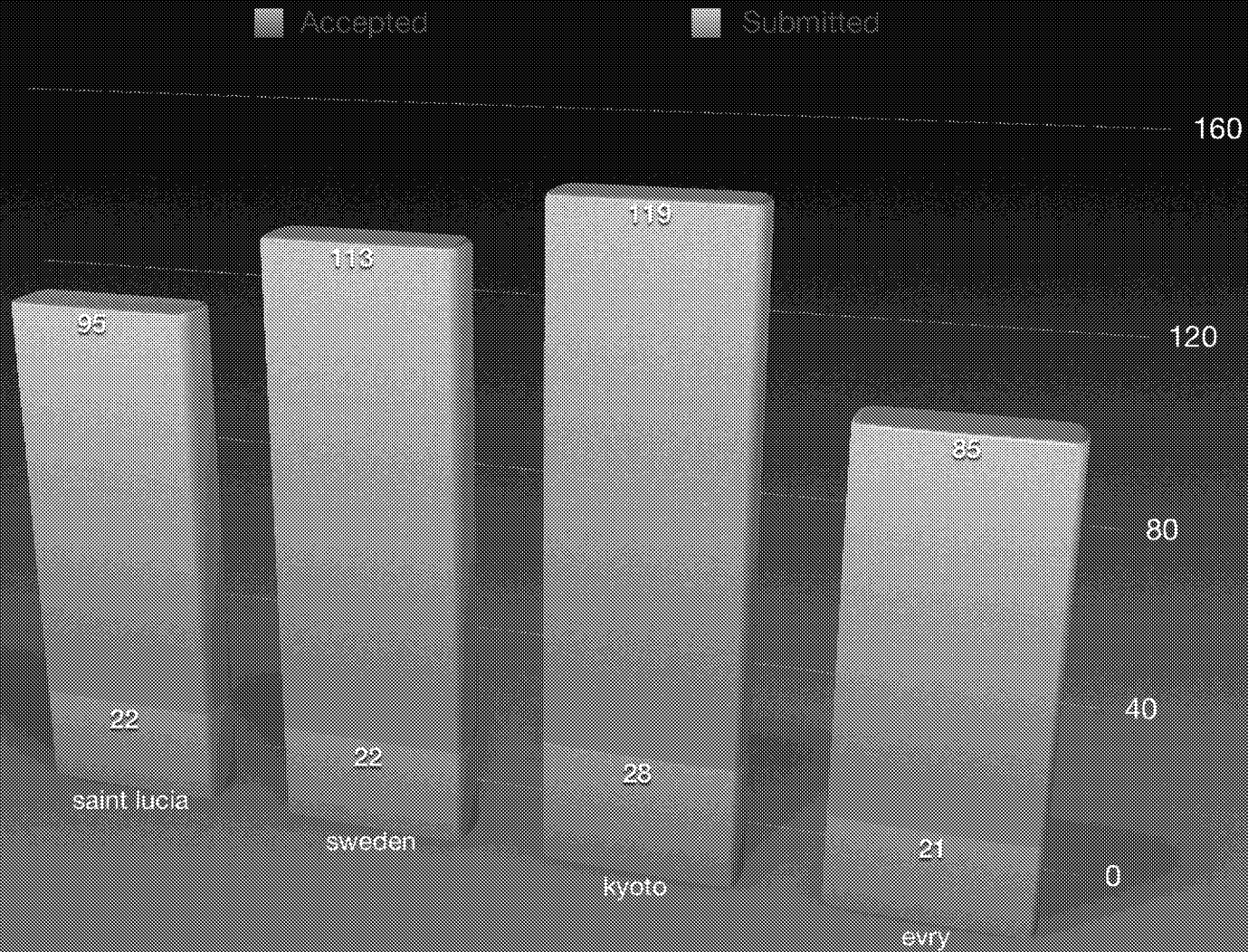
Name	Affiliation	New
Kevin Snow	Zeropoint	
Cynthia Sturton	University of North Carolina at Chapel Hill	
Dongyan Xu	Purdue University	

Submissions

- Deadline April 8, 2016
- Almost **2 months** *earlier* than “normal”
- Why? ACM CCS deadlines and other constraints

RECEIVED
85

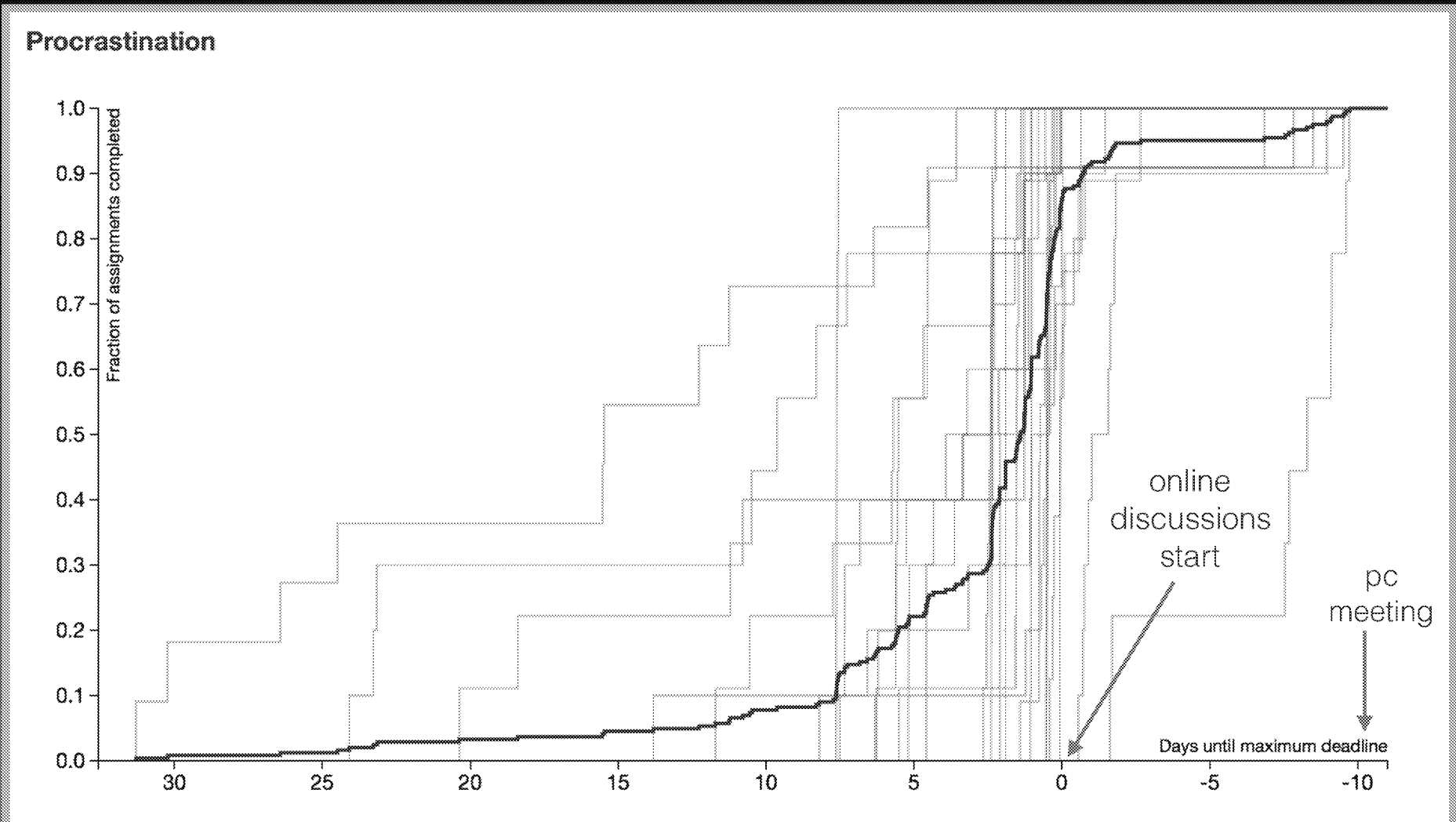
Submissions



Round 1



Round I



Stage I

248
Reviews



Stage I

516
words on
average

80 reviews > **600** words long



Stage I

1425
words in
the longest
review



Stage I



Stage I

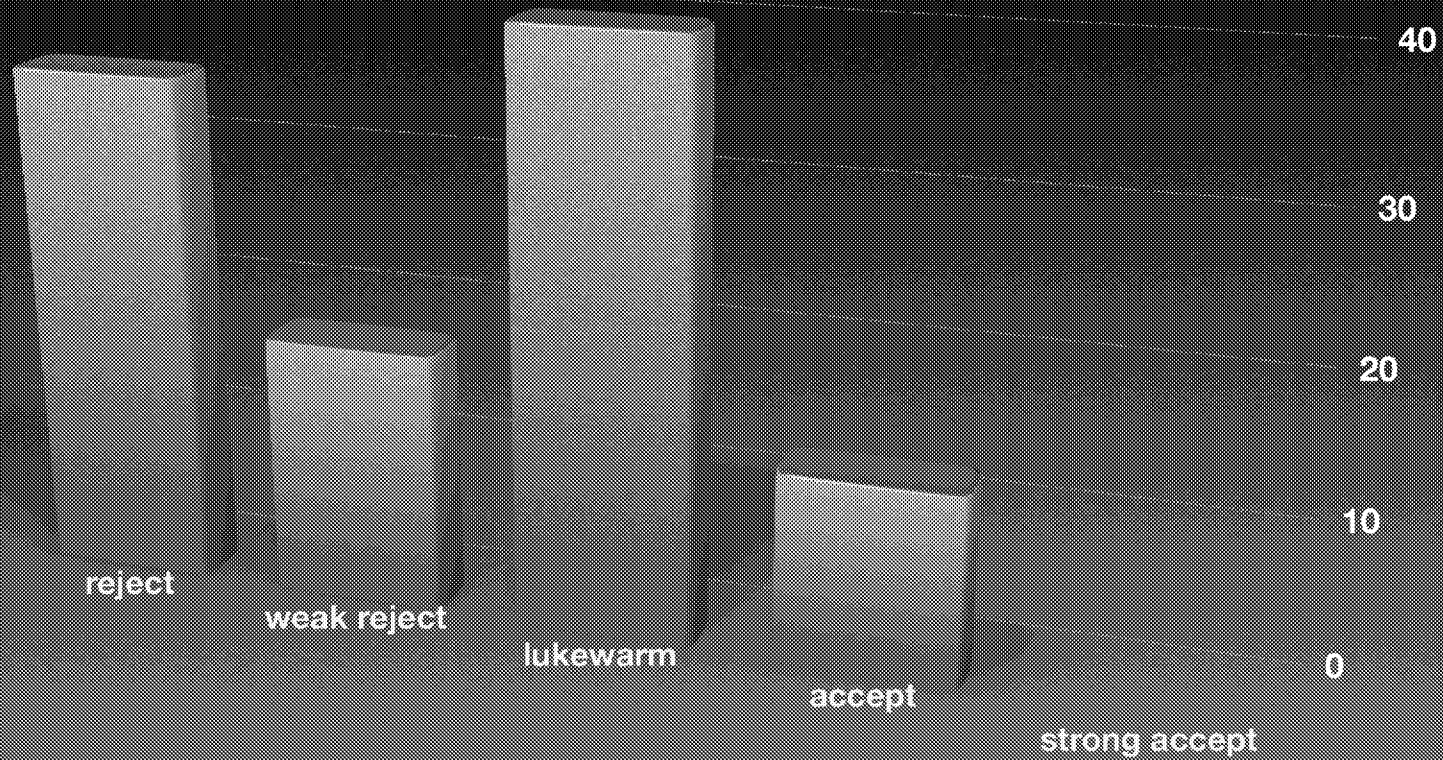


Tough job turned tougher — Conflicts

- Papers with ***at least 1*** PC-member conflict: 45
- **Maximum** number of conflicts on a single paper: 7
- Papers with both **Marc + Fabian** as a conflict: 1

Stage I Reviews

■ Spreading the love, grouped by submission



Online discussions (Stage II, ~10 days)

465

comments on papers

Lukewarm category
comes **slightly** closer
to consensus



PC Meeting (stage III)

- All day meeting (9am-6pm, in San Jose)
- **20** PC members at meeting, **3** remote via Skype
- **37** papers discussed
- **22** papers accepted / conditionally accepted
 - 7 papers with PC-member as co-author
- Shepherds assigned



Word Cloud

Shepherding (stage IV)

- Majority of papers assigned a shepherd to help address comments; **multiple** rounds of feedback
- Shepherds could allow up to **2 additional pages**
- **1** paper withdrawn by authors during process

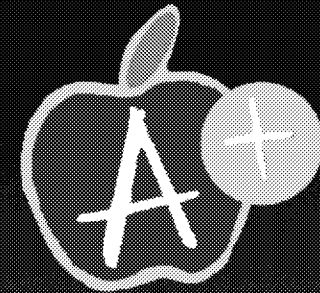


Outcome

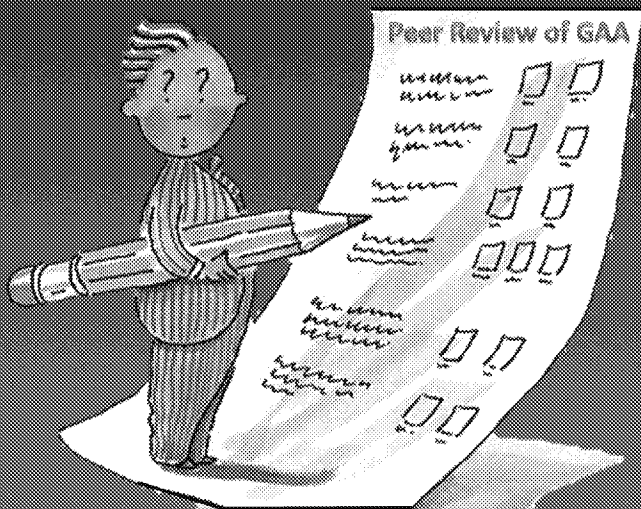
A great
program
with **21**
papers



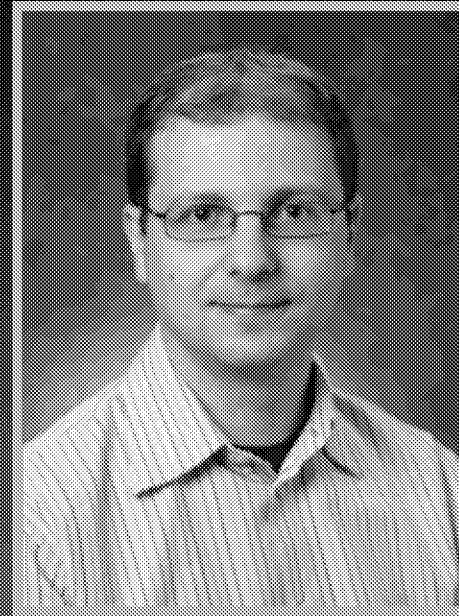
Outstanding Review Award



- High ratings by fellow PC members
- Extra reviewing load
- Championed papers against all odds

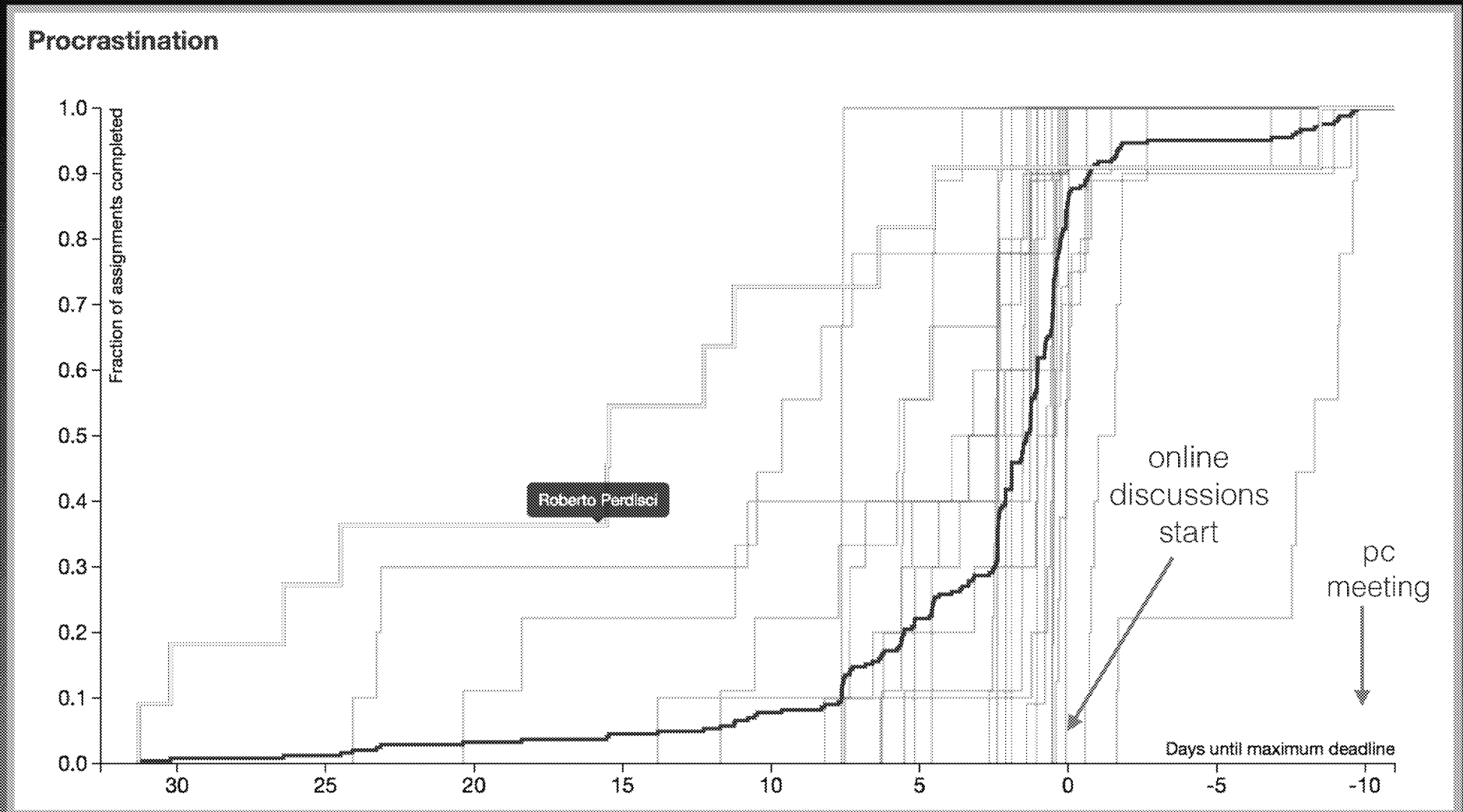


Outstanding Review Award

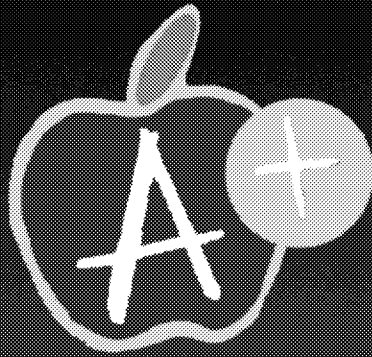


Roberto Perdisci

Early bird catches the worm



Honorable mentions



Konrad Rieck



Herve Debar

Keynote Speaker

Dr. Ahmad-Reza Sadeghi



Message

From: csfunding-bounces@cs.unc.edu [csfunding-bounces@cs.unc.edu]
on behalf of Gregory, Janet <jgregory@osc.edu> [jgregory@osc.edu]
Sent: 10/7/2016 12:10:57 PM
To: 'research-team@lists.osc.edu' [research-team@lists.osc.edu]
Subject: [csfunding] [research-team] Opportunities 10-07-16
Attachments: ATT00001.txt; ATT00002.txt

October 07, 2016

Research Opportunities Compiled by:

Ohio Supercomputer Center

Janet L. Gregory, Grants Manager

1224 Kinnear Road

Columbus, OH 43212-1163

Phone:

Fax: 614-688-3184a

Email: jgregory@osc.edu

#1

2016 Kuckein Student Research Fellowship

Alpha Omega Alpha

Founded in 1902, the Alpha Omega Alpha national medical honor society is dedicated to the belief that in the profession of medicine care for all will be improved by recognizing high educational achievement, honoring gifted teaching, encouraging the development of leaders in academia and the community, supporting the ideals of humanism, and promoting service to others.

Through its Carolyn L. Kuckein Student Research Fellowship, the society will award grants of up to \$5,000 for clinical investigation, basic laboratory research, epidemiology, social science/health services research, leadership, or professionalism. Funds from the fellowship are expected to be the major source of support for the student. The name of the fellowship program honors Carolyn L. Kuckein, long-time administrator of Alpha Omega Alpha and an honorary member of the society, who died in 2004.

First-, second-, and third-year medical students from schools with active Alpha Omega Alpha chapters or associations are eligible to apply. Ph.D.s and candidates for Ph.D. or M.D./Ph.D. are not eligible.

Dates: December 31, 2016

Link:

http://alphaomegaalpha.org/student_research.html

#2

Quantification of Aging from Long-term Exposure

Department of the AF - WPAFB

FA8650-17-S-5002

Air Force Research Laboratory, AFRL/RXC, Materials and Manufacturing Directorate, Structural Materials is announcing to industry its intent to solicit proposals under this Broad Agency Announcement (BAA). This research will utilize legacy carbon-fiber composite airframe components to establish the effects of in-service natural aging on the composite material properties and determine the importance of environmental aging as a critical parameter in the service life of the composite structure. In-service aging includes the influence and interaction of time, load, heat, ultraviolet light, oxidation, and other environmental conditions on material property loss. Furthermore, the envisioned research intends to develop progressive damage models to include the residual strength effects as observed from fleet in-service environmental history and/or account for spatially varying properties observed in a laboratory aging scenario or through simulation of the aging process.

The overall objectives in this initial effort is to address whether in-service aging influences composite material mechanical properties meaningfully through a sampling of fielded components and to enhance progressive failure analysis methods to include spatially varying property distributions attributed to environmental degradation regardless of the outcome of the in-service components sampled.

Funding: FY16 \$600,000, FY17 \$800,000

Dates: Intent to Propose October 21, 2016 Proposal November 21, 2016

Link:
https://www.fbo.gov/index?s=opportunity&mode=form&id=ed9ac6218a5f9983883ef47a5dd7e1f1&tab=core&_cview=0

#3

Junior Faculty Research Grants

AFAR

The American Federation for Aging Research is accepting applications for research grants for junior faculty.

One- to two-year grants of up to \$100,000 will be awarded to junior faculty (M.D.s and Ph.D.s) to conduct research that will serve as the basis for longer term research efforts. AFAR-supported investigators study a broad range of biomedical and clinical topics including the causes of cellular senescence, the role of estrogen in the development of osteoporosis, the genetic factors associated with Alzheimer's disease, the effects of nutrition and exercise on the aging process, and much more.

The applicant must be an independent investigator with independent research space as described in a form completed by the Dean or Department Chair, and must be no more than ten years beyond start of postdoctoral research training as of July 1, 2017.

Dates: Letter of Intent December 15, 2016 Invited Proposal late March 2017

Link:
<http://www.afar.org/research/funding/afar-research-grants/>

#4

Critical Resilient Interdependent Infrastructure Systems and Processes FY17 (CRISP)

National Science Foundation

NSF 16-519

Critical infrastructures are the mainstay of our nation's economy, security and health. These infrastructures are interdependent. They are linked to individual preferences and community needs. For example, the electrical power system depends on the delivery of fuels to power generating stations through transportation services, the production of those fuels depends in turn on the use of electrical power, and those fuels are needed by the transportation services. Social networks, interactions, and policies can enable or hinder the successful creation of resilient complex adaptive systems.

The goals of the Critical Resilient Interdependent Infrastructure Systems and Processes (CRISP) solicitation are to: (1) foster an interdisciplinary research community of engineers, computer and computational scientists and social and behavioral scientists, that creates new approaches and engineering solutions for the design and operation of infrastructures as processes and services; (2) enhance the understanding and design of interdependent critical infrastructure systems (ICIs) and processes that provide essential goods and services despite disruptions and failures from any cause, natural, technological, or malicious; (3) create the knowledge for innovation in ICIs so that they safely, securely, and effectively expand the range of goods and services they enable; and (4) improve the effectiveness and efficiency with which they deliver existing goods and services. These goals lead to the following specific objectives for this solicitation:

- To create new knowledge, approaches, and solutions to increase resilience, performance, and readiness in ICIs. The solutions may emerge primarily from advances in cyber (computing, information, computational, sensing and communication), engineering, or societal (behavioral, economic, organizational) elements of ICIs, although proposals must integrate research across all three elements.
- To create theoretical frameworks and multidisciplinary models of ICIs, processes and services, capable of analytical prediction of complex behaviors, in response to system and policy changes.
- To develop frameworks to understand interdependencies created by the interactions between the physical, the cyber (computing, information, computational, sensing and communication), and social, behavioral and economic elements of ICIs. These could include, but are not limited to, software frameworks for modeling and simulation using advanced cyber infrastructures, management, monitoring and real-time control of interdependent ICIs and novel software engineering methodologies.

- To study socioeconomic, political, legal and psychological obstacles to improving ICIs and identifying strategies for overcoming those obstacles.
- To undertake the creation, curation or use of publicly accessible data on infrastructure systems and processes, whether in the context of explanation, prediction or modeling.

The CRISP solicitation seeks to fund projects likely to produce new knowledge that can contribute to making ICI services more effective, efficient, dependable, adaptable, resilient, safe, and secure, taking into account the human systems in which they are embedded. Successful proposals are expected to study multiple infrastructures focusing on them as interdependent systems that deliver services, enabling a new interdisciplinary paradigm in infrastructure research. To meet the interdisciplinary criterion, proposals must broadly integrate across engineering, computer, information and computational science, and the social, behavioral and economic sciences. Proposals that do not meet this criterion will be returned without review. Projects supported under this solicitation may undertake the collection of new data or use existing curated data depending on the category of award, and must recognize that a primary objective is integrative, predictive modeling that can use the data to validate the models and that can be integrated into decision making.

- Anticipated Type of Award: Standard Grant
- Estimated Number of Awards: 15 to 20, two categories of awards are anticipated for this solicitation: Type 1 and Type 2. The number of awards in each category will be dependent on the overall mix of proposals and the degree to which they meet the solicitation goals, Merit Review Criteria and Solicitation Specific Review Criteria. We anticipate up to approximately 10 Type 1 awards and up to approximately 8 Type 2 awards.
- Anticipated Funding Amount: \$22,900,000, anticipated funding amount is pending availability of FY 2017 appropriation. Type 1 Awards: Projects will be of 2 years in duration with a maximum total budget of \$500,000. Type 2 Awards: Projects will be of 3-4 years in duration with a total budget ranging from \$1 million to \$2.5 million.
- Proposals may only be submitted by the following:
 - Universities and Colleges - Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in, the US acting on behalf of their faculty members. Such organizations also are referred to as academic institutions.
- Who May Serve as PI: Because this program is meant to support interdisciplinary research, a minimum of three investigators is required per project, including the Principal Investigator (PI) and two or more co-Investigators from the lead or participating institutions. Persons named as PI or co-PI must be eligible to serve as such on NSF proposals submitted through their respective institutions. In order to ensure an interdisciplinary approach to studying ICIs, proposals must include and clearly identify at least one PI or co-PI who is an engineer, at least one who is a computer, information or computational scientist, and at least one who is a social, economic or behavioral scientist. Additional co-PIs or senior personnel may be added to cover other interdisciplinary needs of the project. The appropriateness of the research team's disciplinary composition and expertise should be justified and will be a factor in the merit review of the proposal (see Additional Review Criteria section).
- Limit on Number of Proposals per Organization: There are no restrictions or limits.
- Limit on Number of Proposals per PI or Co-PI: 2, an individual may appear as a Principal Investigator (PI), co-PI, other senior personnel or investigator only on one Type 1 and one Type 2 CRISP proposal. This limitation includes proposals submitted by a lead organization, any sub-award submitted as part of a proposal, or any collaborative proposal submitted as separate submissions from multiple organizations. An individual may not serve as a PI on more than one active (as of this submission deadline) CRISP or RIPS award of the same type. Therefore, an individual who is serving as the PI of an active CRISP or RIPS award may not be the PI on a proposal of the same type as the existing award. All proposals and collaborative proposals that include a PI, co-PI or other senior personnel or investigator who does not meet these conditions will be returned without review.
- Letters of Intent: Not required
- Preliminary Proposal Submission: Not required
- Cost Sharing Requirements: Inclusion of voluntary committed cost sharing is prohibited.
- Indirect Cost (F&A) Limitations: Not Applicable
- Other Budgetary Limitations: Other budgetary limitations apply. Please see the full text of this solicitation for further information.

Dates: Full Proposal Deadline(s) (due by 5 p.m. submitter's local time): February 08, 2017

Link:

https://www.nsf.gov/pubs/2016/nsf16618/nsf16618.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

#5

Data Infrastructure Building Blocks (DIBBs)

The NSF vision for a Cyberinfrastructure Framework for 21st Century Science and Engineering (CIF21) considers an integrated, scalable, and sustainable cyberinfrastructure to be crucial for innovation in science and engineering (see www.nsf.gov/cif21). The Data Infrastructure Building Blocks (DIBBs) program is an integral part of CIF21. The DIBBs program encourages development of robust and shared data-centric cyberinfrastructure capabilities, to accelerate interdisciplinary and collaborative research in areas of inquiry stimulated by data.

DIBBs investments enable new data-focused services, capabilities, and resources to advance scientific discoveries, collaborations, and innovations. The investments are expected to build upon, integrate with, and contribute to existing community cyberinfrastructure, serving as evaluative resources while developments in national-scale access, policy, interoperability and sustainability continue to evolve.

Effective solutions will bring together cyberinfrastructure expertise and domain researchers, to ensure that the resulting cyberinfrastructure address researchers' data needs. The activities should address the data challenges arising in a disciplinary or cross-disciplinary context. (Throughout this solicitation, 'community' refers to a group of researchers interested in solving one or more linked scientific questions, while 'domains' and 'disciplines' refer to areas of expertise or application.) The projects should stimulate data-driven scientific discoveries and innovations, and address broad community needs, nationally and internationally.

This solicitation includes two classes of science data pilot awards:

1. Early Implementations are large "at scale" evaluations, building upon cyberinfrastructure capabilities of existing research communities or recognized community data collections, and extending those data-focused cyberinfrastructure capabilities to additional research communities and domains with broad community engagement.
2. Pilot Demonstrations address advanced cyberinfrastructure challenges across emerging research communities, building upon recognized community data collections and disciplinary research interests, to address specific challenges in science and engineering research.

Prospective PIs should be aware that DIBBs is a multi-directorate activity, and are encouraged to submit proposals that have broad, interdisciplinary interest. PIs are encouraged to refer to NSF core program descriptions, Dear Colleague Letters, and recently posted initiatives on directorate and divisional home pages to gain insight into the priorities for the relevant area(s) of science and engineering in which their proposals may be responsive. It is strongly recommended that a prospective PI contact a Cognizant Program Officer in the organization(s) closest to the major disciplinary impact of the proposed work to ascertain whether the scientific focus and budget of the proposed work are appropriate for this solicitation.

- Anticipated Type of Award: Standard Grant or Continuing Grant
- Estimated Number of Awards: 12 Early Implementation Awards: up to 6 awards, pending availability of funds. Pilot Demonstration Awards: up to 6 awards, pending availability of funds.
- Anticipated Funding Amount: \$25,000,000 pending availability of funds. The award size for Early Implementation Awards is anticipated to be up to \$4,000,000 total per award for up to 5 years. The award size for Pilot Demonstration Awards is anticipated to be up to \$500,000 total per award for up to 3 years. *Project size should be commensurate with the size/breadth of the community served.*
- Proposals may only be submitted by the following:
 - Universities and Colleges - Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in, the US acting on behalf of their faculty members. Such organizations also are referred to as academic institutions.
 - Non-profit, non-academic organizations: Independent museums, observatories, research labs, professional societies and similar organizations in the U.S. associated with educational or research activities.
 - NSF-funded Federally Funded Research and Development Centers (FFRDCs).
- Who May Serve as PI: There are no restrictions or limits.
- Limit on Number of Proposals per Organization: There are no restrictions or limits.
- Limit on Number of Proposals per PI or Co-PI: 1, An individual may propose as a PI or Co-PI on only one proposal; however, the individual may be included among the listed other senior personnel on more than one proposal in more than one class. In the event that an individual exceeds this limit, any proposal submitted to this solicitation with this individual listed as a PI or Co-PI, after the first proposal is received at NSF, will be returned without review. No exceptions will be made.
- Letters of Intent: Not required

- Preliminary Proposal Submission: Not required
- Cost Sharing Requirements: Inclusion of voluntary committed cost sharing is prohibited.
- Indirect Cost (F&A) Limitations: Not Applicable
- Other Budgetary Limitations: Not Applicable

Dates: Full Proposal Deadline(s) (due by 5 p.m. submitter's local time): January 03, 2017

Link:

https://www.nsf.gov/pubs/2017/nsf17500/nsf17500.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

#6

IUSE / Professional Formation of Engineers: REvolutionizing Engineering and Computer Science Departments (IUSE/PFE: RED)

National Science Foundation

NSF 17-501

In FY 2017, NSF is continuing a program aligned with the Improving Undergraduate STEM Education (IUSE) framework: *REvolutionizing engineering and computer science Departments*. This funding opportunity enables engineering and computer science departments to lead the nation by successfully achieving significant sustainable changes necessary to overcome longstanding issues in their undergraduate programs and educate inclusive communities of engineering and computer science students prepared to solve 21st century challenges.

In 2014, ENG launched an initiative, the *Professional Formation of Engineers (PFE)*, to create and support an innovative and inclusive engineering profession for the 21st century. At the same time, in 2014, NSF launched the agency-wide Improving Undergraduate STEM Education (IUSE) framework, which is a comprehensive effort to accelerate improvements in the quality and effectiveness of undergraduate education in all STEM fields. The RED program was first offered in FY 2015 as a PFE initiative aligned with the IUSE framework. Additional programs have been created within the IUSE framework across NSF, such as the IUSE: EHR program within EHR.

Even as demographic and regional socio-economic factors affect engineering and computer science departments in unique ways, there are certain tenets of sustainable change that are common across institutions. For instance, the development and engagement of the entire faculty within a department are paramount to the process, and faculty must be incentivized. Departmental cultural barriers to change and to inclusion of students *and* faculty from different backgrounds must be identified and addressed. Finally, coherent technical and professional threads must be developed and woven across the four years, especially (1) in the core technical courses of the middle two years, (2) in internship opportunities in the private and public sectors, and (3) in research opportunities with faculty. These and other threads aim to ensure that students develop deep knowledge in their discipline more effectively and meaningfully, while at the same time building their capacities for 21st century and "T-shaped" professional skills, including design, leadership, communication, understanding historical and contemporary social contexts, lifelong learning, professional ethical responsibility, creativity, entrepreneurship, and multidisciplinary teamwork. It is expected that, over time, the awardees of this program will create knowledge concerning sustainable change in engineering and computer science education that can be scaled and adopted nationally across a wide variety of academic institutions. The research on departmental change that results from these projects should inform change more broadly across the STEM disciplines.

Note: The RED program is offered in alignment with the NSF-wide undergraduate STEM education initiative, *Improving Undergraduate STEM Education (IUSE)*. More information about IUSE can be found in the Introduction of this solicitation. The IUSE/PFE: RED program will hereafter be referred to as RED.

Prospective PIs are encouraged to consider the IUSE: EHR program for projects that are outside the scope of RED (see https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505082). Specifically, the Institutional and Community Transformation (ICT) track promotes innovative approaches to using research to catalyze change that addresses challenges across and within institutions (institutional transformation), as well as within and across specific disciplines (community transformation).

Prospective PIs are strongly discouraged from submitting identical or substantially similar proposals to RED and IUSE: EHR.

- Anticipated Type of Award: Standard Grant or Continuing Grant
- Estimated Number of Awards: 6 to 8 six to eight awards will be made, each in an amount from \$1,000,000 to \$2,000,000 total for a duration of up to 5 years. Proposals with budgets that fall outside of these limits will be returned without review. The estimated program budget and number of awards are subject to the availability of funds and the quality of proposals received.

- Anticipated Funding Amount: \$11,950,000 Estimated program budget and number of awards are subject to the availability of funds.
- Proposals may only be submitted by the following:
 - Universities and Colleges - Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in, the US acting on behalf of their faculty members. Such organizations also are referred to as academic institutions.
- Who May Serve as PI: The Principal Investigator must be a department chair/head (or equivalent) to establish institutional accountability. There must be a RED team that includes (at a minimum) an expert in engineering education or computer science education research who can ground the research plan in the literature, and a social science expert who can advise on strategies for developing a culture of change and on strategies for creating meaningful collective ownership of the effort among faculty, students, and staff. The social scientist must have the expertise to evaluate departmental dynamics and monitor change processes.
- Limit on Number of Proposals per Organization: 2, an organization is allowed up to two submissions per competition.
- Limit on Number of Proposals per PI or Co-PI: 1, an individual may serve as PI or co-PI on only one submission per competition.
- Letters of Intent: Submission of Letters of Intent is required. Please see the full text of this solicitation for further information.
- Preliminary Proposal Submission: Not required
- Cost Sharing Requirements: Inclusion of voluntary committed cost sharing is prohibited.
- Indirect Cost (F&A) Limitations: Not Applicable
- Other Budgetary Limitations: Other budgetary limitations apply. Please see the full text of this solicitation for further information.

Dates: Letter of Intent Due Date(s) (*required*) (due by 5 p.m. submitter's local time): December 09, 2016 Full Proposal Deadline(s) (due by 5 p.m. submitter's local time): January 18, 2017

Link:

https://www.nsf.gov/pubs/2017/nsf17501/nsf17501.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

#7

Secondary Analyses of Existing Datasets in Heart, Lung, and Blood Diseases and Sleep Disorders (R21)

DHHS - NIH
PAR-17-004

The goal of this funding opportunity is to stimulate the use of existing human datasets for well-focused secondary analyses to investigate novel scientific ideas or new models, systems, tools, methods, or technologies that have the potential for significant impact on biomedical or biobehavioral research in areas relevant to the NHLBI mission. This FOA actively supports the use of existing database resources to conduct additional analyses secondary to a project's originally-intended primary purpose. Applications may be related to, but must be distinct from, the specific aims of the original data collection; it will not support the collection of new data.

Dates: Applications New applications: February 24, 2017; February 23, 2018; February 22, 2019, by 5:00 PM local time of application organization. Resubmission Applications: October 30, 2017; October 30, 2018; October 30, 2019, by 5:00 PM local time of applicant organization. AIDS Applications March 24, 2017; May 8, 2018; May 8, 2019 by 5:00 PM apply local time of applicant organization

Link:

<http://grants.nih.gov/grants/guide/pa-files/PAR-17-004.html>

#8

HIV, HCV and Related Comorbidities in Rural Communities Affected by Opioid Injection Drug Epidemics in the United States: Building Systems for Prevention, Treatment and Control (UG3/UH3)

DHHS - NIH
RFA-DA-17-014

This FOA will support biphasic (i.e., two stage, multi-method) research projects that inform community response and promote comprehensive, integrated approaches to prevent HIV and hepatitis C virus (HCV) infection, along with associated comorbidities such as hepatitis B virus (HBV) infection and sexually transmitted diseases (STDs), among people who inject drugs (PWID) in rural US communities. Opioid injection and its consequences (e.g., HIV, HCV, HBV, STDs and overdose) are the primary foci here. These projects should yield evidence of the effectiveness of community

response models and best practices in responding to opioid injection epidemics that can be implemented by public health systems in similar rural communities in the US.

Dates: Letter of Intent 30 days prior to Application due date Applications/AIDS Applications January 10, 2017
<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-17-014.html>

#9

Hepatitis C Virus (HCV) Advanced Molecular Detection in Support of Systems for Prevention, Treatment and Control of HIV, HCV and Related Comorbidities in Rural Communities Affected by Opioid Injection Drug Epidemics in the United States (U24)

DHHS - NIH
RFA-DA-17-023

This FOA will support a Center for HCV next-generation sequencing (advanced molecular detection) using Global Hepatitis Outbreak and Surveillance Technology ("GHOST") to be developed in collaboration with CDC's Division of Viral Hepatitis. The GHOST Center will support HCV next-generation sequencing activities of research projects funded by the companion RFA (RFA-DA-17-014).

Dates: Letter of Intent 30 days prior to Application due date Applications/AIDS Applications January 10, 2017
Link:

<http://grants.nih.gov/grants/guide/rfa-files/RFA-DA-17-023.html>

Janet Gregory

Grants Manager

Ohio Supercomputer Center (OSC)

A member of the Ohio Technology Consortium

1224 Kinnear Road, Columbus, Ohio 43212

Office: (614) 292-8492 • Mobile:

• Fax: (614) 292-7168

jgregory@osc.edu

Research-Team mailing list

Research-Team@lists.osc.edu

<https://lists.osu.edu/mailman/listinfo/research-team>

csfunding mailing list

csfunding@cs.unc.edu

<https://fafnir.cs.unc.edu/mailman/listinfo/csfunding>

Message

From: Carlsten, Nadia (CTR) [nadia.carlsten@associates.hq.dhs.gov]
on behalf of Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov> [nadia.carlsten@associates.hq.dhs.gov]
Sent: 10/11/2016 12:13:35 PM
To: Fabian Monrose [fabian@cs.unc.edu]
CC: Kevin Snow [kzsnow@cs.unc.edu]; tori@hipporeads.com; Nathalie Lagerfeld [nathalie@hipporeads.com]; Jason D. Rowley [jasondonaldrowley@gmail.com]
Subject: RE: Tech transfer at UNC

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From: Jason D. Rowley [mailto:jasondonaldrowley@gmail.com]
Sent: Monday, September 26, 2016 1:43 PM
To: Fabian Monrose <fabian@cs.unc.edu>; Nathalie Lagerfeld <nathalie@hipporeads.com>
Cc: Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov>; Kevin Snow <kzsnow@cs.unc.edu>; tori@hipporeads.com
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Sent: 10/14/2016 2:57:17 PM
To: Nathalie Lagerfeld [nathalie@hipporeads.com]
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on behalf of Fabian Monrose <fabian@cs.unc.edu> [fabian@cs.unc.edu]
Sent: 10/14/2016 7:03:52 PM
To: Nathalie Lagerfeld [nathalie@hipporeads.com]
CC: Jason D. Rowley [jasondonaldrowley@gmail.com]
Subject: Re: Tech transfer at UNC

FYI, I'm on the call with Kevin.
Cheers,

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(703) 963-1009

--

Nathalie Lagerfeld
Executive Editor, Hippo Thinks
nathalie@hipporeads.com
(703) 963-1009

Message

From: Fabian Monroe [fabian@cs.unc.edu]
on behalf of Fabian Monroe <fabian@cs.unc.edu> [fabian@cs.unc.edu]
Sent: 10/14/2016 7:41:55 PM
To: Nathalie Lagerfeld [nathalie@hipporeads.com]
CC: Jason D. Rowley
Subject: Re: Tech transfer at UNC

4pm works.
=Fabian

On Fri, Oct 14, 2016 at 3:41 PM, Nathalie Lagerfeld <nathalie@hipporeads.com> wrote:
Hi Fabian,

Sorry for the mix-up here. The calendar invite is for 4 p.m. Eastern; that's when I thought Jason and I were supposed to hop on the phone. I should have clarified in the email chain as well.

Are you free at 4 p.m. to speak with us? Again, I apologize for the confusion.

Best,

Nathalie

On Fri, Oct 14, 2016 at 2:03 PM, Fabian Monroe <fabian@cs.unc.edu> wrote:
FYI, I'm on the call with Kevin.
Cheers,

On Fri, Oct 14, 2016 at 10:59 AM, Nathalie Lagerfeld <nathalie@hipporeads.com> wrote:
Hi Fabian,

Ccing Jason here, who will be leading the interview. Jason, do you have any questions you might want Fabian to mull over ahead of time?

Thanks,

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On Fri, Oct 14, 2016 at 9:57 AM, Fabian Monroe <fabian@cs.unc.edu> wrote:
Hi Nathalie,
If you have a list of questions you'd like us to think about, please do send these along.
Cheers

Sent from my iPhone

On Oct 11, 2016, at 1:11 PM, Nathalie Lagerfeld <nathalie@hipporeads.com> wrote:

Hi Fabian,

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Thanks, and looking forward,

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Hi guys,

sorry, we've been really swamped here with the move, deadlines and other matters. Don't want to hold your article up. When are you thinking about doing the story? Kevin and I can probably coordinate to chat with you guys on Friday, (between 3-5pm), but before that looks very tough on my end.

Cheers,
-Fabian

On Tue, Oct 11, 2016 at 8:13 AM, Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov> wrote:

Fabian,

Following up on the below to see if you'll have a chance to talk with Jason and the Hippo Reads team. I know you're busy with the move from the University so happy to work around your schedule. I think it would be really good to include your perspective since ZeroPoint is such a good tech transfer story.

Best,

Nadia

From: Jason D. Rowley

Sent: Monday, September 26, 2016 1:43 PM

To: Fabian Monrose <fabian@cs.unc.edu>; Nathalie Lagerfeld <nathalie@hipporeads.com>

Cc: Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov>; Kevin Snow <kzsnow@cs.unc.edu>; tori@hipporeads.com

Subject: Re: Tech transfer at UNC

Hey Fabian,

I just wanted to loop back and see if you had time to look at your schedule. I know you mentioned that you were traveling so if you haven't had time yet, I totally understand.

Thursday and Friday of this week are still pretty open for me and I'd love to get a time on the calendar to talk about tech transfer from your perspective.

Hoping to hear back from you soon!

Best,

Jason D. Rowley

On Thu, Sep 22, 2016 at 3:06 PM Jason D. Rowley wrote:

Hey Fabian,

No worries, and sorry for the delay on my end as well!

In your last email, you mentioned that either Thursday the 29th or Friday the 30th are possibilities for you. Do you have any preferred time to talk on either one of those days? (I'm quite flexible but prefer times after noon, central time.)

At your convenience, please let me know what times work for you so we can set a time and move forward with this.

Thanks in advance for reply.

Best,

Jason D. Rowley

On Wed, Sep 21, 2016 at 12:34 PM Fabian Monroe <fabian@cs.unc.edu> wrote:

Hi,

Sorry for the delay. I'm in Europe until tomorrow and also traveling early part of next week -- so maybe Thursday 29th or Friday 30th?

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On Sep 21, 2016, at 6:28 PM, Nathalie Lagerfeld <nathalie@hipporeads.com> wrote:

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I've cc'd our writer for the piece, Jason Rowley, who will be conducting the interview, so you two can set up a time to chat. We can also send some questions in advance so you'll know where the conversation will be focused, and I'm happy to answer any other questions you have as well.

Also, for a taste of what the final article will look like, check out our previous articles for TTP in [TechCrunch](#) and [Gigaom](#).

Best,

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On Mon, Sep 12, 2016 at 12:39 PM, Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov> wrote:

Fabian,

TTP is writing an article about some of the challenges of doing tech transfer. I thought it would be great to include you and UNC to get the "university" perspective (we're getting some other quotes from people at the National Labs). Would you have some time to talk to Nathalie and

Tori (copied), from Hippo Reads who are helping us with the article? If there's someone at the licensing office that we can get an additional quote from, that would also be great. I know I talked to Peter about the release but wasn't sure if he would be the right contact.

Thanks,

Nadia

Nadia Carlsten, Ph.D

Program Manager

Transition to Practice

Cyber Security Division (CSD)

Homeland Security Advanced Research Projects Agency (HSARPA)

Science and Technology Directorate (S&T)

Department of Homeland Security (DHS)

nadia.carlsten@associates.hq.dhs.gov

Office: [\(202\) 254-2366](tel:(202)254-2366)

Cell:

--

Nathalie Lagerfeld

Executive Editor, [Hippo Thinks](#)

nathalie@hipporeads.com

--

Best Regards,

Jason D. Rowley

<http://jasondrowley.com/>

<https://keybase.io/jdr/>

I am a strict adherent to article 2 & 10 of the Email Charter: <http://emailcharter.org/>

--

Best Regards,

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Executive Editor, Hippo Thinks
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Nathalie Lagerfeld
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nathalie@hipporeads.com

Message

From: Jason D. Rowley [jasondonaldrowley@gmail.com]
on behalf of Jason D. Rowley <jasondonaldrowley@gmail.com> [jasondonaldrowley@gmail.com]
Sent: 10/14/2016 7:56:05 PM
To: Fabian Monrose [fabian@cs.unc.edu]; Nathalie Lagerfeld [nathalie@hipporeads.com]
Subject: Re: Tech transfer at UNC

Hey Fabian,

I know we're talking in 5 minutes, but I'd like to share my questions ahead of time.

- General Background
- What is the nature of your current research work at UNC?
- Do you have any firsthand experience with the tech transfer process in your academic work?
- How does your experience at a place like Bell Labs compare and contrast with the tech transfer process in academia?
- In an interview with Bloomberg, the CIO of Los Alamos National Lab said that “federal researchers don’t have expertise in marketing and communicating to companies”. Do you think this same observation can be applied to academic researchers as well?
- What are some ways to bridge this gap? Is there anything that UNC does to help researchers champion their ideas?

There will likely be some deviation from these questions, depending on how the conversation flows.

Talk soon!

Best,
Jason

On Fri, Oct 14, 2016 at 2:41 PM Fabian Monrose <fabian@cs.unc.edu> wrote:

4pm works.

=Fabian

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Cc: Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov>; Kevin Snow <kzsnow@cs.unc.edu>; tori@hipporeads.com
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Nadia Carlsten, Ph.D

Program Manager

Transition to Practice

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Nathalie Lagerfeld

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Message

From: Afzal Amijee [afzal@amijee.com]
on behalf of Afzal Amijee <afzal@amijee.com> [afzal@amijee.com]
Sent: 11/5/2016 6:49:10 PM
To: Fabian Monroe [fabian@cs.unc.edu]
CC: cs_kzsnow.con [kzsnow@cs.unc.edu]
Subject: Re: Introduction

Moving Peter to bcc.

Fabian - happy to connect post mid Nov. Pls let me know dates/times option.

Afzal

On Nov 5, 2016, at 2:05 PM, Fabian Monroe <fabian@cs.unc.edu> wrote:

Thanks for the intro, Peter.

@Afzal, we'd love to get together and chat. Both Kevin and I are pretty swamped right now with a major proposal due in 10 days; happy to connect after that!

Cheers

Sent from my iPhone

On Nov 5, 2016, at 11:43 AM, Afzal Amijee <afzal@amijee.com> wrote:

Hi Kevin, Fabian

Peter - thank you for introducing me Kevin and Fabian.

Kevin/Fabian - it would be great to connect either by phone or over a coffee. I would love to learn more about your product/venture and in particular how you are managing the business side and your future plans for scaling it up.

Context: I recently relocated to Chapel Hill from Europe (my wife joined faculty at Kenan-Flagler). I have an entrepreneurial background and have a track record in growing / running B2B software companies. I have also built software products in a startup environment and successfully closed a number of funding rounds. I can tell you more when we connect.

Looking forward to hearing from you.

Regards

Afzal

On Fri, Nov 4, 2016 at 4:53 PM, Liao, Peter <liaopb@unc.edu> wrote:

Kevin and Fabian,

I wanted to introduce Afzal Amijee (copied), an entrepreneur who recently moved to the area and is looking to get involved in the startup scene here at UNC. I mentioned Zeropoint to him and he is interested to learn more. If I can help facilitate any discussion, just let me know. Thanks.

Best regards,

Peter

Peter Liao

Commercialization Manager | Office of Commercialization & Economic
Development

The University of North Carolina at Chapel Hill

100 Europa Drive, Suite 430 | Chapel Hill, NC 27517 | (p) 919.966.3929 (f)
919.962.0646

oced.unc.edu

Message

From: Afzal Amijee
on behalf of Afzal Amijee
Sent: 11/15/2016 4:23:39 PM
To: Fabian Monroe [fabian@cs.unc.edu]
CC: cs_kzsnow.con [kzsnow@cs.unc.edu]; Liao, Peter [liaopb@unc.edu]
Subject: Re: Introduction

Dear Fabian

I hope you are well and had a success with your proposal. Was wondering when it might be a good time to speak or meet? I am flexible.

Looking forward

Afzal

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oced.unc.edu

Message

From: Liao, Peter [liaopb@unc.edu]
on behalf of Liao, Peter <liaopb@unc.edu> [liaopb@unc.edu]
Sent: 11/17/2016 3:00:48 PM
To: Carlsten, Nadia (CTR) [nadia.carlsten@associates.hq.dhs.gov]; cs_kzsnow.con [kzsnow@cs.unc.edu]; Fabian
Monrose [fabian@cs.unc.edu]
CC: Smith, Shelby L (CTR) [shelby.smith@associates.hq.dhs.gov]; Brown, Amelia (CTR)
[amelia.brown@associates.hq.dhs.gov]
Subject: RE: FW: TTP Press release- ZeroPoint

Nadia,

I thought that I would update you on the license. We have been waiting on one last conflict-of-interest approval from an internal group here at UNC, and once we have that, we will have signatures on the license -- our COI staff has just been swamped lately, so I apologize for the delay. I am fine with the press release going out if you're comfortable with that. The license really is all but done.

Thanks,

Peter

Peter Liao

Commercialization Manager | Office of Commercialization & Economic Development
The University of North Carolina at Chapel Hill
100 Europa Drive, Suite 430 | Chapel Hill, NC 27517 | (p) 919.966.3929 (f) 919.962.0646
oced.unc.edu

From: Carlsten, Nadia (CTR) [mailto:nadia.carlsten@associates.hq.dhs.gov]
Sent: Tuesday, November 01, 2016 11:41 AM
To: cs_kzsnow.con; Liao, Peter; Fabian Monrose
Cc: Smith, Shelby L (CTR); Brown, Amelia (CTR)
Subject: RE: FW: TTP Press release- ZeroPoint

Kevin,

Checking in to see if the license between UNC and ZeroPoint is finalized yet? We are holding the press release until it's done.

Best,
Nadia

From: Kevin Snow [mailto:kzsnow@cs.unc.edu]
Sent: Wednesday, August 3, 2016 4:10 PM
To: Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov>
Cc: Liao, Peter <liaopb@unc.edu>; Smith, Shelby L (CTR) <shelby.smith@associates.hq.dhs.gov>; Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov>; Fabian Monrose <fabian@cs.unc.edu>; Nikolich, Anita <ANIKOLIC@nsf.gov>
Subject: Re: FW: TTP Press release- ZeroPoint

Hi Nadia,

I talked to Peter about this today and if you would like to go ahead and do the release it is okay. The licensing (from University to Zeropoint) should all be finalized by the end of the month, so it is your option as to whether (and how) to include that in the release.

Cheers,
Kevin

On Mon, Aug 1, 2016 at 9:32 AM, Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov> wrote:

Kevin/Peter,

Any news on the following? Please let us know how you want us to proceed on the press release.

Thanks,

Nadia

From: Carlsten, Nadia (CTR)
Sent: Friday, July 15, 2016 9:46 AM
To: 'Liao, Peter' <liaopb@unc.edu>; Kevin Snow <kzsnow@cs.unc.edu>
Cc: Nikolich, Anita <ANIKOLIC@nsf.gov>; Smith, Shelby L (CTR) <shelby.smith@associates.hq.dhs.gov>; Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov>; Fabian Monroe <fabian@cs.unc.edu>
Subject: RE: TTP Press release- ZeroPoint

Kevin and Peter,

Would you like us to wait for the release until your licensing deal is finalized? If it's only going to be a couple weeks we can keep going through the DHS approval process and hold off to release until we get the green light from you. Please let us know how you want us to proceed.

Thanks,

Nadia

From: Liao, Peter [mailto:liaopb@unc.edu]
Sent: Friday, July 15, 2016 8:35 AM
To: Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov>; cs_kzsnow.con <kzsnow@cs.unc.edu>

Cc: Nikolich, Anita <ANIKOLIC@nsf.gov>; Smith, Shelby L (CTR) <shelby.smith@associates.hq.dhs.gov>; Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov>; Fabian Monrose <fabian@cs.unc.edu>

Subject: RE: TTP Press release- ZeroPoint

Hi Nadia,

We are pretty close to being done with the license. I would hope to be wrapped up in the next few weeks, if everything goes as expected.

Thanks,

Peter

Peter Liao

Commercialization Manager | Office of Commercialization & Economic Development

The University of North Carolina at Chapel Hill

100 Europa Drive, Suite 430 | Chapel Hill, NC 27517 | (p) [919-966-3929](tel:919-966-3929) (f) [919-962-0646](tel:919-962-0646)

Campus Office: 212 Sitterson Hall

Campus Office Phone: [919-843-5028](tel:919-843-5028)

From: Carlsten, Nadia (CTR) [<mailto:nadia.carlsten@associates.hq.dhs.gov>]

Sent: Thursday, July 14, 2016 6:28 PM

To: Liao, Peter; cs_kzsnow.con

Cc: Nikolich, Anita; Smith, Shelby L (CTR); Brown, Amelia (CTR); Fabian Monrose

Subject: RE: TTP Press release- ZeroPoint

Peter,

Thanks for the response. Can you let us know how far along the licensing process you are? Do you expect to happen in the next few weeks or is it more complex?

Thanks,
Nadia

From: Liao, Peter
Sent: Thursday, July 14, 2016 4:35:32 PM
To: cs_kzsnow.con; Carlsten, Nadia (CTR)
Cc: Nikolich, Anita; Smith, Shelby L (CTR); Brown, Amelia (CTR); Fabian Monroe
Subject: RE: TTP Press release- ZeroPoint

The only note I have is probably just a semantic comment about "spun-off" – we are still working to have the company, Zeropoint, set up with the full license to commercialize the University technology. But, I think they may have at least incorporated, so probably fair to say that the company has spun off.

Peter

Peter Liao

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Campus Office Phone: [919-843-5028](tel:919-843-5028)

From: Kevin Snow [<mailto:kzsnow@cs.unc.edu>]
Sent: Friday, July 08, 2016 5:25 PM
To: Liao, Peter
Cc: Carlsten, Nadia (CTR); Nikolich, Anita; Smith, Shelby L (CTR); Brown, Amelia (CTR); Fabian Monroe
Subject: Re: TTP Press release- ZeroPoint

Peter,

The document is attached.

Cheers,
Kevin

On Fri, Jul 8, 2016 at 4:30 PM, Liao, Peter <liaopb@unc.edu> wrote:

Happy to help. Could you please forward a copy of the text – I've not received the attachment with any of the emails.
Thanks!

Best regards,

Peter

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From: Carlsten, Nadia (CTR) [<mailto:nadia.carlsten@associates.hq.dhs.gov>]

Sent: Friday, July 08, 2016 4:29 PM

To: cs_kzsnow.con; Liao, Peter

Cc: Nikolich, Anita; Smith, Shelby L (CTR); Brown, Amelia (CTR); Fabian Monroe

Subject: RE: TTP Press release- ZeroPoint

Thanks Kevin. Peter, we will wait for your review/approval, let us know if you have any questions.

Thank you,
Nadia

From: Kevin Snow
Sent: Friday, July 08, 2016 2:35:50 PM
To: Carlsten, Nadia (CTR); Peter Liao
Cc: Nikolich, Anita; Smith, Shelby L (CTR); Brown, Amelia (CTR); Fabian Monroe
Subject: Re: TTP Press release- ZeroPoint

Hi Nadia,

The content looks good to me. I'm told that anything mentioning UNC should go through Peter Liao on the UNC side. I'm copying him in this reply.

Cheers,
Kevin

On Fri, Jul 8, 2016 at 12:55 PM, Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov> wrote:

Kevin, Anita,

Attached is the press release for the ZeroPoint transition. Please review and approve if no comments/edits so that we can proceed with the internal review process. Kevin, I don't have additional contacts for UNC, if additional approval from UNC is needed please identify who the contact should be and let us know.

Thank you,

Nadia Carlsten, Ph.D

Transition to Practice

Cyber Security Division (CSD)

Homeland Security Advanced Research Projects Agency (HSARPA)

Science and Technology Directorate (S&T)

Department of Homeland Security (DHS)

nadia.carlsten@associates.hq.dhs.gov

Office: (202) 254-2366

Message

From: Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]
on behalf of Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov> [amelia.brown@associates.hq.dhs.gov]
Sent: 12/7/2016 4:37:45 PM
To: kzsnow@cs.unc.edu
CC: fabian@cs.unc.edu; Carlsten, Nadia (CTR) [nadia.carlsten@associates.hq.dhs.gov]; Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]
Subject: ZeroPoint at RSA - responses required!
Importance: High

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Thanks,
Amelia

Amelia Brown
Support Contractor

Cyber Security Division (CSD)
Homeland Security Advanced Research Projects Agency (HSARPA)
Science and Technology Directorate
Department of Homeland Security
Amelia.Brown@associates.hq.dhs.gov
Office: 202-254-6857 | BB: 202-870-3534
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Message

From: Fabian Monrose [fabian@cs.unc.edu]
on behalf of Fabian Monrose <fabian@cs.unc.edu> [fabian@cs.unc.edu]
Sent: 12/8/2016 8:37:08 PM
To: Kevin Snow [kzsnow@cs.unc.edu]
Subject: Re: Introduction

Remember Manos is visiting Monday afternoon.

Sent from my iPhone

On Dec 8, 2016, at 10:40 AM, Kevin Snow <kzsnow@cs.unc.edu> wrote:

Hi Afzal,

I'm happy to have you over at the ZP office on a Monday or Wednesday afternoon, if that works on your end and for Fabian.

Cheers,
Kevin

On Dec 8, 2016 10:13 AM, "Afzal Amijee" wrote:
Dear Fabian, Kevin

Hope you are both well. I am hoping things are slowing down for you, so wondering whether you have time to speak/connect?

I am very keen to learn of Zeropoint's solution.

Afzal

On Sat, Nov 5, 2016 at 2:05 PM, Fabian Monrose <fabian@cs.unc.edu> wrote:
Thanks for the intro, Peter.

@Afzal, we'd love to get together and chat. Both Kevin and I are pretty swamped right now with a major proposal due in 10 days; happy to connect after that!

Cheers

Sent from my iPhone

On Nov 5, 2016, at 11:43 AM, Afzal Amijee wrote:

Hi Kevin, Fabian

Peter - thank you for introducing me Kevin and Fabian.

Kevin/Fabian - it would be great to connect either by phone or over a coffee. I would love to learn more about your product/venture and in particular how you are managing the business side and your future plans for scaling it up.

Context: I recently relocated to Chapel Hill from Europe (my wife joined faculty at Kenan-Flagler). I have an entrepreneurial background and have a track record in growing / running B2B software companies. I have also built software products in a startup environment and successfully closed a number of funding rounds. I can tell you more when we connect.

Looking forward to hearing from you.

Regards

Afzal

On Fri, Nov 4, 2016 at 4:53 PM, Liao, Peter <liaopb@unc.edu> wrote:

Kevin and Fabian,

I wanted to introduce Afzal Amijee (copied), an entrepreneur who recently moved to the area and is looking to get involved in the startup scene here at UNC. I mentioned Zeropoint to him and he is interested to learn more. If I can help facilitate any discussion, just let me know. Thanks.

Best regards,

Peter

Peter Liao

Commercialization Manager | Office of Commercialization & Economic Development

The University of North Carolina at Chapel Hill

100 Europa Drive, Suite 430 | Chapel Hill, NC 27517 | (p) [919.966.3929](tel:919.966.3929) (f) [919.962.0646](tel:919.962.0646)

oced.unc.edu

.....

Message

From: Fabian Monrose [fabian@cs.unc.edu]
on behalf of Fabian Monrose <fabian@cs.unc.edu> [fabian@cs.unc.edu]
Sent: 12/9/2016 5:04:35 PM
To: Kevin Snow [kevin@zeropointdynamics.com]
Subject: Fwd: ZeroPoint at RSA - responses required!

----- Forwarded message -----

From: **Brown, Amelia (CTR)** <amelia.brown@associates.hq.dhs.gov>
Date: Fri, Dec 9, 2016 at 12:03 PM
Subject: RE: ZeroPoint at RSA - responses required!
To: "kzsnow@cs.unc.edu" <kzsnow@cs.unc.edu>
Cc: "fabian@cs.unc.edu" <fabian@cs.unc.edu>, "Carlsten, Nadia (CTR)" <nadia.carlsten@associates.hq.dhs.gov>

Kevin/Fabian,

Please send the requested info ASAP! We especially need to know if you have any restrictions during the event, as we need to go to print with the schedule. Thanks!
Amelia

From: Brown, Amelia (CTR)
Sent: Wednesday, December 7, 2016 11:38 AM
To: 'kzsnow@cs.unc.edu' <kzsnow@cs.unc.edu>
Cc: 'fabian@cs.unc.edu' <fabian@cs.unc.edu>; Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov>; Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov>
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Office: [202-254-6857](tel:202-254-6857) | BB: [202-870-3534](tel:202-870-3534)

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Message

From: Kevin Snow [kzsnow@cs.unc.edu]
on behalf of Kevin Snow <kzsnow@cs.unc.edu> [kzsnow@cs.unc.edu]
Sent: 12/9/2016 6:51:12 PM
To: Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]
CC: fabian@cs.unc.edu; Carlsten, Nadia (CTR) [nadia.carlsten@associates.hq.dhs.gov]
Subject: Re: ZeroPoint at RSA - responses required!

Amelia,

I don't have any restrictions, so please schedule me as you see fit. Will we have reliable internet access for the demos?

Cheers,
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on behalf of Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov> [amelia.brown@associates.hq.dhs.gov]
Sent: 12/9/2016 6:57:32 PM
To: Kevin Snow [kzsnow@cs.unc.edu]
CC: fabian@cs.unc.edu; Carlsten, Nadia (CTR) [nadia.carlsten@associates.hq.dhs.gov]
Subject: RE: ZeroPoint at RSA - responses required!

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From: Kevin Snow [mailto:kzsnow@cs.unc.edu]
Sent: Friday, December 9, 2016 1:51 PM
To: Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov>
Cc: fabian@cs.unc.edu; Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov>
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From: Kevin Snow [kzsnow@cs.unc.edu]
on behalf of Kevin Snow <kzsnow@cs.unc.edu> [kzsnow@cs.unc.edu]
Sent: 12/9/2016 7:40:17 PM
To: Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]
CC: fabian@cs.unc.edu; Carlsten, Nadia (CTR) [nadia.carlsten@associates.hq.dhs.gov]
Subject: Re: ZeroPoint at RSA - responses required!

Hi Amelia,

Yep, we'll have recorded demos as well. My cell is _____ it will just be me attending, and no we haven't been active on social media, but I really should post something once a month or so...

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Sent: 12/12/2016 3:18:38 PM
To: fabian@cs.unc.edu; kzsnow@cs.unc.edu
CC: Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]
Subject: Press release
Attachments: Press Release_TTP-ZeroPoint_OPA-edits.docx
Importance: High

Kevin + Fabian,

Is your license finalized yet? Please let us know by COB today and review the press release attached. It has been approved on our end and they would like to release by tomorrow.

Thanks

Nadia

Nadia Carlsten, Ph.D

Program Manager

Transition to Practice

Cyber Security Division (CSD)

Homeland Security Advanced Research Projects Agency (HSARPA)

Science and Technology Directorate (S&T)

Department of Homeland Security (DHS)

nadia.carlsten@associates.hq.dhs.gov

Office: (202) 254-2366



**Homeland
Security**

Press Release

December 8, 2016

Contact: S&T Public Affairs, 202-254-2385

DHS S&T TRANSITION TO PRACTICE PROGRAM TRANSITIONS EIGHTH CYBERSECURITY TECHNOLOGY FOR COMMERCIALIZATION

WASHINGTON —The Department of Homeland Security (DHS) Science and Technology Directorate’s (S&T) Homeland Security Advanced Research Projects Agency has announced the eighth cybersecurity technology transitioning to commercialization as a part of its Cyber Security Division’s (CSD) Transition to Practice (TTP) program.

ZeroPoint technology, an exploit detection and analytics tool funded by the National Science Foundation and developed by researchers at the University of North Carolina at Chapel Hill, focuses on analyzing documents, email, web content and server traffic for potentially hazardous content known as exploit payloads. With this technology, users will not need to guess whether a document is infected with malicious code and instead will be notified quickly before data is lost.

“Today, phishing and web-based attacks are all too familiar,” said DHS Under Secretary for Science and Technology Dr. Reginald Brothers. “Providing innovative, effective and user-friendly technology is essential to protecting against full-scale data breaches, and S&T is proud to prioritize new developments in this arena.”

The TTP program complements the S&T process of funding projects through the full research-and-development lifecycle and into the commercial marketplace. Each fiscal year, the TTP program selects promising cybersecurity technologies developed with federal funding to incorporate into the 36-month transition-to-market program. TTP introduces these technologies to cybersecurity professionals around the country with the goal of connecting them to investors, developers and integrators who can advance the technology and turn it into commercially viable products.

In Spring 2014, the TTP program identified ZeroPoint as a promising candidate for transition to the commercial marketplace. The key to the ZeroPoint approach is a patented “execution-of-data” technology that uses an advanced micro-operating system built into the analysis engine to enable fast, accurate inspections of data and memory to identify malicious code.

“In the past, detection approaches relied on previously observed attacks, which are complex and costly,” said CSD Director Douglas Maughan. “The ZeroPoint approach is a unique technology that provides fast, transparent and accurate detection to stop cyber adversaries from harming enterprise infrastructure and networks.”

TTP has 24 active technologies and 16 additional technologies that have completed the program's three-year process. Eight TTP technologies—Quantum Secured Communications, Hyperion, Hone, NeMS, PathScan, PACRAT, LOCKMA and now ZeroPoint—have successfully transitioned to the marketplace.

With the success of the ZeroPoint transition, S&T hopes commercial technology partners and end-users will take notice of other technologies in the TTP program and the government-wide R&D community for solutions to complex cybersecurity issues.

For more information about the TTP program, visit the program's webpage, view the project video or email ST.TTP@hq.dhs.gov.

CSD's mission is to enhance the security and resilience of the nation's critical information infrastructure and the Internet by developing and delivering new technologies, tools and techniques to defend against cyberattacks. The division conducts and supports technology transitions and leads and coordinates R&D among DHS customers, government agencies, the private sector and international partners. For more information about CSD, visit <https://www.dhs.gov/cyber-research>.

###

Message

From: Carlsten, Nadia (CTR) [nadia.carlsten@associates.hq.dhs.gov]
on behalf of Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov> [nadia.carlsten@associates.hq.dhs.gov]
Sent: 12/12/2016 7:37:57 PM
To: Liao, Peter [liaopb@unc.edu]; Fabian Monrose [fabian@cs.unc.edu]
CC: cs_kzsnow.con [kzsnow@cs.unc.edu]; Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]
Subject: RE: Press release
Attachments: Press Release_TTP-ZeroPoint_OPA-edits.docx

Great, so we're good to go! DHS will be releasing the attached today or tomorrow.

Best,
Nadia

From: Liao, Peter [mailto:liaopb@unc.edu]
Sent: Monday, December 12, 2016 2:29 PM
To: Fabian Monrose <fabian@cs.unc.edu>; Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov>
Cc: cs_kzsnow.con <kzsnow@cs.unc.edu>; Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov>
Subject: RE: Press release

That's correct. We should have all signatures in our possession now. Thanks!

Peter

From: Fabian Monrose [mailto:fabian@cs.unc.edu]
Sent: Monday, December 12, 2016 2:27 PM
To: Carlsten, Nadia (CTR); Liao, Peter
Cc: cs_kzsnow.con; Brown, Amelia (CTR)
Subject: Re: Press release

Bringing Peter into the loop. I believe we signed the final paperwork last Friday --- but Peter can comment.

Sent from my iPhone

On Dec 12, 2016, at 10:18 AM, Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov> wrote:

Kevin + Fabian,

Is your license finalized yet? Please let us know by COB today and review the press release attached. It has been approved on our end and they would like to release by tomorrow.

Thanks
Nadia

Nadia Carlsten, Ph.D
Program Manager
Transition to Practice
Cyber Security Division (CSD)
Homeland Security Advanced Research Projects Agency (HSARPA)
Science and Technology Directorate (S&T)
Department of Homeland Security (DHS)
nadia.carlsten@associates.hq.dhs.gov

Office: (202) 254-2366

<Press Release_TTP-ZeroPoint_OPA-edits.docx>



Homeland
Security

Press Release

December 8, 2016

Contact: S&T Public Affairs, 202-254-2385

DHS S&T TRANSITION TO PRACTICE PROGRAM TRANSITIONS EIGHTH CYBERSECURITY TECHNOLOGY FOR COMMERCIALIZATION

WASHINGTON —The Department of Homeland Security (DHS) Science and Technology Directorate’s (S&T) Homeland Security Advanced Research Projects Agency has announced the eighth cybersecurity technology transitioning to commercialization as a part of its Cyber Security Division’s (CSD) Transition to Practice (TTP) program.

ZeroPoint technology, an exploit detection and analytics tool funded by the National Science Foundation and developed by researchers at the University of North Carolina at Chapel Hill, focuses on analyzing documents, email, web content and server traffic for potentially hazardous content known as exploit payloads. With this technology, users will not need to guess whether a document is infected with malicious code and instead will be notified quickly before data is lost.

“Today, phishing and web-based attacks are all too familiar,” said DHS Under Secretary for Science and Technology Dr. Reginald Brothers. “Providing innovative, effective and user-friendly technology is essential to protecting against full-scale data breaches, and S&T is proud to prioritize new developments in this arena.”

The TTP program complements the S&T process of funding projects through the full research-and-development lifecycle and into the commercial marketplace. Each fiscal year, the TTP program selects promising cybersecurity technologies developed with federal funding to incorporate into the 36-month transition-to-market program. TTP introduces these technologies to cybersecurity professionals around the country with the goal of connecting them to investors, developers and integrators who can advance the technology and turn it into commercially viable products.

In Spring 2014, the TTP program identified ZeroPoint as a promising candidate for transition to the commercial marketplace. The key to the ZeroPoint approach is a patented “execution-of-data” technology that uses an advanced micro-operating system built into the analysis engine to enable fast, accurate inspections of data and memory to identify malicious code.

“In the past, detection approaches relied on previously observed attacks, which are complex and costly,” said CSD Director Douglas Maughan. “The ZeroPoint approach is a unique technology that provides fast, transparent and accurate detection to stop cyber adversaries from harming enterprise infrastructure and networks.”

TTP has 24 active technologies and 16 additional technologies that have completed the program's three-year process. Eight TTP technologies—Quantum Secured Communications, Hyperion, Hone, NeMS, PathScan, PACRAT, LOCKMA and now ZeroPoint—have successfully transitioned to the marketplace.

With the success of the ZeroPoint transition, S&T hopes commercial technology partners and end-users will take notice of other technologies in the TTP program and the government-wide R&D community for solutions to complex cybersecurity issues.

For more information about the TTP program, visit the program's webpage, view the project video or email ST.TTP@hq.dhs.gov.

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###

Message

From: Carlsten, Nadia (CTR) [nadia.carlsten@associates.hq.dhs.gov]
on behalf of Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov> [nadia.carlsten@associates.hq.dhs.gov]
Sent: 12/13/2016 9:13:38 PM
To: Liao, Peter [liaopb@unc.edu]; Fabian Monroe [fabian@cs.unc.edu]; cs_kzsnow.con [kzsnow@cs.unc.edu]
CC: Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]
Subject: RE: Press release

FYI

<https://www.dhs.gov/science-and-technology/news/2016/12/13/news-release-dhs-st-transitions-8th-cybersecurity-tech>

From: Liao, Peter [mailto:liaopb@unc.edu]
Sent: Monday, December 12, 2016 5:41 PM
To: Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov>; Liao, Peter <liaopb@unc.edu>; Fabian Monroe <fabian@cs.unc.edu>; cs_kzsnow.con <kzsnow@cs.unc.edu>
Cc: Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov>
Subject: RE: Press release

Yes, I think that's fine. Thanks.

Peter

----- Original message -----

From: "Carlsten, Nadia (CTR)" <nadia.carlsten@associates.hq.dhs.gov>
Date: 12/12/16 4:46 PM (GMT-05:00)
To: "Liao, Peter" <liaopb@unc.edu>, Fabian Monroe <fabian@cs.unc.edu>, "cs_kzsnow.con" <kzsnow@cs.unc.edu>
Cc: "Brown, Amelia (CTR)" <amelia.brown@associates.hq.dhs.gov>
Subject: RE: Press release

Peter,

Reading the press release over, it seems a key sentence about the transition is missing in the second paragraph. Can you confirm that it would be correct to say: "ZeroPoint, an exploit detection and analytics tool...has spun off from UNC as a startup company called ZeroPoint Dynamics". If so I'll add that in. I believe it was in there when you reviewed the first time.

Thanks

Nadia

From: Liao, Peter [mailto:liaopb@unc.edu]
Sent: Monday, December 12, 2016 2:29 PM
To: Fabian Monroe <fabian@cs.unc.edu>; Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov>
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Subject: RE: Press release

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To: Carlsten, Nadia (CTR); Liao, Peter
Cc: cs_kzsnow.con; Brown, Amelia (CTR)
Subject: Re: Press release

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Sent from my iPhone

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Thanks

Nadia

Nadia Carlsten, Ph.D

Program Manager

Transition to Practice

Cyber Security Division (CSD)

Homeland Security Advanced Research Projects Agency (HSARPA)

Science and Technology Directorate (S&T)

Department of Homeland Security (DHS)

nadia.carlsten@associates.hq.dhs.gov

Office: (202) 254-2366

<Press Release_TTP-ZeroPoint_OPA-edits.docx>

Message

From: Kevin Jeffay [jeffay@cs.unc.edu]
on behalf of Kevin Jeffay <jeffay@cs.unc.edu> [jeffay@cs.unc.edu]
Sent: 12/13/2016 10:44:46 PM
To: Fabian Monroe [fabian@cs.unc.edu]
Subject: Re: Press release

Cool! Thanks...

On Dec 13, 2016, at 5:38 PM, Fabian Monroe <fabian@cs.unc.edu> wrote:

This went out today.

Sent from my iPhone

Begin forwarded message:

From: "Carlsten, Nadia (CTR)" <nadia.carlsten@associates.hq.dhs.gov>
Date: December 13, 2016 at 4:13:38 PM EST
To: "Liao, Peter" <liaopb@unc.edu>, Fabian Monroe <fabian@cs.unc.edu>, cs_kzsnow.con <kzsnow@cs.unc.edu>
Cc: "Brown, Amelia (CTR)" <amelia.brown@associates.hq.dhs.gov>
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Cc: Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov>
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Date: 12/12/16 4:46 PM (GMT-05:00)
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Nadia

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Sent: Monday, December 12, 2016 2:29 PM
To: Fabian Monrose <fabian@cs.unc.edu>; Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov>
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Nadia

Nadia Carlsten, Ph.D
Program Manager
Transition to Practice
Cyber Security Division (CSD)
Homeland Security Advanced Research Projects Agency (HSARPA)
Science and Technology Directorate (S&T)

Department of Homeland Security (DHS)

nadia.carlsten@associates.hq.dhs.gov

Office: (202) 254-2366

<Press Release_TTP-ZeroPoint_OPA-edits.docx>

Message

From: Carlsten, Nadia (CTR) [nadia.carlsten@associates.hq.dhs.gov]
on behalf of Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov> [nadia.carlsten@associates.hq.dhs.gov]
Sent: 12/20/2016 1:54:09 PM
To: Fabian Monroe [fabian@cs.unc.edu]; cs_kzsnow.con [kzsnow@cs.unc.edu]
Subject: proofpoint?

Kevin/Fabian

How familiar are you with Proofpoint? I noticed their description of targeted attack protection sounds a lot like ZeroPoint...

<https://www.proofpoint.com/us/products/targeted-attack-protection>

Nadia Carlsten, Ph.D

Program Manager

Transition to Practice

Cyber Security Division (CSD)

Homeland Security Advanced Research Projects Agency (HSARPA)

Science and Technology Directorate (S&T)

Department of Homeland Security (DHS)

nadia.carlsten@associates.hq.dhs.gov

Office: (202) 254-2366

Message

From: Fabian Monrose [fabian@cs.unc.edu]
on behalf of Fabian Monrose <fabian@cs.unc.edu> [fabian@cs.unc.edu]
Sent: 12/22/2016 9:39:50 PM
To: Carlsten, Nadia (CTR) [nadia.carlsten@associates.hq.dhs.gov]
CC: cs_kzsnow.con [kzsnow@cs.unc.edu]
Subject: Re: proofpoint?

Hi Nadia,

Happy Holidays! Not sure if Kevin already responded to you, but yes, we are aware of Proofpoint. The first time we came across them was when one of the participants at a TTP event mentioned them about a year ago. Their marketing and product descriptions did indeed give us pause, as some of their products and approach sound closer to us (on our weaponized document detection) than any other company we've seen. Details of what they actually do are few and far between, but we will be taking a closer look at their technology in the coming months. Hopefully we will get to do a head to head comparison in the future.

BTW, as far as I can tell, proofpoint rose on the scene very quickly, and seemed to have moved away from marketing themselves as an endpoint detection solution (in a very crowded space) to an archiving solution (per their recent top ranking in the magic quadrant for that space). Definitely a lesson there for us to take note of.

Cheers
Fabian

Sent from my iPhone

On Dec 20, 2016, at 9:54 AM, Carlsten, Nadia (CTR) <nadia.carlsten@associates.hq.dhs.gov> wrote:

Kevin/Fabian

How familiar are you with Proofpoint? I noticed their description of targeted attack protection sounds a lot like ZeroPoint...

<https://www.proofpoint.com/us/products/targeted-attack-protection>

Nadia Carlsten, Ph.D

Program Manager

Transition to Practice

Cyber Security Division (CSD)

Homeland Security Advanced Research Projects Agency (HSARPA)

Science and Technology Directorate (S&T)

Department of Homeland Security (DHS)

nadia.carlsten@associates.hq.dhs.gov

Office: (202) 254-2366

Message

From: Cindy Reifsnider [cynthia_reifsnider@unc.edu]
on behalf of Cindy Reifsnider <cynthia_reifsnider@unc.edu> [cynthia_reifsnider@unc.edu]
Sent: 1/12/2017 8:53:55 PM
To: fabian@cs.unc.edu
Subject: TCC Commercialization Award Program for Non-Life Science Startups
Attachments: TCC Commercialization Award Program Description final_pdf.html

Technology Commercialization CAROLINA

Dr Fabian Monroe,

As you may know, Cindy and I are PIs for the Technology Commercialization Carolina program. The program provides funding and support services for technology commercialization at UNC and across the state. We have developed an RFP to take in applications for some proof-of-concept funding for technology development. If you're familiar with KickStart's commercialization award program then you have the basic idea... Basically, we can provide \$5-20K awards for proof-of-concept/prototyping/technology validation work that needs to be done by 1) a startup that needs some type of preliminary results that would enable an application for SBIR or angel investment or 2) a "pre-startup" situation in which we need some validation to make a go/no-go decision about pursuing a startup/license.

Your UNC Startup, ZeroPoint Dynamics LLC, has been identified as a possible applicant for this program. Please review the attached RFP, as we invite you to apply. Applications are due by 5pm on January 31st and can be emailed to commercialization@unc.edu.

Jason and Cindy

Jason T. Doherty, Ph.D.

Director, Startup Consulting Program

Adjunct Assistant Professor

Frank Hawkins Kenan Institute of Private Enterprise at the University of North Carolina at Chapel Hill

Kenan Center ? Campus Box 3440 ? Chapel Hill, NC 27599-3440

phone: 919.962.2753 ?

Jason_Doherty@kenan-flagler.unc.edu

Cindy Reifsnider

Research Analyst, Innovate Carolina

Director, Market Landscape Research Service, OCED

Office of the Vice Chancellor for Innovation, Entrepreneurship and Economic Development

100 Europa Drive, Suite 430, CB# 4105, Chapel Hill, NC 27517

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

Cindy.Reifsnider@unc.edu | <http://innovate.unc.edu/>

919.843.3323



Attachment: [TCC Commercialization Award Program Description final.pdf](#)

Message

From: Manny Stockman [MStockman@osagepartners.com]
on behalf of Manny Stockman <MStockman@osagepartners.com> [MStockman@osagepartners.com]
Sent: 1/24/2017 3:14:28 PM
To: fabian@cs.unc.edu
Subject: VC fund reaching out a/b Zeropoint

Fabian,

I'm an investor at Osage University Partners, a ~\$300M venture capital fund that exclusively invests its dollars into university spinouts. We've partnered with 80+ universities, including UNC, to invest in core research startups in both tech and life sciences. We've invested in a few network infrastructure and cybersecurity companies, so your research is particularly interesting, as well what Zeropoint is doing.

Short notice, but I'm in Chapel Hill on Feb 9th with some time available after noon. Would you be free for a quick chat? Happy to jump on a phone call if not.

Best,
Manny

Emanuel Stockman, Ph.D.
Osage University Partners
50 Monument Road, Suite 201, Bala Cynwyd, PA 19004
(o) 484.270.3255 | . . .
mstockman@osagepartners.com | [LinkedIn](#)

Message

From: Manny Stockman [MStockman@osagepartners.com]
on behalf of Manny Stockman <MStockman@osagepartners.com> [MStockman@osagepartners.com]
Sent: 1/25/2017 3:22:53 AM
To: Fabian Monrose [fabian@cs.unc.edu]
CC: Kevin Snow [kevin@zeropointdynamics.com]
Subject: RE: VC fund reaching out a/b Zeropoint

Great. Kevin let me know if there is a particularly convenient time for you on Feb 9.

Best,
Manny

From: Fabian Monrose [mailto:fabian@cs.unc.edu]
Sent: Tuesday, January 24, 2017 1:59 PM
To: Manny Stockman <MStockman@osagepartners.com>
Cc: Kevin Snow <kevin@zeropointdynamics.com>
Subject: Re: VC fund reaching out a/b Zeropoint

Hi Manny,
nice to meet you. Friday the 9th should be fine. I'll let Kevin (Cc-ed) coordinate with you. The office is not too far from campus.

Cheers,
-Fabian

On Tue, Jan 24, 2017 at 10:14 AM, Manny Stockman <MStockman@osagepartners.com> wrote:

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Emanuel Stockman, Ph.D.

Osage University Partners

50 Monument Road, Suite 201, Bala Cynwyd, PA 19004

(o) 484.270.3255 |

mstockman@osagepartners.com | LinkedIn

Message

From: Kevin Snow [kevin@zeropointdynamics.com]
on behalf of Kevin Snow <kevin@zeropointdynamics.com> [kevin@zeropointdynamics.com]
Sent: 1/27/2017 9:04:15 PM
To: Manny Stockman [MStockman@osagepartners.com]
CC: Fabian Monroe [fabian@cs.unc.edu]
Subject: Re: VC fund reaching out a/b Zeropoint

Sounds good. Our address is:

104 S Estes Dr #107
Chapel Hill, NC 27514

On Fri, Jan 27, 2017 at 3:58 PM, Manny Stockman <MStockman@osagepartners.com> wrote:

Let's book that, and let me know if an earlier time opens up. What is your address?

From: Kevin Snow [mailto:kevin@zeropointdynamics.com]
Sent: Friday, January 27, 2017 3:52 PM
To: Fabian Monroe <fabian@cs.unc.edu>
Cc: Manny Stockman <MStockman@osagepartners.com>
Subject: Re: VC fund reaching out a/b Zeropoint

Hi Manny,

Would a 3pm meet on the 9th work on your end?

Cheers,
Kevin

On Tue, Jan 24, 2017 at 1:58 PM, Fabian Monroe <fabian@cs.unc.edu> wrote:

Hi Manny,

nice to meet you. Friday the 9th should be fine. I'll let Kevin (Cc-ed) coordinate with you. The office is not too far from campus.

Cheers,

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Osage University Partners

50 Monument Road, Suite 201, Bala Cynwyd, PA 19004

(o) [484.270.3255](tel:484.270.3255) |

mstockman@osagepartners.com | [LinkedIn](#)

Message

From: Emily Nichols [enichols@internet2.edu]
on behalf of Emily Nichols <enichols@internet2.edu> [enichols@internet2.edu]
Sent: 2/1/2017 9:55:38 PM
To: Kevin Snow [kevin@zeropointdynamics.com]; Fabian Monrose [fabian@cs.unc.edu]
Subject: Re: Interested in learning more about ZeroPoint

Kevin & Fabian –

Thank you for speaking with me last fall on Internet2's NSF EAGER Cybersecurity Transition to Practice Award #1650445, assisting cybersecurity research assets into operational environments by prototyping and providing experimental deployments within the Research & Education community.

I would like to invite you to participate in our upcoming Global Summit (April 23-26 in Washington DC). Internet2 is planning a Cyber Security Research Acceleration Workshop and Showcase on Wednesday, April 26th, 12:30-4PM. During this workshop, we will highlight cybersecurity research – like yours – to university and regional networking, IT, CIO, and research professionals who could be pilot users. The format will be a series of TED Talks on the cybersecurity research combined with a poster session. If you would like to participate, or would like to discuss further, please let me know. We will have funding available for transportation to Global Summit.

Best,
Emily

Emily Nichols
Innovation Program Manager
Internet2
Phone: 646 762 0849
Cell: 914 374 7667
Email: enichols@internet2.edu



INTERNET2
Be sure to join us at the
2017 Global Summit
Washington, DC
April 23-26

From: Kevin Snow <kevin@zeropointdynamics.com>
Date: Monday, September 19, 2016 at 4:38 PM
To: Emily Nichols <enichols@internet2.edu>
Cc: Fabian Monrose <fabian@cs.unc.edu>
Subject: Re: Interested in learning more about ZeroPoint

Emily,

That works on my end. You can reach me

I will send an invite.

Cheers,
Kevin

On Mon, Sep 19, 2016 at 1:04 PM, Emily Nichols <enichols@internet2.edu> wrote:

Hi Kevin –

Thursday 9/22 would be great! How's 4:15PM ET?

Best,

Emily

Emily Nichols

Innovation Program Manager

Internet2

Phone: [646 762 0849](tel:6467620849)

Email: enichols@internet2.edu

From: Kevin Snow <kevin@zeropointdynamics.com>

Date: Monday, September 19, 2016 at 12:13 PM

To: Emily Nichols <enichols@internet2.edu>

Cc: Fabian Monrose <fabian@cs.unc.edu>

Subject: Re: Interested in learning more about ZeroPoint

Hi Emily,

I'm always happy to discuss the Zeropoint work. I'd also like to hear about what you are doing with NSF/TTP. Are you available Thursday after 4pm EST or Friday between 2-5pm this week?

Cheers,
Kevin

On Fri, Sep 16, 2016 at 3:49 PM, Emily Nichols <enichols@internet2.edu> wrote:

Hi Fabian & Kevin –

Thank you so much for the quick response.

Kevin – would you be available to speak next week?

Best,

Emily

Emily Nichols

Innovation Program Manager

Internet2

Phone: [646 762 0849](tel:6467620849)

Email: enichols@internet2.edu

From: Fabian Monroe <fabian@cs.unc.edu>
Date: Friday, September 16, 2016 at 3:46 PM
To: Emily Nichols <enichols@internet2.edu>
Cc: Kevin Snow <kevin@zeropointdynamics.com>
Subject: Re: Interested in learning more about ZeroPoint

Hi Emily,

I'm currently out of the country until the 23rd, but Kevin (Cced) would be happy to chat with you in the interim.

Cheers

Sent from my iPhone

On Sep 16, 2016, at 9:10 PM, Emily Nichols <enichols@internet2.edu> wrote:

Dear Fabian –

I am part of a NSF award that is accelerating Transition to Practice (TTP) of NSF funded later stage cybersecurity research into operational environments by prototyping and providing experimental deployments. It is my understanding that your work with ZeroPoint could be of interest. I would be very interested in speaking with you to better understand the ZeroPoint work.

Would you be available for a half call to discuss the week of September 19th?

Best,

Emily

Emily Nichols

Innovation Program Manager

Internet2

Phone: [646 762 0849](tel:6467620849)

Email: enichols@internet2.edu

Message

From: Smith, Shelby L (CTR) [shelby.smith@associates.hq.dhs.gov]
on behalf of Smith, Shelby L (CTR) <shelby.smith@associates.hq.dhs.gov> [shelby.smith@associates.hq.dhs.gov]
Sent: 2/2/2017 10:57:22 PM
To: kzsnow@cs.unc.edu; fabian@cs.unc.edu
CC: Carlsten, Nadia [nadia.carlsten@hq.dhs.gov]; Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]; Smith, Shelby L (CTR) [shelby.smith@associates.hq.dhs.gov]
Subject: RE: PLS READ: RSA Communications Tool Kit + Info for ZeroPoint
Attachments: CSD_RSA_2017_Twitter_Schedule.png; CSD_RSA_2017_Twitter_TechList.png; CSD_RSA_2017_Facebook_Schedule.png; CSD_RSA_2017_Facebook_TechList.png

Hi all,
I just received social media graphics highlighting our booth technology demonstrations.

Regards,

Shelby

Shelby Smith

Support Contractor
Cyber Security Division
Science & Technology Directorate
Department of Homeland Security
Email: shelby.smith@associates.hq.dhs.gov
Direct Line: (202) 254-6796
Website: dhs.gov/cyber-research | Twitter: @dhsscitech

From: Smith, Shelby L (CTR)
Sent: Thursday, February 02, 2017 4:37 PM
To: kzsnow@cs.unc.edu; fabian@cs.unc.edu
Cc: Carlsten, Nadia; Brown, Amelia (CTR); Smith, Shelby L (CTR)
Subject: FW: PLS READ: RSA Communications Tool Kit + Info for ZeroPoint

Hello Kevin and Fabian,
CSD is very excited to have you demonstrate the **ZeroPoint** technology in our booth (2533) at RSA. To help you promote your technology, we have pulled together a high-level communications tools kit. Additionally, I have provided our outreach strategy details while onsite at RSA. One item that I need you to review is a Periscope interview. If you have any questions regarding communications, please feel free to connect with me.

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Graphics: social media, website, LCD, etc.	Help us promote your technology at CSD's booth. We have been promoting our booth on Twitter, Facebook and DHS.gov.
Social Media Promo content	I have provide promotional content to give you a flavor of what we are releasing. Feel free to pull content from the social media promo content and be sure to tag @dhsscitech in your posts.

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The interview will be run as an interview style with Vincent Sritapan, copied, introducing the researcher and asking a few questions such as:

- o What is your technology?
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Again, we are excited to see you at RSA. Once at RSA you can email or call my cell at

Regards,

Shelby

Shelby Smith
Support Contractor
Cyber Security Division

Science & Technology Directorate

Department of Homeland Security

Email: shelby.smith@associates.hq.dhs.gov

Direct Line: (202) 254-6796

Website: dhs.gov/cyber-research | Twitter: @dhsscitech

Cyber Security Division

Technology Demonstration Schedule



Homeland Security
Science and Technology

	Tues 2/14	Wed 2/15	Thurs 2/16
10:15-10:30	Internet Atlas	ImmuneSoft	QUASAR
10:45-11:00	AS-Rank	REnigma	DDNR
11:15-11:30	QUASAR	Internet Atlas	CHARIOT
11:45-12:00	DDNR	SilentAlarm	REDUCE
12:15-12:30	CHARIOT	ZeroPoint	Virtual Mobile Infrastructure
12:45-1:00	REDUCE	AS-Rank	ZeroPoint
1:15-1:30	Virtual Mobile Infrastructure	REDUCE	REnigma
1:45-2:00	ZeroPoint	Virtual Mobile Infrastructure	CodeDNA
2:15-2:30	REnigma	DDNR	-
2:45-3:00	CodeDNA	QUASAR	-
3:15-3:30	SilentAlarm	CodeDNA	-
3:45-4:00	ImmuneSoft	CHARIOT	-
4:15-4:30	Internet Atlas	ImmuneSoft	-
4:45-5:00	AS-Rank	SilentAlarm	-

Booth #2533

www.dhs.gov/cyber-research



@dhsscitech
#RSAC

AS-Rank

presented by the Center for Applied Internet Data Analysis (CAIDA), UC San Diego

Interactive Capabilities to Support Cyber Situational Awareness

CHARIOT

presented by the Massachusetts Institute of Technology - Lincoln Laboratory (MIT-LL)

Filtering and Enriching Relevant Content

CodeDNA

presented by the Johns Hopkins University Applied Physics Laboratory (JHU/APL)

Scalable, High-Speed, High-Volume, Shareable Malware Detection

DDNR

presented by Sandia National Laboratories (SNL)

Dynamic Defense and Network Randomization

ImmuneSoft

presented by BlueRISC

Software Immune System for Embedded Devices

Internet Atlas

presented by the University of Wisconsin

World Wide Internet Mapping and Monitoring

QUASAR

presented by the Massachusetts Institute of Technology - Lincoln Laboratory (MIT-LL)

Strategic Decision Support for Cyber Defense Planning

REDUCE

presented by Los Alamos National Lab (LANL)

Collaborative, Statistically Guided Exploration of Malware Similarities

REnigma

presented by the Johns Hopkins University Applied Physics Laboratory (JHU/APL)

A Tool to Reverse Engineer Malware

SilentAlarm

presented by the Pacific Northwest National Laboratory (PNNL)

Detecting Abnormal Network Traffic

Virtual Mobile Infrastructure

presented by Hypon

Secure Thin-Client Mobile Platform

ZeroPoint

presented by ZeroPoint Dynamics

Advanced Weaponized Document Detection and Analytics

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Science and Technology

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Booth #2533

| www.dhs.gov/cyber-research



@dhsscitech
#RSAC

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presented by ZeroPoint Dynamics

Advanced Weaponized Document Detection and Analytics

Message

From: Kevin Snow [kzsnow@cs.unc.edu]
on behalf of Kevin Snow <kzsnow@cs.unc.edu> [kzsnow@cs.unc.edu]
Sent: 2/4/2017 12:37:24 AM
To: Smith, Shelby L (CTR) [shelby.smith@associates.hq.dhs.gov]
CC: fabian@cs.unc.edu; Carlsten, Nadia [nadia.carlsten@hq.dhs.gov]; Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]
Subject: Re: FW: PLS READ: RSA Communications Tool Kit + Info for ZeroPoint

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I can do the interview, I just need to make sure it will not overlap with my demo @ 1:45.

Cheers,
Kevin

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Regards,

Shelby

Shelby Smith

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Direct Line: [\(202\) 254-6796](tel:(202)254-6796)

Website: dhs.gov/cyber-research | Twitter: @dhsscitech

Message

From: Manny Stockman [MStockman@osagepartners.com]
on behalf of Manny Stockman <MStockman@osagepartners.com> [MStockman@osagepartners.com]
Sent: 2/9/2017 3:03:37 AM
To: Kevin Snow [kevin@zeropointdynamics.com]
CC: Fabian Monrose [fabian@cs.unc.edu]
Subject: RE: Meeting: Zeropoint/Osage

Kevin, Fabian,

I apologize, but due to the weather in the Northeast, my evening flight from RDU has already been cancelled. I've had to reschedule to a 1pm flight and will not be able to visit your office.

Can we jump on a call in the next few weeks instead? I'd love to learn more about Zeropoint. I am wide open on the 17th except for 2pm. Any windows for you all?

Best,
Manny

-----Original Appointment-----

From: Manny Stockman
Sent: Wednesday, February 1, 2017 7:32 PM
To: Kevin Snow
Cc: Fabian Monrose
Subject: Meeting: Zeropoint/Osage
When: Thursday, February 9, 2017 3:00 PM-4:00 PM America/New_York.
Where: 104 S Estes Dr #107, Chapel Hill, NC 27514

From: Kevin Snow [mailto:kevin@zeropointdynamics.com]
Sent: Friday, January 27, 2017 4:04 PM
To: Manny Stockman <MStockman@osagepartners.com>
Cc: Fabian Monrose <fabian@cs.unc.edu>
Subject: Re: VC fund reaching out a/b Zeropoint

Sounds good. Our address is:

104 S Estes Dr #107
Chapel Hill, NC 27514

On Fri, Jan 27, 2017 at 3:58 PM, Manny Stockman
<MStockman@osagepartners.com<mailto:MStockman@osagepartners.com>> wrote:

Let's book that, and let me know if an earlier time opens up. What is your address?

From: Kevin Snow [mailto:kevin@zeropointdynamics.com<mailto:kevin@zeropointdynamics.com>]
Sent: Friday, January 27, 2017 3:52 PM
To: Fabian Monrose <fabian@cs.unc.edu<mailto:fabian@cs.unc.edu>>
Cc: Manny Stockman <MStockman@osagepartners.com<mailto:MStockman@osagepartners.com>>
Subject: Re: VC fund reaching out a/b Zeropoint

Hi Manny,

Would a 3pm meet on the 9th work on your end?

Cheers,

Kevin

On Tue, Jan 24, 2017 at 1:58 PM, Fabian Monroe <fabian@cs.unc.edu<mailto:fabian@cs.unc.edu>> wrote:

Hi Manny,

nice to meet you. Friday the 9th should be fine. I'll let Kevin (Cc-ed) coordinate with you. The office is not too far from campus.

Cheers,

-Fabian

On Tue, Jan 24, 2017 at 10:14 AM, Manny Stockman
<MStockman@osagepartners.com<mailto:MStockman@osagepartners.com>> wrote:

Fabian,

I'm an investor at Osage University Partners, a ~\$300M venture capital fund that exclusively invests its dollars into university spinouts. We've partnered with 80+ universities, including UNC, to invest in core research startups in both tech and life sciences. We've invested in a few network infrastructure and cybersecurity companies, so your research is particularly interesting, as well what Zeropoint is doing.

Short notice, but I'm in Chapel Hill on Feb 9th with some time available after noon. Would you be free for a quick chat? Happy to jump on a phone call if not.

Best,

Manny

Emanuel Stockman, Ph.D.

Osage University Partners<<http://osagepartners.com/osage-university-partners/>>

50 Monument Road, Suite 201, Bala Cynwyd, PA 19004

(o) 484.270.3255<tel:(484)%20270-3255> |

mstockman@osagepartners.com<mailto:mstockman@osagepartners.com> |
LinkedIn<<http://www.linkedin.com/in/mannystockman>>

Message

From: Smith, Shelby L (CTR) [shelby.smith@associates.hq.dhs.gov]
on behalf of Smith, Shelby L (CTR) <shelby.smith@associates.hq.dhs.gov> [shelby.smith@associates.hq.dhs.gov]
Sent: 2/9/2017 3:05:15 PM
To: Kevin Snow [kzsnow@cs.unc.edu]
CC: fabian@cs.unc.edu; Carlsten, Nadia [nadia.carlsten@hq.dhs.gov]; Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]; Smith, Shelby L (CTR) [shelby.smith@associates.hq.dhs.gov]
Subject: Video Interview for ZeroPoint at RSA - Pls Confirm!!
Importance: High

Kevin,

I would like to get the video interview scheduled. Can you do 45 minutes – an hour on the following dates/times:

- 2/14: 1pm – 1:30pm PT, 2pm – 3pm PT
- 2/15: 8am – 11:30am PT, 2pm – 3:30pm PT, 4pm – 6pm PT

I would love to get you confirmed today!

Regards,

Shelby

Shelby Smith

Support Contractor

Cyber Security Division

Science & Technology Directorate

Department of Homeland Security

Email: shelby.smith@associates.hq.dhs.gov

Direct Line: (202) 254-6796

Website: dhs.gov/cyber-research | Twitter: @dhsscitech

From: Smith, Shelby L (CTR)

Sent: Monday, February 06, 2017 4:41 PM

To: Kevin Snow

Cc: fabian@cs.unc.edu; Carlsten, Nadia; Brown, Amelia (CTR); Smith, Shelby L (CTR)

Subject: RE: FW: PLS READ: RSA Communications Tool Kit + Info for ZeroPoint

Hi Kevin,

Are you also interested in doing a video interview for us? The footage captured maybe used in future CSD project videos. Let me know. We are booking lots from 8am – 6pm on 2/14 and 2/15.

Regards,

Shelby

Shelby Smith

Support Contractor

Cyber Security Division

Science & Technology Directorate

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Email: shelby.smith@associates.hq.dhs.gov

Direct Line: (202) 254-6796

Website: dhs.gov/cyber-research | Twitter: @dhsscitech

From: Smith, Shelby L (CTR)
Sent: Sunday, February 05, 2017 11:40 AM
To: Kevin Snow
Cc: fabian@cs.unc.edu; Carlsten, Nadia; Brown, Amelia (CTR); Smith, Shelby L (CTR)
Subject: RE: FW: PLS READ: RSA Communications Tool Kit + Info for ZeroPoint

Hi Kevin,

The periscope interview will be conducted 45 minutes prior to your tech demo. The goal is to help drive traffic to our booth by having a quick pitch interview take place. If you are good, I would love to get you scheduled. Additionally, are you interested in being interviewed on camera with our video production team? We have the team at an offsite location Feb. 14 and 15 from 8am – 5pm. Please let me know what you can accommodate so I get both the Periscope and video interview schedules firmed.

Regards,

Shelby

Shelby Smith
Support Contractor
Cyber Security Division
Science & Technology Directorate
Department of Homeland Security
Email: shelby.smith@associates.hq.dhs.gov
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Website: dhs.gov/cyber-research | Twitter: @dhsscitech

From: Kevin Snow [<mailto:kzsnow@cs.unc.edu>]
Sent: Friday, February 03, 2017 7:37 PM
To: Smith, Shelby L (CTR)
Cc: fabian@cs.unc.edu; Carlsten, Nadia; Brown, Amelia (CTR)
Subject: Re: FW: PLS READ: RSA Communications Tool Kit + Info for ZeroPoint

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Email: shelby.smith@associates.hq.dhs.gov

Direct Line: [\(202\) 254-6796](tel:(202)254-6796)

Website: dhs.gov/cyber-research | Twitter: @dhsscitech

Message

From: Kevin Snow [kevin@zeropointdynamics.com]
on behalf of Kevin Snow <kevin@zeropointdynamics.com> [kevin@zeropointdynamics.com]
Sent: 2/9/2017 6:09:35 PM
To: Manny Stockman [MStockman@osagepartners.com]
CC: Fabian Monroe [fabian@cs.unc.edu]; Afzal Amijee [afzal@amijee.com]
Subject: RE: Meeting: Zeropoint/Osage

Hi Manny,

No worries. Next week is not the best for me though, I'm out of town all week. Does Monday afternoon (20th) work for everyone for a call?

Cheers,
Kevin

On Feb 8, 2017 10:03 PM, "Manny Stockman" <MStockman@osagepartners.com> wrote:
Kevin, Fabian,

I apologize, but due to the weather in the Northeast, my evening flight from RDU has already been cancelled. I've had to reschedule to a 1pm flight and will not be able to visit your office.

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Sounds good. Our address is:

104 S Estes Dr #107

Chapel Hill, NC 27514

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Let's book that, and let me know if an earlier time opens up. What is your address?

From: Kevin Snow [<mailto:kevin@zeropointdynamics.com><<mailto:kevin@zeropointdynamics.com>>]

Sent: Friday, January 27, 2017 3:52 PM

To: Fabian Monroe <fabian@cs.unc.edu<<mailto:fabian@cs.unc.edu>>>

Cc: Manny Stockman <MStockman@osagepartners.com<<mailto:MStockman@osagepartners.com>>>

Subject: Re: VC fund reaching out a/b Zeropoint

Hi Manny,

Would a 3pm meet on the 9th work on your end?

Cheers,

Kevin

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Fabian,

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Short notice, but I'm in Chapel Hill on Feb 9th with some time available after noon. Would you be free for a quick chat? Happy to jump on a phone call if not.

Best,

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Emanuel Stockman, Ph.D.

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50 Monument Road, Suite 201, Bala Cynwyd, PA 19004

(o) [484.270.3255](tel:(484)20270-3255)<[tel:\(484\)%20270-3255](tel:(484)20270-3255)> |

mstockman@osagepartners.com<<mailto:mstockman@osagepartners.com>> |

LinkedIn<<http://www.linkedin.com/in/mannystockman>>

Message

From: Kevin Snow [kzsnow@cs.unc.edu]
on behalf of Kevin Snow <kzsnow@cs.unc.edu> [kzsnow@cs.unc.edu]
Sent: 2/10/2017 11:13:45 PM
To: Smith, Shelby L (CTR) [shelby.smith@associates.hq.dhs.gov]
CC: fabian@cs.unc.edu; Carlsten, Nadia [nadia.carlsten@hq.dhs.gov]; Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]
Subject: Re: Video Interview for ZeroPoint at RSA - Pls Confirm!!

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I would love to get you confirmed today!

Regards,

Shelby

Shelby Smith

Support Contractor
Cyber Security Division

Science & Technology Directorate

Department of Homeland Security

Email: shelby.smith@associates.hq.dhs.gov

Direct Line: [\(202\) 254-6796](tel:(202)254-6796)

Website: dhs.gov/cyber-research | Twitter: @dhsscitech

From: Smith, Shelby L (CTR)

Sent: Monday, February 06, 2017 4:41 PM

To: Kevin Snow

Cc: fabian@cs.unc.edu; Carlsten, Nadia; Brown, Amelia (CTR); Smith, Shelby L (CTR)

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From: Kevin Snow [<mailto:kzsnow@cs.unc.edu>]
Sent: Friday, February 03, 2017 7:37 PM
To: Smith, Shelby L (CTR)
Cc: fabian@cs.unc.edu; Carlsten, Nadia; Brown, Amelia (CTR)
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Graphics: social media, website, LCD, etc.	Help us promote your technology at CSD's booth. We have been promoting our booth on Twitter, Facebook and DHS.gov.
Social Media Promo content	I have provide promotional content to give you a flavor of what we are releasing. Feel free to pull content from the social media promo content and be sure to tag @dhsscitech in your posts.
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on behalf of Smith, Shelby L (CTR) <shelby.smith@associates.hq.dhs.gov> [shelby.smith@associates.hq.dhs.gov]
Sent: 2/11/2017 11:12:51 PM
To: Kevin Snow [kzsnow@cs.unc.edu]
CC: fabian@cs.unc.edu; Carlsten, Nadia [nadia.carlsten@hq.dhs.gov]; Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]; Smith, Shelby L (CTR) [shelby.smith@associates.hq.dhs.gov]
Subject: RE: Video Interview for ZeroPoint at RSA - Pls Confirm!!

Hi Kevin,

Thanks for your response. Unfortunately, 2pm on 2/15 has already been taken. Below are the times that I have open.

2/14:
9:00am – 10:00am
1:30pm – 2:30pm

2/15:
9am – 11:30am

Also keep in mind, we would need you to be onsite prior to your tech demo at least 15-20 minutes prior. And we have you signed up for a Periscope interview with Nadia on 2/14 at 1:15pm.

Let me know what you want to do and we will do our best to try and accommodate you.

Shelby

Shelby Smith

Support Contractor
Cyber Security Division
Science & Technology Directorate
Department of Homeland Security
Email: shelby.smith@associates.hq.dhs.gov
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Sent: Friday, February 10, 2017 6:14 PM
To: Smith, Shelby L (CTR)
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Message

From: Manny Stockman [MStockman@osagepartners.com]
on behalf of Manny Stockman <MStockman@osagepartners.com> [MStockman@osagepartners.com]
Sent: 2/13/2017 3:20:39 AM
To: Kevin Snow [kevin@zeropointdynamics.com]
CC: Fabian Monroe [fabian@cs.unc.edu]; Afzal Amijee [afzal@amijee.com]
Subject: RE: Meeting: Zeropoint/Osage

Thanks for accommodating. I'm taking a long weekend for President's day on the 20th. The 24th is wide open if you are free.

Best,
Manny

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-----Original Appointment-----

From: Manny Stockman
Sent: Wednesday, February 1, 2017 7:32 PM
To: Kevin Snow
Cc: Fabian Monroe
Subject: Meeting: Zeropoint/Osage
When: Thursday, February 9, 2017 3:00 PM-4:00 PM America/New_York.
Where: 104 S Estes Dr #107, Chapel Hill, NC 27514

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(o) [484.270.3255<tel:\(484\)%20270-3255>](tel:(484)20270-3255) |

[mstockman@osagepartners.com<mailto:mstockman@osagepartners.com>](mailto:mstockman@osagepartners.com) |

LinkedIn<<http://www.linkedin.com/in/mannystockman>>

Message

From: Fabian Monrose [fabian@cs.unc.edu]
on behalf of Fabian Monrose <fabian@cs.unc.edu> [fabian@cs.unc.edu]
Sent: 2/13/2017 2:08:50 PM
To: Manny Stockman [MStockman@osagepartners.com]
CC: Kevin Snow [kevin@zeropointdynamics.com]; Afzal Amijee [afzal@amijee.com]; fabian@zeropointdynamics.com
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How does the 1st look on your end?

ps: From here on out, please use my ZP email: fabian@zeropointdynamics.com

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LinkedIn<<http://www.linkedin.com/in/mannystockman>>

Message

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on behalf of Smith, Shelby L (CTR) <shelby.smith@associates.hq.dhs.gov> [shelby.smith@associates.hq.dhs.gov]
Sent: 2/13/2017 4:00:28 PM
To: Kevin Snow [kzsnow@cs.unc.edu]
CC: fabian@cs.unc.edu; Carlsten, Nadia [nadia.carlsten@hq.dhs.gov]; Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]; Erin Satterburg (esatterburg@lomamedia.com) [esatterburg@lomamedia.com]
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Regards,

Shelby

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Support Contractor
Cyber Security Division

Science & Technology Directorate

Department of Homeland Security

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Website: dhs.gov/cyber-research | Twitter: @dhsscitech

Message

From: Erin Satterburg [esatterburg@lomamedia.com]
on behalf of Erin Satterburg <esatterburg@lomamedia.com> [esatterburg@lomamedia.com]
Sent: 2/13/2017 6:18:46 PM
To: Kevin Snow [kzsnow@cs.unc.edu]
CC: Shelby L Smith [shelby.smith@associates.hq.dhs.gov]; Carlsten, Nadia [nadia.carlsten@hq.dhs.gov];
fabian@cs.unc.edu; Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]
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From: Kevin Snow [mailto:kzsnow@cs.unc.edu]
Sent: Saturday, February 11, 2017 7:51 PM
To: Smith, Shelby L (CTR)
Cc: fabian@cs.unc.edu; Carlsten, Nadia; Brown, Amelia (CTR)
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Subject: Re: Video Interview for ZeroPoint at RSA - Pls Confirm!!

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From: Smith, Shelby L (CTR)

Sent: Monday, February 06, 2017 4:41 PM

To: Kevin Snow

Cc: fabian@cs.unc.edu; Carlsten, Nadia; Brown, Amelia (CTR); Smith, Shelby L (CTR)

Subject: RE: FW: PLS READ: RSA Communications Tool Kit + Info for ZeroPoint

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To: Kevin Snow
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From: Kevin Snow [<mailto:kzsnow@cs.unc.edu>]
Sent: Friday, February 03, 2017 7:37 PM
To: Smith, Shelby L (CTR)
Cc: fabian@cs.unc.edu; Carlsten, Nadia; Brown, Amelia (CTR)
Subject: Re: FW: PLS READ: RSA Communications Tool Kit + Info for ZeroPoint

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on behalf of Smith, Shelby L (CTR) <shelby.smith@associates.hq.dhs.gov> [shelby.smith@associates.hq.dhs.gov]
Sent: 2/13/2017 6:20:03 PM
To: Erin Satterburg [esatterburg@lomamedia.com]; Kevin Snow [kzsnow@cs.unc.edu]
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Subject: RE: Video Interview for ZeroPoint at RSA - Pls Confirm!!

Thanks for the catch.

Shelby Smith

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Website: dhs.gov/cyber-research | Twitter: @dhsscitech

Message

From: Emily Nichols [enichols@internet2.edu]
on behalf of Emily Nichols <enichols@internet2.edu> [enichols@internet2.edu]
Sent: 2/22/2017 5:43:31 PM
To: Kevin Snow [kevin@zeropointdynamics.com]; Fabian Monroe [fabian@cs.unc.edu]
Subject: Re: Interested in learning more about ZeroPoint

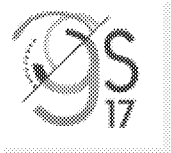
Kevin & Fabian –

I hope that you are well. We would very much like to invite you to participate in Global Summit. Would you like to discuss in detail via phone? Happy to have a conversation about this.

Best,
Emily

Emily Nichols
Innovation Program Manager
Internet2
Phone: 646 762 0849

Email: enichols@internet2.edu



INTERNET2
Be sure to join us at the
2017 Global Summit
Washington, DC
April 23-26

From: Emily Nichols <enichols@internet2.edu>
Date: Wednesday, February 1, 2017 at 4:55 PM
To: Kevin Snow <kevin@zeropointdynamics.com>, Fabian Monroe <fabian@cs.unc.edu>
Subject: Re: Interested in learning more about ZeroPoint

Kevin & Fabian –

Thank you for speaking with me last fall on Internet2's NSF EAGER Cybersecurity Transition to Practice Award #1650445, assisting cybersecurity research assets into operational environments by prototyping and providing experimental deployments within the Research & Education community.

I would like to invite you to participate in our upcoming Global Summit (April 23-26 in Washington DC). Internet2 is planning a Cyber Security Research Acceleration Workshop and Showcase on Wednesday, April 26th, 12:30-4PM. During this workshop, we will highlight cybersecurity research – like yours – to university and regional networking, IT, CIO, and research professionals who could be pilot users. The format will be a series of TED Talks on the cybersecurity research combined with a poster session. If you would like to participate, or would like to discuss further, please let me know. We will have funding available for transportation to Global Summit.

Best,
Emily

Emily Nichols
Innovation Program Manager
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Phone: 646 762 0849

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Emily,

That works on my end. You can reach me

I will send an invite.

Cheers,
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Hi Kevin –

Thursday 9/22 would be great! How's 4:15PM ET?

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Date: Monday, September 19, 2016 at 12:13 PM

To: Emily Nichols <enichols@internet2.edu>

Cc: Fabian Monroe <fabian@cs.unc.edu>

Subject: Re: Interested in learning more about ZeroPoint

Hi Emily,

I'm always happy to discuss the Zeropoint work. I'd also like to hear about what you are doing with NSF/TTP. Are you available Thursday after 4pm EST or Friday between 2-5pm this week?

Cheers,
Kevin

On Fri, Sep 16, 2016 at 3:49 PM, Emily Nichols <enichols@internet2.edu> wrote:

Hi Fabian & Kevin –

Thank you so much for the quick response.

Kevin – would you be available to speak next week?

Best,

Emily

Emily Nichols

Innovation Program Manager

Internet2

Phone: 646 762 0849

Email: enichols@internet2.edu

From: Fabian Monroe <fabian@cs.unc.edu>
Date: Friday, September 16, 2016 at 3:46 PM
To: Emily Nichols <enichols@internet2.edu>
Cc: Kevin Snow <kevin@zeropointdynamics.com>
Subject: Re: Interested in learning more about ZeroPoint

Hi Emily,

I'm currently out of the country until the 23rd, but Kevin (Cced) would be happy to chat with you in the interim.

Cheers

Sent from my iPhone

On Sep 16, 2016, at 9:10 PM, Emily Nichols <enichols@internet2.edu> wrote:

Dear Fabian –

I am part of a NSF award that is accelerating Transition to Practice (TTP) of NSF funded later stage cybersecurity research into operational environments by prototyping and providing experimental deployments. It is my understanding that your work with ZeroPoint could be of interest. I would be very interested in speaking with you to better understand the ZeroPoint work.

Would you be available for a half call to discuss the week of September 19th?

Best,

Emily

Emily Nichols

Innovation Program Manager

Internet2

Phone: 646 762 0849

Email: enichols@internet2.edu

Message

From: Kevin Snow [kzsnow@cs.unc.edu]
on behalf of Kevin Snow <kzsnow@cs.unc.edu> [kzsnow@cs.unc.edu]
Sent: 3/15/2017 3:34:22 PM
To: Hurd, Steve [sahurd@sandia.gov]
CC: Fabian Monrose [fabian@cs.unc.edu]; Trujillo, Regina M [rmtruji@sandia.gov]; Onunkwo, Ifeoma [ionunkw@sandia.gov]; Gaines, Brian [bgaines@sandia.gov]; Carlsten, Nadia (CTR) [nadia.carlsten@associates.hq.dhs.gov] [nadia.carlsten@associates.hq.dhs.gov]
Subject: Re: Initial Draft TTP T&E Report for ZeroPoint

Hi Steve,

Acknowledged. As of right now I don't think we'll need the unlimited release, but we'll review it and get back with any questions in the next couple of weeks as requested.

Thanks,
Kevin

On Tue, Mar 14, 2017 at 10:13 PM, Hurd, Steve <sahurd@sandia.gov> wrote:

Kevin & Fabian-I'm sending the ZeroPoint draft report to you via our file transfer system (as our mail system will not allow attachments this large, plus we want to make sure the contents are encrypted in transit). You should review notification from that system within 1 hour of receiving this message.

The document is marked "for official use only". This is because we view the testing results as being your proprietary information. I suggest to speaking with Nadia as to what the marking means in terms of being able to distribute the report. If you are convinced there is nothing proprietary from your perspective and want an unlimited release copy of the report, please let me know & we'll start that process, with the caveat that Sandia must publish all unlimited release reports to the web.

Please let me know if you have any trouble accessing the report. Then, as you review the report, please let us know if you have questions, concerns, or suggested edits. If for some reason we don't agree with a suggested edit, you will be free to insert a technology provider's note at any point within the report.

I know there is a lot of information to review, but I am hoping that you be able to complete your review no later than the end of this month (Friday March 31st).

Thanks, Steve

Message

From: Carlsten, Nadia [nadia.carlsten@hq.dhs.gov]
on behalf of Carlsten, Nadia <nadia.carlsten@hq.dhs.gov> [nadia.carlsten@hq.dhs.gov]
Sent: 3/23/2017 3:12:33 PM
To: kzsnow@cs.unc.edu
CC: Fabian Monrose [fabian@cs.unc.edu]; Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]; Fisher, Tammi (CTR) [Tammi.Fisher@associates.hq.dhs.gov]
Subject: CSD R&D Showcase Day Nominations
Importance: High

Kevin,

I nominated you to be one of the CSD showcase speakers and you got accepted! The goal is to use this presentation to talk about Zeropoint as well as tell the story of how TTP helped Zeropoint toward transition and your path to becoming a startup. We can talk more about the content of the presentation (I will help with the TTP messaging) but for now can you confirm ASAP that you'll be able to accept this opportunity to present at the showcase the week of July 10? Details in Tammi's email below.

Thanks,

Nadia Carlsten, Ph.D.

Program Manager, Transition to Practice (TTP)
Cyber Security Division (CSD)
Homeland Security Advanced Research Projects Agency (HSARPA)
Science and Technology Directorate (S&T)
Department of Homeland Security (DHS)
nadia.carlsten@hq.dhs.gov
Office: (202) 254-2366

From: Fisher, Tammi (CTR)
Sent: Monday, March 20, 2017 3:39 PM
To: k claffy (kc@caida.org) <kc@caida.org>; astavrou@kryptowire.com; Greg Elin (gregelin@govready.com) <gregelin@govready.com>; jcappos@nyu.edu; nevancich@i-a-i.com; Robert.Thorn@uk.bp.com; Laurin.Buchanan@securedesigns.com; kzsnow@cs.unc.edu; pb@cs.wisc.edu
Cc: Massey, Daniel <Daniel.Massey@hq.dhs.gov>; michael.locasto@sri.com; Maughan, Douglas <Douglas.Maughan@HQ.DHS.GOV>; CSD Comms <CSDComms@hq.dhs.gov>; Cox, Ann <Ann.Cox@HQ.DHS.GOV>; Sritapan, Vincent <Vincent.Sritapan@HQ.DHS.GOV>; Wigton, Gregory <Gregory.Wigton@hq.dhs.gov>; Rhyne, Edward <Edward.Rhyne@HQ.DHS.GOV>; Kenneally, Erin <erin.kenneally@hq.dhs.gov>; Carlsten, Nadia <nadia.carlsten@hq.dhs.gov>
Subject: CSD R&D Showcase Day Nominations

Good Afternoon!

As you may recall from discussions with your DHS S&T Program Manager, the Cyber Security Division (CSD) holds an annual Principal Investigator's (PI) Research & Development (R&D) Showcase and Technical Workshop. **This year's Showcase and Technical Workshop will take place the week of July 10th in Washington, DC.** We are in the process of finalizing dates and location. Day one of this Workshop will include an R&D Showcase, which will feature in-depth presentations by select PIs on their funded research efforts. After close consultation with CSD PMs and leadership, you have been selected as one of the 10 PIs to present during the Showcase. Congratulations! We are estimating that between 400 to 600 attendees will attend this event, including researchers, government agencies, press, congressional staff, and industry representatives. You will be provided with a 15 minute slot to present your research and five minutes for questions. A lot of preparation goes into this event, and in order to prepare CSD will require your participation in three practice dry run presentations (via WebEx).

By Friday, March 24th, please indicate whether you will be able to present at the Showcase and if you will be able to participate in the three WebEx Showcase dry runs listed below. In the next few weeks we will be providing further guidance and templates to help you prepare. In the meantime, please also provide the following information:

- Communications/Public Affairs Point of Contact at your organization (name, email address, and phone number)
- High resolution photo (at least 512x768 at 300 dpi)
- Short bio
- Short write up on your project to include status of your research

Once again, congratulations, and we look forward to working with you in preparing for presenting at the Showcase! If you have any questions, please email them to tammi.fisher@associates.hq.dhs.gov.

Dry Run Schedule:

First dry run: (Week of May 15th) This dry run will be held via WebEx and will take approximately 40 minutes (20 minutes for the talk and 20 minutes for feedback). You should reply to all on this email and provide your slides one day prior to the dry run. The talk will be given to some combination of the PI Showcase Meeting Team (Dan Massey, Doug Maughan, Scott Tousley, Tammi Fisher, your PM and other support staff). Feedback will then be incorporated into a second dry run.

Second dry run: (Week of June 5th) This will be held via WebEx, include groups of three presenters, and will last approximately 90 minutes (three 20 minute talks and 30 minutes for discussion). In addition to presenting your own talk, we ask that you listen to two other talks in your group and provide constructive feedback to the presenters. Again, feedback will be incorporated into a third and final dry run.

Final dry run: (Week of June 26th) This will again be a 90 minute meeting (three 20 minute talks and 30 minutes for discussion) and groups of three. We ask that you listen to the other two talks in your group and again provide constructive feedback.

Final slides are due Monday, July 3rd.

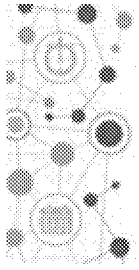
Please let us know if you are able to participate by Friday, March 24th.

Thanks!

Dan and Tammi

TAMMI FISHER
Support Contractor
Cyber Security Division
Homeland Security Advanced Research Projects Agency
Science & Technology Directorate
Department of Homeland Security
(O) 202.254.6102

Tammi.Fisher@associates.dhs.gov



SAVE THE DATES!

2017 Cyber Security R&D Showcase and Technical Workshop
Week of July 10, 2017 | Washington, D.C.



#CyberShowcase #CyberDNS

Message

From: Kevin Snow [kzsnow@cs.unc.edu]
on behalf of Kevin Snow <kzsnow@cs.unc.edu> [kzsnow@cs.unc.edu]
Sent: 3/23/2017 4:33:48 PM
To: Carlsten, Nadia [nadia.carlsten@hq.dhs.gov]
CC: Fabian Monrose [fabian@cs.unc.edu]; Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]; Fisher, Tammi (CTR) [Tammi.Fisher@associates.hq.dhs.gov]
Subject: Re: CSD R&D Showcase Day Nominations

Hi Nadia,

Thank you for the nomination, I accept! The dates for the event and the dry runs actually work out well on my end. I will follow up with the additional requested information, and will likely want to speak to how the TTP work has evolved into some additional interesting work as well.

Cheers,
Kevin

On Thu, Mar 23, 2017 at 11:12 AM, Carlsten, Nadia <nadia.carlsten@hq.dhs.gov> wrote:

Kevin,

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Thanks,

Nadia Carlsten, Ph.D.

Program Manager, Transition to Practice (TTP)

Cyber Security Division (CSD)

Homeland Security Advanced Research Projects Agency (HSARPA)

Science and Technology Directorate (S&T)

Department of Homeland Security (DHS)

nadia.carlsten@hq.dhs.gov

Office: (202) 254-2366

From: Fisher, Tammi (CTR)
Sent: Monday, March 20, 2017 3:39 PM
To: k claffy (kc@caida.org) <kc@caida.org>; astavrou@kryptowire.com; Greg Elin (gregelin@govready.com) <gregelin@govready.com>; jcappos@nyu.edu; nevancich@i-a-i.com; Robert.Thorn@uk.bp.com; Laurin.Buchanan@securedecisions.com; kzsnow@cs.unc.edu; pb@cs.wisc.edu
Cc: Massey, Daniel <Daniel.Massey@hq.dhs.gov>; michael.locasto@sri.com; Maughan, Douglas <Douglas.Maughan@HQ.DHS.GOV>; CSD Comms <CSDComms@hq.dhs.gov>; Cox, Ann <Ann.Cox@HQ.DHS.GOV>; Sritapan, Vincent <Vincent.Sritapan@HQ.DHS.GOV>; Wigton, Gregory <Gregory.Wigton@hq.dhs.gov>; Rhyne, Edward <Edward.Rhyne@HQ.DHS.GOV>; Kenneally, Erin <erin.kenneally@hq.dhs.gov>; Carlsten, Nadia <nadia.carlsten@hq.dhs.gov>
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Thanks!

Dan and Tammi

TAMMI FISHER

Support Contractor

Cyber Security Division

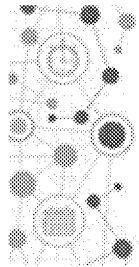
Homeland Security Advanced Research Projects Agency

Science & Technology Directorate

Department of Homeland Security

(O) [202.254.6102](tel:202.254.6102)

Tammi.Fisher@associates.dhs.gov



SAVE THE DATES!

2017 Cyber Security R&D Showcase and Technical Workshop
Week of July 10, 2017 | Washington, D.C.



#CyberShowcase #CyberDHS

Message

From: Hurd, Steve [sahurd@sandia.gov]
on behalf of Hurd, Steve <sahurd@sandia.gov> [sahurd@sandia.gov]
Sent: 3/31/2017 10:19:30 PM
To: Kevin Snow [kzsnow@cs.unc.edu]; Fabian Monrose [fabian@cs.unc.edu]
CC: Trujillo, Regina M [rmtruji@sandia.gov]; Onunkwo, Ifeoma [ionunkw@sandia.gov]; Gaines, Brian [bgaines@sandia.gov]; Carlsten, Nadia (CTR) (nadia.carlsten@associates.hq.dhs.gov) [nadia.carlsten@associates.hq.dhs.gov]
Subject: RE: Initial Draft TTP T&E Report for ZeroPoint

Kevin-Haven't heard from you about this. Please advise as to when you expect to have completed your review of the report.

Thanks, Steve

From: Hurd, Steve
Sent: Monday, March 27, 2017 10:44 AM
To: 'Kevin Snow' <kzsnow@cs.unc.edu>; 'Fabian Monrose' <fabian@cs.unc.edu>
Cc: Trujillo, Regina M <rmtruji@sandia.gov>; Onunkwo, Ifeoma <ionunkw@sandia.gov>; Gaines, Brian <bgaines@sandia.gov>; Carlsten, Nadia (CTR) (nadia.carlsten@associates.hq.dhs.gov) <nadia.carlsten@associates.hq.dhs.gov>
Subject: RE: Initial Draft TTP T&E Report for ZeroPoint

Kevin-Just checking in to see where you stand with respect to completing your review of the draft ZeroPoint T&E report. Do you think you'll have it completed by the end of this week? If not, do you have an estimate as to when you'll have it completed?

Thanks, Steve

From: Hurd, Steve
Sent: Tuesday, March 14, 2017 7:25 PM
To: 'Kevin Snow' <kzsnow@cs.unc.edu>; 'Fabian Monrose' <fabian@cs.unc.edu>
Cc: Trujillo, Regina M <rmtruji@sandia.gov>; Onunkwo, Ifeoma <ionunkw@sandia.gov>; Gaines, Brian <bgaines@sandia.gov>; Carlsten, Nadia (CTR) (nadia.carlsten@associates.hq.dhs.gov) <nadia.carlsten@associates.hq.dhs.gov>
Subject: RE: Initial Draft TTP T&E Report for ZeroPoint

Kevin, Fabian, and Nadia-I managed to upload the incorrect file to the file transfer system. You should see 2 messages from the file transfer system. Please only download using the 2nd of the messages, for the filename that include "ZeroPoint".

My apologies for the confusion.

Thanks, Steve

From: Hurd, Steve
Sent: Tuesday, March 14, 2017 7:13 PM
To: 'Kevin Snow' <kzsnow@cs.unc.edu>; Fabian Monrose <fabian@cs.unc.edu>
Cc: Trujillo, Regina M <rmtruji@sandia.gov>; Onunkwo, Ifeoma <ionunkw@sandia.gov>; Gaines, Brian <bgaines@sandia.gov>; Carlsten, Nadia (CTR) (nadia.carlsten@associates.hq.dhs.gov) <nadia.carlsten@associates.hq.dhs.gov>
Subject: Initial Draft TTP T&E Report for ZeroPoint

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I know there is a lot of information to review, but I am hoping that you be able to complete your review no later than the end of this month (Friday March 31st).

Thanks, Steve

Message

From: Med Device Summit [training@email.complianceonline.com]
on behalf of Med Device Summit <training@email.complianceonline.com> [training@email.complianceonline.com]
Sent: 4/12/2017 3:42:22 PM
To: fabian@cs.unc.edu
Subject: [Invitation] 3rd Annual Medical Device Summit 2017, Boston, June 8/9

Hi,

We are reaching out to you to confirm your participation at this year's 3rd Annual Medical Device Summit 2017, which will be held from June 8-9, 2017 at the Boston, MA.

This Summit will feature speakers and panelists from **CDRH/OC at FDA, CDRH/FDA and companies like Philips, Deloitte Advisory, Virginia Tech University, Adherent Health, LLC, Skylit Medical, InterVene, Inc., HirLan, Inc.** and several other leading organizations.

You can view the latest event agenda and speaker lineup here: 3rd Annual Medical Device Summit 2017.

Given your role, I have highlighted some specific sessions below that I believe will be of interest to you.

FEATURED SESSIONS:

Medical Devices under Trump Administration

Steven Grossman, Public Policy & FDA Regulatory Consultant, HPS Group

FDA Enforcement - Outlook & Implications: Panel Discussion

Casper E Uldriks, Former Associate Center Director of FDA's CDRH

Rita Hoffman, RAC, Managing Partner, Regs & Recall Strategies, Former Branch Chief, Recalls, CDRH, FDA

Medical Device Cyber Security

Nick Sikorski, CISSP, Senior Consultant, Deloitte Advisory

Effective Internal Auditing for Superior Quality Systems

Daniel L. Aisen, Quality Assurance. Regulatory Compliance, Proven Leadership

FDA Upcoming Electronic Submission Process - Keynote Speech

FDA Invited

CDRH Office of Compliance Strategic Priorities and Hot Topics in Compliance - Keynote Speech

FDA Invited

Download complete agenda of 3rd Annual Medical Device Summit 2017.

Early Bird Offer: Register Now for the 3rd Annual Medical Device Summit 2017 at a discounted rate of \$999 (discounted from of \$1699). Early Bird pricing saves you **\$700** off the standard registration rate when booking before April 15, 2017. To register, please click here or call 888-717-2436

Venue:

Omni Parker House Hotel,
60 School St, Boston,
MA 02108, USA

We look forward to seeing you and your team in Boston, MA.

Regards,
Rose Victor
Medical Device Summit Team, ComplianceOnline
888-717-2436

If you do not wish to receive ongoing communication via email from ComplianceOnline, please [Click here](#).
If this link does not work, simply reply back to this email with "Unsubscribe Me" as subject line.

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Message

From: Kevin Snow [kzsnow@cs.unc.edu]
on behalf of Kevin Snow <kzsnow@cs.unc.edu> [kzsnow@cs.unc.edu]
Sent: 4/17/2017 9:17:17 PM
To: Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]
CC: fabian@cs.unc.edu; Carlsten, Nadia [nadia.carlsten@hq.dhs.gov]; Kevin Snow [kevin@zeropointdynamics.com]
Subject: Re: PI Participation at #CyberShowcase | July 11- 13, 2017 | Washington, D.C.
Attachments: FullSizeRender.jpg

Hi Amelia,

Apologies for the delay, I had this written up but forgot to send it out before my trip. Would you mind using kevin@zeropointdynamics.com for future emails (CC'd)?

Contact Information:

Name: Kevin Z. Snow

Email: kevin@zeropointdynamics.com

Bio: Dr. Kevin Snow is a co-founder of ZeroPoint Dynamics, LLC, an information security company focused on memory-based analytics applied to systems security. ZeroPoint Dynamics was founded in 2014 after being one of only two NSF-funded projects to be selected by DHS to participate in its 2015–2017 Transition-to-Practice Program. Dr. Snow received a M.Sc. in Computer Science in 2007 from the Johns Hopkins University. Afterwards, he joined the Johns Hopkins Applied Physics Laboratory as a Systems Security Analyst. In 2009, he pursued further graduate studies and joined Google in the summers of 2011 and 2012 as a Software Engineer in the Safe Browsing Team. He received his Ph.D. in Computer Science from the University of North Carolina at Chapel Hill in 2014, under the supervision of Professor Fabian Monrose.

He is a co-inventor on 1 issued US patents and 4 pending patent applications, all of which relate to systems security. His research has received numerous awards, including the Best Student Paper Award (IEEE Symposium on Security & Privacy, 2013), the 2012 Outstanding Research in Privacy Enhancing Technologies Award (PET Symposium, 2012), the AT&T Best Applied Security Paper Award (NYU-Poly CSAW, 2011), and the Best Paper Award (IEEE Symposium on Security & Privacy, 2011). He has given a number of talks at prominent computer and network security conferences, including USENIX Security Symposium, IEEE Security and Privacy Symposium, RAID Symposium, EuroSec and BlackHat USA, as well as served on the Program Committee and Session Chair for co-located workshops. He also authored or made major contributions to over a dozen large software projects in the area of computer and network security.

Project Summary: Zeropoint applies memory-based analytics to explore computer security problems with a unique angle. For instance, the Zeropoint Platform developed with support from NSF and the DHS TTP program provides advanced weaponized document detection and analysis using application memory analytics in part. In the past, detection approaches have relied on previously observed attacks, which is costly and complex to maintain, and does not propagate to end users quickly enough to detect attacks at the time they first enter your network. The key to the ZeroPoint Platform's approach is our patented 'execution-of-data' technology that uses an advanced micro-OS built into the analysis engine to enable fast, accurate inspections of the data found in application memory to identify intrinsic features of malicious code present in all attacks. Beyond analysis of weaponized documents, Zeropoint's memory-analytics have been recently applied to uniquely tackling problems in malware forensics and lineage classification, as well as a forensic platform for identifying and understanding data-oriented vulnerabilities in applications.

--

Photo is attached.

Cheers,
Kevin

On Mon, Apr 17, 2017 at 4:17 PM, Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov> wrote:

Kevin,

I see you are out of the office until the 30th. Hopefully you are checking email, this information is due tomorrow on our end to make sure everything stays on schedule. I just left you a voicemail as well. Fabian – do you have Kevin’s photo and bio by any chance? We can draft the technology description if needed.

Thanks!
Amelia

From: Brown, Amelia (CTR)
Sent: Monday, April 17, 2017 2:28 PM
To: 'kzsnow@cs.unc.edu' <kzsnow@cs.unc.edu>
Cc: Carlsten, Nadia <nadia.carlsten@hq.dhs.gov>
Subject: RE: PI Participation at #CyberShowcase | July 11- 13, 2017 | Washington, D.C.
Importance: High

Kevin – Tammi has not received a response from you for her request below. Please email her ASAP and let Nadia and myself know when completed. Please respond on time to all future requests, the Cyber Showcase is very important to CSD and I don’t want our PI being the one holding up timelines ☺ Yes, this does get reported to Doug...

Amelia

From: Fisher, Tammi (CTR)
Sent: Tuesday, April 11, 2017 4:28 PM
To: k claffy (kc@caida.org) <kc@caida.org>; astavrou@kryptowire.com; Greg Elin (gregelin@govready.com) <gregelin@govready.com>; Robert.Thorn@uk.bp.com; kzsnow@cs.unc.edu; pb@cs.wisc.edu; Julian.Grizzard@jhuapl.edu
Cc: Massey, Daniel <Daniel.Massey@hq.dhs.gov>; Cox, Ann <Ann.Cox@HQ.DHS.GOV>; Dewhurst, Jeffrey (CTR) <jeffrey.dewhurst@hq.dhs.gov>; Sritapan, Vincent <Vincent.Sritapan@HQ.DHS.GOV>; Drake, John (CTR) <John.Drake@associates.hq.dhs.gov>; Carlsten, Nadia <nadia.carlsten@hq.dhs.gov>; Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov>; Kenneally, Erin <erin.kenneally@hq.dhs.gov>; Greene, Kevin E <kevin.greene@hq.dhs.gov>; Wigton, Gregory <Gregory.Wigton@hq.dhs.gov>; Maughan, Douglas <Douglas.Maughan@HQ.DHS.GOV>; CSD Comms

<CSDCComms@hq.dhs.gov>

Subject: FW: PI Participation at #CyberShowcase | July 11- 13, 2017 | Washington, D.C.

Dear Showcase PI's,

If you are receiving this message, it is because I have not received all or none of the following information. Please submit ASAP:

- **Organization Communications/Public Affairs Point of Contact (provide name, email address, and phone number)**
- **High-resolution photo (512x768 at 300 dpi) & a Short bio**
- **Summary of your project (include status of your research)**

It is essential that you provide requested information in a timely manner so we can continue to meet comms deadlines on our end. Please reference the attached Showcase PI Checklist to keep up with due dates.

Let me know if you have any questions.

Thanks,

Tammi

TAMMI FISHER

Support Contractor

Cyber Security Division

Homeland Security Advanced Research Projects Agency

Science & Technology Directorate

Department of Homeland Security

{0} 202.254.6102

Tammi.Fisher@associates.dhs.gov



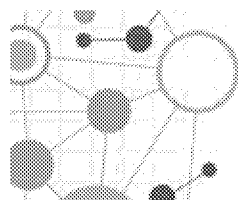
From: Fisher, Tammi (CTR)

Sent: Thursday, April 6, 2017 3:43 PM

To: k claffy (kc@caida.org) <kc@caida.org>; 'astavrou@kryptowire.com' <astavrou@kryptowire.com>; Greg Elin (gregelin@govready.com) <gregelin@govready.com>; jcappos@nyu.edu; 'nevancich@i-a-i.com' <nevancich@i-a-i.com>; 'Robert.Thorn@uk.bp.com' <Robert.Thorn@uk.bp.com>; 'Laurin.Buchanan@securedesigns.com' <Laurin.Buchanan@securedesigns.com>; 'kzsnow@cs.unc.edu' <kzsnow@cs.unc.edu>; 'pb@cs.wisc.edu' <pb@cs.wisc.edu>; 'Julian.Grizzard@jhuapl.edu' <Julian.Grizzard@jhuapl.edu>

Cc: Massey, Daniel <Daniel.Massey@hq.dhs.gov>; Cox, Ann <Ann.Cox@HQ.DHS.GOV>; Dewhurst, Jeffrey (CTR) <Jeffrey.Dewhurst@hq.dhs.gov>; Rhyne, Edward <Edward.Rhyne@HQ.DHS.GOV>; Billone, Matthew (CTR) <Matthew.Billone@associates.hq.dhs.gov>; Sritapan, Vincent <Vincent.Sritapan@HQ.DHS.GOV>; Drake, John (CTR) <John.Drake@associates.hq.dhs.gov>; Carlsten, Nadia <nadia.carlsten@hq.dhs.gov>; Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov>; Kenneally, Erin <erin.kenneally@hq.dhs.gov>; Greene, Kevin E <kevin.greene@hq.dhs.gov>; Wigton, Gregory <Gregory.Wigton@hq.dhs.gov>; Maughan, Douglas <Douglas.Maughan@HQ.DHS.GOV>; CSD Comms <CSDComms@hq.dhs.gov>

Subject: PI Participation at #CyberShowcase | July 11- 13, 2017 | Washington, D.C.



PLAN YOUR PARTICIPATION AT THE
2017 CYBER SECURITY R&D SHOWCASE AND TECHNICAL WORKSHOP
July 11-13, 2017 | WASHINGTON, DC



Dear Showcase Principal Investigator,

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space reserved. The registration website's "Presenter Information" page will provide information about audio visual rental and shipping instructions for the Technology Demonstration Session.

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HOTEL ACCOMMODATIONS

Unfortunately, there is no hotel room availability at the facility located a few blocks from the White House that will host the R&D Showcase and Technical Workshop. We currently are working to secure a room block at other D.C. area hotels, but we encourage all out-of-town PIs to book their own hotel arrangements as soon as possible.

Thank you for your attention to this email. My team and I look forward to seeing you in Washington, D.C. July 11 through 13.

Best regards,

Douglas Maughan, Ph.D.

Division Director

Cyber Security Division

Homeland Security Advanced Research Projects Agency

Science and Technology Directorate

Department of Homeland Security

Washington, DC 20528

Phone: 202-254-6145

BB: 202-578-1549

Fax: 202-254-6170

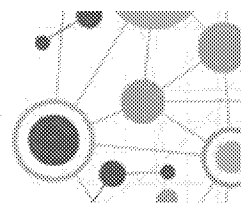
E-mail: Douglas.Maughan@hq.dhs.gov

CONNECT WITH US:



#CYBERSHOWCASE #DHSCYBER

www.dhs.gov/cyber-research



Message

From: Kevin Snow [kzsnow@cs.unc.edu]
on behalf of Kevin Snow <kzsnow@cs.unc.edu> [kzsnow@cs.unc.edu]
Sent: 4/17/2017 10:08:24 PM
To: Brown, Amelia (CTR) [amelia.brown@associates.hq.dhs.gov]
CC: fabian@cs.unc.edu; Carlsten, Nadia [nadia.carlsten@hq.dhs.gov]; Kevin Snow [kevin@zeropointdynamics.com]
Subject: Re: PI Participation at #CyberShowcase | July 11- 13, 2017 | Washington, D.C.

A small update to the project summary based on some feedback from Nadia:

Project Summary: We apply memory-based analytics to explore computer security problems from a unique angle. For instance, we developed a platform to provide advanced weaponized document detection and analysis capabilities using application memory analytics in part. In the past, detection approaches relied on previously observed document files used in attacks, which is costly and complex to maintain, and does not propagate to end users quickly enough to detect attacks at the time they first enter your network. The key to our approach is a patented ‘execution-of-data’ technology that uses an advanced micro-OS built into the analysis engine to enable fast, accurate inspections of the data found in application memory to identify the intrinsic features of malicious code present only in the memory-space of application attacks. Memory analytics, rather than traditional file or behavior analysis enables our technology to discover malicious code after it decodes itself in-memory, but before it has an opportunity to execute evasive routines.

Through the DHS TTP program, the weaponized document analysis technology was transitioned from a research prototype at the University of North Carolina at Chapel Hill into a commercially available product through a startup called Zeropoint Dynamics that spun off from the University. Beyond analysis of weaponized documents, Zeropoint’s memory-analytics technologies have recently been applied to developing products for uniquely tackling problems in malware forensics and lineage classification, as well as part of a memory-oriented reverse engineering platform that provides a deep semantic understanding of the target application, and assists in identifying, understanding and mitigating data-oriented application vulnerabilities.

On Mon, Apr 17, 2017 at 5:17 PM, Kevin Snow <kzsnow@cs.unc.edu> wrote:

Hi Amelia,

Apologies for the delay, I had this written up but forgot to send it out before my trip. Would you mind using kevin@zeropointdynamics.com for future emails (CC'd)?

Contact Information:

Name: Kevin Z. Snow

Email: kevin@zeropointdynamics.com

Bio: Dr. Kevin Snow is a co-founder of ZeroPoint Dynamics, LLC, an information security company focused on memory-based analytics applied to systems security. ZeroPoint Dynamics was founded in 2014 after being one of only two NSF-funded projects to be selected by DHS to participate in its 2015–2017 Transition-to-Practice Program. Dr. Snow received a M.Sc. in Computer Science in 2007 from the Johns Hopkins University. Afterwards, he joined the Johns Hopkins Applied Physics Laboratory as a Systems Security Analyst. In 2009, he pursued further graduate studies and joined Google in the summers of 2011 and 2012 as a Software Engineer in the Safe Browsing Team. He received his Ph.D. in Computer Science from the University of North Carolina at Chapel Hill in 2014, under the supervision of Professor Fabian Monrose.

He is a co-inventor on 1 issued US patents and 4 pending patent applications, all of which relate to systems security. His research has received numerous awards, including the Best Student Paper Award (IEEE

Symposium on Security & Privacy, 2013), the 2012 Outstanding Research in Privacy Enhancing Technologies Award (PET Symposium, 2012), the AT&T Best Applied Security Paper Award (NYU-Poly CSAW, 2011), and the Best Paper Award (IEEE Symposium on Security & Privacy, 2011). He has given a number of talks at prominent computer and network security conferences, including USENIX Security Symposium, IEEE Security and Privacy Symposium, RAID Symposium, EuroSec and BlackHat USA, as well as served on the Program Committee and Session Chair for co-located workshops. He also authored or made major contributions to over a dozen large software projects in the area of computer and network security.

Project Summary: Zeropoint applies memory-based analytics to explore computer security problems with a unique angle. For instance, the Zeropoint Platform developed with support from NSF and the DHS TTP program provides advanced weaponized document detection and analysis using application memory analytics in part. In the past, detection approaches have relied on previously observed attacks, which is costly and complex to maintain, and does not propagate to end users quickly enough to detect attacks at the time they first enter your network. The key to the ZeroPoint Platform's approach is our patented 'execution-of-data' technology that uses an advanced micro-OS built into the analysis engine to enable fast, accurate inspections of the data found in application memory to identify intrinsic features of malicious code present in all attacks. Beyond analysis of weaponized documents, Zeropoint's memory-analytics have been recently applied to uniquely tackling problems in malware forensics and lineage classification, as well as a forensic platform for identifying and understanding data-oriented vulnerabilities in applications.

--

Photo is attached.

Cheers,
Kevin

On Mon, Apr 17, 2017 at 4:17 PM, Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov> wrote:

Kevin,

I see you are out of the office until the 30th. Hopefully you are checking email, this information is due tomorrow on our end to make sure everything stays on schedule. I just left you a voicemail as well. Fabian – do you have Kevin's photo and bio by any chance? We can draft the technology description if needed.

Thanks!
Amelia

From: Brown, Amelia (CTR)

Sent: Monday, April 17, 2017 2:28 PM

To: 'kzsnow@cs.unc.edu' <kzsnow@cs.unc.edu>

Cc: Carlsten, Nadia <nadia.carlsten@hq.dhs.gov>

Subject: RE: PI Participation at #CyberShowcase | July 11- 13, 2017 | Washington, D.C.

Importance: High

Kevin – Tammi has not received a response from you for her request below. Please email her ASAP and let Nadia and myself know when completed. Please respond on time to all future requests, the Cyber Showcase is very important to CSD and I don't want our PI being the one holding up timelines ☺ Yes, this does get reported to Doug...

Amelia

From: Fisher, Tammi (CTR)

Sent: Tuesday, April 11, 2017 4:28 PM

To: k claffy (kc@caida.org) <kc@caida.org>; astavrou@kryptowire.com; Greg Elin (gregelin@govready.com) <gregelin@govready.com>; Robert.Thorn@uk.bp.com; kzsnow@cs.unc.edu; pb@cs.wisc.edu; Julian.Grizzard@jhuapl.edu

Cc: Massey, Daniel <Daniel.Massey@hq.dhs.gov>; Cox, Ann <Ann.Cox@HQ.DHS.GOV>; Dewhurst, Jeffrey (CTR) <jeffrey.dewhurst@hq.dhs.gov>; Sritapan, Vincent <Vincent.Sritapan@HQ.DHS.GOV>; Drake, John (CTR) <John.Drake@associates.hq.dhs.gov>; Carlsten, Nadia <nadia.carlsten@hq.dhs.gov>; Brown, Amelia (CTR) <amelia.brown@associates.hq.dhs.gov>; Kenneally, Erin <erin.kenneally@hq.dhs.gov>; Greene, Kevin E <kevin.greene@hq.dhs.gov>; Wigton, Gregory <Gregory.Wigton@hq.dhs.gov>; Maughan, Douglas <Douglas.Maughan@HQ.DHS.GOV>; CSD Comms <CSDComms@hq.dhs.gov>

Subject: FW: PI Participation at #CyberShowcase | July 11- 13, 2017 | Washington, D.C.

Dear Showcase PI's,

If you are receiving this message, it is because I have not received all or none of the following information. Please submit ASAP:

- **Organization Communications/Public Affairs Point of Contact (provide name, email address, and phone number)**
- **High-resolution photo (512x768 at 300 dpi) & a Short bio**
- **Summary of your project (include status of your research)**

It is essential that you provide requested information in a timely manner so we can continue to meet comms deadlines on our end. Please reference the attached Showcase PI Checklist to keep up with due dates.

Let me know if you have any questions.

Thanks,

Tammi

TAMMI FISHER

Support Contractor

Cyber Security Division

Homeland Security Advanced Research Projects Agency

Science & Technology Directorate

Department of Homeland Security

(O) [202.254.6102](tel:202.254.6102)

Tammi.Fisher@associates.dhs.gov



From: Fisher, Tammi (CTR)

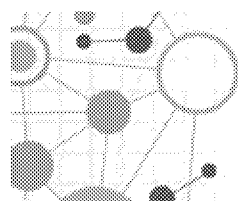
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Cc: Massey, Daniel <Daniel.Massey@hq.dhs.gov>; Cox, Ann <Ann.Cox@HQ.DHS.GOV>; Dewhurst, Jeffrey (CTR) <Jeffrey.Dewhurst@hq.dhs.gov>; Rhyne, Edward <Edward.Rhyne@HQ.DHS.GOV>; Billone, Matthew (CTR) <Matthew.Billone@associates.hq.dhs.gov>; Sritapan, Vincent

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Subject: PI Participation at #CyberShowcase | July 11- 13, 2017 | Washington, D.C.



PLAN YOUR PARTICIPATION AT THE
2017 CYBER SECURITY R&D SHOWCASE AND TECHNICAL WORKSHOP
July 11-13, 2017 | WASHINGTON, DC



Homeland
Security
Science and Technology

Dear Showcase Principal Investigator,

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Thank you for your attention to this email. My team and I look forward to seeing you in Washington, D.C. July 11 through 13.

Best regards,

Douglas Maughan, Ph.D.

Division Director

Cyber Security Division

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Department of Homeland Security

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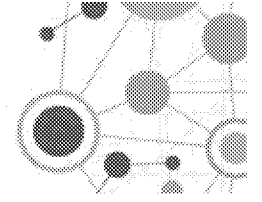
E-mail: Douglas.Maughan@hq.dhs.gov

CONNECT WITH US:



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www.dhs.gov/cyber-research



Message

From: Brian Kirk [bkirk@computer.org]
on behalf of Brian Kirk <bkirk@computer.org> [bkirk@computer.org]
Sent: 5/19/2017 7:57:26 PM
To: Fabian Monrose [fabian@cs.unc.edu]; jjwerner@cs.unc.edu
Subject: Try-CybSI check-in

Hi Fabian (and Jan). I just wanted to check in and see what you thought about this: the Cybersecurity Initiative will have a table at the Symposium on Security & Privacy, and I'll be handing out things to attendees on Mon, Tues, and Wed. Are you at a point where you'd want either input from people or participants (or potential alpha/beta testers)? If so, let me know.

I'll probably have a sign-up sheet at the table, and anyone who signs up will get an email from me with links to everything, so I can always include something that you want at that point.

I'll try to steal some of Jan's time if possible (the Systems of Systems Security workshop has a frantic pace to it), but I just wanted to see from you, too.

ALSO: I never got back to you about the pizza and students! Sorry about that; no one I asked had run into that issue or had a clear answer. It seems like I could probably pay for pizza and expense it, but we can usually only do that if we're there in person. Let me know if you figured a way around...

Best,

-Brian Kirk

Program Manager
IEEE Cybersecurity Initiative
<http://cybersecurity.ieee.org/>
[@ieeecybsi](#)
[@ieeecsd](#)
IEEE Cloud Computing
cloudcomputing.ieee.org
[@ieeeccloud](#)
714.816.2160 (direct)

Message

From: Brian Kirk [bkirk@computer.org]
on behalf of Brian Kirk <bkirk@computer.org> [bkirk@computer.org]
Sent: 5/19/2017 9:18:49 PM
To: Fabian Monrose [fabian@cs.unc.edu]
CC: Jan Werner [jjwerner@cs.unc.edu]
Subject: Re: Try-CybSI check-in

Sounds like a plan. If you're interested in getting a call out to Usenix attendees, let me know. I used to work well with Julie Miller when she was their Marketing manager (I know she left a few years ago). We have a history of doing trades with them, and I could see about doing something similar if you wanted to send a call for testers to their attendees or something.

Anyway, have a good weekend!

Best,

-Brian Kirk

Program Manager
IEEE Cybersecurity Initiative
<http://cybersecurity.ieee.org/>
[@ieeecybsi](#)
[@ieeecsd](#)
IEEE Cloud Computing
cloudcomputing.ieee.org
[@ieeeccloud](#)
714.816.2160 (direct)

On Fri, May 19, 2017 at 2:08 PM, Fabian Monrose <fabian@cs.unc.edu> wrote:

Hi Brian,

we won't be at S&P this year due to a number of other conflicts on our time. But will be at USENIX Security, and that point is more appropriate to have potential beta testers. We're already done some testing on our ideas using the students in class and work over the summer will be on addressing some of the issues.

As per pizza, we were able to go ahead and get that approved as compensation for beta testing.

Cheers,

-Fabian

On Fri, May 19, 2017 at 3:57 PM, Brian Kirk <bkirk@computer.org> wrote:

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[@ieeecd](#)

IEEE Cloud Computing

cloudcomputing.ieee.org

[@ieecccloud](#)

[714.816.2160](tel:714.816.2160) (direct)

Message

From: Fabian Monrose [fabian@cs.unc.edu]
on behalf of Fabian Monrose <fabian@cs.unc.edu> [fabian@cs.unc.edu]
Sent: 5/19/2017 9:23:41 PM
To: Brian Kirk [bkirk@computer.org]
CC: Jan Werner [jjwerner@cs.unc.edu]
Subject: Re: Try-CybSI check-in

Sounds good. I have a long history of working with Camille, Casey, and the rest of the USENIX staff so together we definitely should be good there. I can also do an intro to the new folks at USENIX if that's helpful.
Cheers,
-Fabian

On Fri, May 19, 2017 at 5:18 PM, Brian Kirk <bkirk@computer.org> wrote:

Sounds like a plan. If you're interested in getting a call out to Usenix attendees, let me know. I used to work well with Julie Miller when she was their Marketing manager (I know she left a few years ago). We have a history of doing trades with them, and I could see about doing something similar if you wanted to send a call for testers to their attendees or something.

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On Fri, May 19, 2017 at 2:08 PM, Fabian Monrose <fabian@cs.unc.edu> wrote:

Hi Brian,
we won't be at S&P this year due to a number of other conflicts on our time. But will be at USENIX Security, and that point is more appropriate to have potential beta testers. We're already done some testing on our ideas using the students in class and work over the summer will be on addressing some of the issues.

As per pizza, we were able to go ahead and get that approved as compensation for beta testing.
Cheers,
-Fabian

On Fri, May 19, 2017 at 3:57 PM, Brian Kirk <bkirk@computer.org> wrote:

Hi Fabian (and Jan). I just wanted to check in and see what you thought about this: the Cybersecurity Initiative will have a table at the Symposium on Security & Privacy, and I'll be handing out things to attendees on Mon, Tues, and Wed. Are you at a point where you'd want either input from people or participants (or potential alpha/beta testers)? If so, let me know.

I'll probably have a sign-up sheet at the table, and anyone who signs up will get an email from me with links to everything, so I can always include something that you want at that point.

I'll try to steal some of Jan's time if possible (the Systems of Systems Security workshop has a frantic pace to it), but I just wanted to see from you, too.

ALSO: I never got back to you about the pizza and students! Sorry about that; no one I asked had run into that issue or had a clear answer. It seems like I could probably pay for pizza and expense it, but we can usually only do that if we're there in person. Let me know if you figured a way around...

Best,

-Brian Kirk

Program Manager
IEEE Cybersecurity Initiative
<http://cybersecurity.ieee.org/>
[@ieeecybsi](#)
[@ieeecsd](#)
IEEE Cloud Computing
cloudcomputing.ieee.org
[@ieecccloud](#)
[714.816.2160](tel:714.816.2160) (direct)

Message

From: Liao, Peter [liaopb@unc.edu]
on behalf of Liao, Peter <liaopb@unc.edu> [liaopb@unc.edu]
Sent: 7/18/2017 2:38:00 PM
To: cs_kzsnow.con [kzsnow@cs.unc.edu]
CC: fabian@cs.unc.edu
Subject: Zeropoint update?

Hi Kevin,

Just wanted to check in to see how things are going. I gathered from last I spoke with Fabian that things were busy and that there might be some near-term opportunities. I also believe that you may have received (or will be receiving) reminders from my office about making the monthly payments on the patent costs – please let me know if there are any issues there.

Also, do you have a company email address now or is this CS one still preferred?

Thanks,

Peter

Peter Liao

Commercialization Manager | Office of Commercialization & Economic Development
The University of North Carolina at Chapel Hill
100 Europa Drive, Suite 430 | Chapel Hill, NC 27517 | (p) 919.966.3929 (f) 919.962.0646
oced.unc.edu

Message

From: Kevin Snow [kevin@zeropointdynamics.com]
on behalf of Kevin Snow <kevin@zeropointdynamics.com> [kevin@zeropointdynamics.com]
Sent: 7/21/2017 6:29:47 PM
To: Liao, Peter [liaopb@unc.edu]
CC: fabian@cs.unc.edu
Subject: Re: Zeropoint update?

Hi Peter,

Things are going well. Busy as usual. I've put some thought into how to make some of the licensed IP more attractive by packaging it in with an end-point defense, and hopefully that idea will evolve more as we continue down our R&D path. Regarding IP, I've sent the requested report and mailed payment through August. What I'll do moving forward is just make a quarterly payment up-front. Hope all is well on your end.

Cheers,
Kevin

On Tue, Jul 18, 2017 at 10:39 AM, Liao, Peter <liaopb@unc.edu> wrote:

Re-sending to Zeropoint email.

Peter

From: Liao, Peter
Sent: Tuesday, July 18, 2017 10:38 AM
To: 'kzsnow@cs.unc.edu' <kzsnow@cs.unc.edu>
Cc: 'fabian@cs.unc.edu' <fabian@cs.unc.edu>
Subject: Zeropoint update?

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oced.unc.edu

Message

From: Liao, Peter [liaopb@unc.edu]
on behalf of Liao, Peter <liaopb@unc.edu> [liaopb@unc.edu]
Sent: 10/19/2017 7:09:45 PM
To: Kevin Snow [kevin@zeropointdynamics.com]
CC: fabian@cs.unc.edu
Subject: RE: Zeropoint update?

Hi Kevin,

I got a note from our financial person that the one year anniversary of your license agreement is coming up 10/1 and your past patent cost will be due in full -- I believe about \$18,000 is outstanding. Do you anticipate any issues in paying that then?

Thanks,

Peter

Peter Liao

Campus Office: 212 Sitterson Hall
Campus Office Phone: 919.843.5028
liaopb@unc.edu

From: Kevin Snow [mailto:kevin@zeropointdynamics.com]
Sent: Friday, July 21, 2017 2:30 PM
To: Liao, Peter <liaopb@unc.edu>
Cc: fabian@cs.unc.edu
Subject: Re: Zeropoint update?

Hi Peter,

Things are going well. Busy as usual. I've put some thought into how to make some of the licensed IP more attractive by packaging it in with an end-point defense, and hopefully that idea will evolve more as we continue down our R&D path. Regarding IP, I've sent the requested report and mailed payment through August. What I'll do moving forward is just make a quarterly payment up-front. Hope all is well on your end.

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oecd.unc.edu

Message

From: Liao, Peter [liaopb@unc.edu]
on behalf of Liao, Peter <liaopb@unc.edu> [liaopb@unc.edu]
Sent: 10/20/2017 6:02:51 PM
To: Kevin Snow [kevin@zeropointdynamics.com]
CC: fabian@cs.unc.edu
Subject: RE: Zeropoint update?

Hi Kevin,

Yes, either of those is workable. Per the license agreement, any extension of the payment plan like this triggers a 0.25% increase in the Liquidation Fee, which would bring it to a total of 1%. If that's acceptable to you, I can draft the amendment to add the payment plan and those terms so that we can stay on track. Thanks for the quick reply.

Best,

Peter

Peter Liao

Campus Office: 212 Sitterson Hall
Campus Office Phone: 919.843.5028
liaopb@unc.edu

From: Kevin Snow [mailto:kevin@zeropointdynamics.com]
Sent: Thursday, October 19, 2017 5:59 PM
To: Liao, Peter <liaopb@unc.edu>
Cc: fabian@cs.unc.edu
Subject: Re: Zeropoint update?

Hi Peter,

Would it be possible to break it into \$3K payments over 6 months or \$6K over 3 months?

Thanks,
Kevin

On Thu, Oct 19, 2017 at 3:09 PM, Liao, Peter <liaopb@unc.edu> wrote:

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Thanks,

Peter

Peter Liao

Campus Office: 212 Sitterson Hall

Campus Office Phone: 919.843.5028

ced.unc.edu

From: Kevin Snow [mailto:kevin@zeropointdynamics.com]

Sent: Friday, July 21, 2017 2:30 PM

To: Liao, Peter <liaopb@unc.edu>

Cc: fabian@cs.unc.edu

Subject: Re: Zeropoint update?

Hi Peter,

Things are going well. Busy as usual. I've put some thought into how to make some of the licensed IP more attractive by packaging it in with an end-point defense, and hopefully that idea will evolve more as we continue down our R&D path. Regarding IP, I've sent the requested report and mailed payment through August. What I'll do moving forward is just make a quarterly payment up-front. Hope all is well on your end.

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Also, do you have a company email address now or is this CS one still preferred?

Thanks,

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Peter Liao

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oced.unc.edu

Message

From: Liao, Peter [liaopb@unc.edu]
on behalf of Liao, Peter <liaopb@unc.edu> [liaopb@unc.edu]
Sent: 10/23/2017 7:44:37 PM
To: Fabian Monroe [fabian@cs.unc.edu]
Subject: RE: Zeropoint update?

As of now, I think both Trude and I can make lunch on either of those days work. Just let me know.

Peter

Peter Liao

Campus Office: 212 Sitterson Hall
Campus Office Phone: 919.843.5028
oced.unc.edu

From: Fabian Monroe [mailto:fabian@cs.unc.edu]
Sent: Monday, October 23, 2017 1:03 PM
To: Liao, Peter <liaopb@unc.edu>
Subject: Re: Zeropoint update?

Cool. Can you check if you and Trude will be available for lunch on Nov. 3rd of 6th (in that preference order)?
Cheers,
-Fabian

On Fri, Oct 20, 2017 at 4:11 PM, Liao, Peter <liaopb@unc.edu> wrote:

Sure, happy to discuss when you meet up with Trude; just let me know. I will say that the bump in liquidation fee is written into the agreement from the get go, so it is the same deal for all startups, regardless of the plan they get.

Peter

From: Fabian Monroe [mailto:fabian@cs.unc.edu]
Sent: Friday, October 20, 2017 3:03 PM
To: Liao, Peter <liaopb@unc.edu>
Cc: Kevin Snow <kevin@zeropointdynamics.com>
Subject: Re: Zeropoint update?

Geesh, that's a step increase for such a short extension. I'm around most of next week if you want to chat. I'm also supposed to have lunch with Trudy soon to catch up, so maybe all four of us can just do that together over lunch?

Cheers,

-Fabian

On Fri, Oct 20, 2017 at 2:02 PM, Liao, Peter <liaopb@unc.edu> wrote:

Hi Kevin,

Yes, either of those is workable. Per the license agreement, any extension of the payment plan like this triggers a 0.25% increase in the Liquidation Fee, which would bring it to a total of 1%. If that's acceptable to you, I can draft the amendment to add the payment plan and those terms so that we can stay on track. Thanks for the quick reply.

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Peter Liao

Campus Office: 212 Sitterson Hall

Campus Office Phone: [919.843.5028](tel:919.843.5028)

oecd.unc.edu

From: Kevin Snow [<mailto:kevin@zeropointdynamics.com>]

Sent: Thursday, October 19, 2017 5:59 PM

To: Liao, Peter <liaopb@unc.edu>

Cc: fabian@cs.unc.edu

Subject: Re: Zeropoint update?

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Thanks,
Kevin

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Peter

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Campus Office Phone: [919.843.5028](tel:919.843.5028)

ced.unc.edu

From: Kevin Snow [mailto:kevin@zeropointdynamics.com]

Sent: Friday, July 21, 2017 2:30 PM

To: Liao, Peter <liaopb@unc.edu>

Cc: fabian@cs.unc.edu

Subject: Re: Zeropoint update?

Hi Peter,

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Peter

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oced.unc.edu

Message

From: Fabian Monrose [fabian@cs.unc.edu]
on behalf of Fabian Monrose <fabian@cs.unc.edu> [fabian@cs.unc.edu]
Sent: 10/23/2017 8:38:58 PM
To: Liao, Peter [liaopb@unc.edu]
Subject: Re: Zeropoint update?

6th just got taken with a visitor :) Lets do Nov. 3rd! I will send out an invite.
Cheers,
-Fabian

On Mon, Oct 23, 2017 at 3:44 PM, Liao, Peter <liaopb@unc.edu> wrote:

As of now, I think both Trude and I can make lunch on either of those days work. Just let me know.

Peter

Peter Liao

Campus Office: 212 Sitterson Hall

Campus Office Phone: [919.843.5028](tel:919.843.5028)

ced.unc.edu

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To: Liao, Peter <liaopb@unc.edu>
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Cc: Kevin Snow <kevin@zeropointdynamics.com>
Subject: Re: Zeropoint update?

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On Fri, Oct 20, 2017 at 2:02 PM, Liao, Peter <liaopb@unc.edu> wrote:

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From: Kevin Snow [mailto:kevin@zeropointdynamics.com]

Sent: Thursday, October 19, 2017 5:59 PM

To: Liao, Peter <liaopb@unc.edu>

Cc: fabian@cs.unc.edu

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From: Kevin Snow [mailto:kevin@zeropointdynamics.com]

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Cc: fabian@cs.unc.edu

Subject: Re: Zeropoint update?

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Re-sending to Zeropoint email.

Peter

From: Liao, Peter
Sent: Tuesday, July 18, 2017 10:38 AM
To: 'kzsnow@cs.unc.edu' <kzsnow@cs.unc.edu>
Cc: 'fabian@cs.unc.edu' <fabian@cs.unc.edu>
Subject: Zeropoint update?

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ced.unc.edu

To: fabian@cs.unc.edu[fabian@cs.unc.edu]; John Stacy[john.stacy@siegetechnologies.com]; Joe Sharkey[joseph.sharkey@siegetechnologies.com]
From: Jason Syversen[jason.syversen@siegetechnologies.com]
Sent: Wed 10/25/2017 9:40:57 PM (UTC)
Subject: Introduction
[signature.asc](#)

Fabian,

Wanted to introduce you to John Stacy and Joe Sharkey. John is our program manager pursuing the opportunity I discussed with you earlier. Joe is a VP and our CTO overseeing the effort out of his business unit. Both are good guys to know in general, but specifically will be the people to coordinate getting resumes and coordinating rate and such. I believe you also have a colleague who you were going to introduce as well.

John/Joe,

Fabian is a professor at UNC and cofounder of ZeroPoint Dynamics, a small company doing cool R&D in cyber. He (and any of his team) will be an asset to our proposal (both resumes and any input they are able to provide.)

I'll let you guys coordinate from here.

Jason Syversen
CEO, Siege Technologies
Desk: 559-553-6611
Cell:
@jsyversen

To: Fabian Monrose[fabian@zeropointdynamics.com]
From: Fabian Monrose[fabian@cs.unc.edu]
Sent: Thur 10/26/2017 3:38:09 PM (UTC)
Subject: Fwd: Introduction
[signature.asc](#)

----- Forwarded message -----

From: **Jason Syversen** <jason.syversen@siegetechnologies.com>
Date: Wed, Oct 25, 2017 at 5:40 PM
Subject: Introduction
To: fabian@cs.unc.edu, John Stacy <john.stacy@siegetechnologies.com>, Joe Sharkey <joseph.sharkey@siegetechnologies.com>

Fabian,

Wanted to introduce you to John Stacy and Joe Sharkey. John is our program manager pursuing the opportunity I discussed with you earlier. Joe is a VP and our CTO overseeing the effort out of his business unit. Both are good guys to know in general, but specifically will be the people to coordinate getting resumes and coordinating rate and such. I believe you also have a colleague who you were going to introduce as well.

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Jason Syversen
CEO, Siege Technologies
Desk: [559-553-6611](tel:559-553-6611)
Cell:
[@jsyversen](mailto:jsyversen)

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Message

From: Fabian Monrose [fabian@cs.unc.edu]
on behalf of Fabian Monrose <fabian@cs.unc.edu> [fabian@cs.unc.edu]
Sent: 12/8/2017 4:41:58 PM
To: Bethel, Grayson Riles
CC: Kevin Snow [kevin@zeropointdynamics.com]
Subject: Re: Interview

Hi Grayson,

I can't right now, but I recommend that you chat with my colleague Kevin Snow (info below) who is well verse on app security.

Kevin's mobile:

Co-Founder Zeropoint Dynamics (a spin off from UNC).

Cheers,
-Fabian

On Fri, Dec 8, 2017 at 9:19 AM, Bethel, Grayson Riles

wrote:

Hello,

My name is Grayson Bethel and I work with Carolina Connection. I am doing a radio story about payment apps like Venmo and their security concerns and I was wondering if you have any time today to answer a few questions about app security. Thanks

Grayson Bethel

Message

From: Michalis Polychronakis [mikepo@cs.stonybrook.edu]
on behalf of Michalis Polychronakis <mikepo@cs.stonybrook.edu> [mikepo@cs.stonybrook.edu]
Sent: 1/18/2018 4:45:32 PM
To: undisclosed-recipients:
Subject: RAID 2018 CFP - spread the word!
Attachments: RAID18_CFP.txt

Dear PC and SC members,

we have started disseminating the RAID'18 CFP - you can find attached an ASCII version, while the online version is available at:
<https://www.raid2018.org/>

I kindly ask you to forward the CFP to colleagues and internal mailing lists, and publicize it through social media. If you are on Twitter and @RAID_Conference doesn't follow you, please send me your Twitter handle to fix that.

Let's spread the word!

Thanks,

Michalis

Call for Papers: RAID 2018

21st International Symposium on Research in Attacks, Intrusions, and Defenses

10-12 September 2018, Heraklion, Crete, Greece

<https://www.raid2018.org/>

Important dates:

- Submission Deadline: March 27, 2018, 11:59:59 PM anywhere on earth (UTC-12)
- Notification to Authors: May 29, 2018
- Camera Ready Deadline: June 29, 2018
- Conference: September 10-12, 2018

General Information

The 21th International Symposium on Research in Attacks, Intrusions, and Defenses (RAID 2018), previously known as Recent Advances in Intrusion Detection, aims at bringing together leading researchers and practitioners from academia, government, and industry to discuss novel research contributions related to computer and information security. RAID 2018 will be held in Heraklion, Crete, Greece on 10-12 September 2018

Since its inception in 1997, RAID has established itself as a venue where leading researchers and practitioners are given the opportunity to present novel research in a unique venue to an engaged and lively community. Attendees are from prestigious universities, government, and high technology companies all over the world.

Attendees typically include:

- Researchers working in the field of computer and information security
- Academics studying the field of cyber security
- Incident response and security teams with responsibility for coordinating computer security
- Technical staff who determine security product needs and implement solutions
- Anyone wanting to learn more about computer security in general

Types of Submissions Solicited

The RAID conference is known for the quality and thoroughness of the reviews of the papers submitted, the desire to build a bridge between research carried out in different communities, and the emphasis given on the need for sound experimental methods and measurement to improve the state of the art in cybersecurity.

This year, RAID 2018 is soliciting research papers on topics covering all well-motivated security problems. We care about techniques that identify new real-world threats, techniques to prevent them, to detect them, to mitigate them, or to assess their prevalence and their consequences. Measurement papers are encouraged, as well as papers offering public access to new tools or datasets, or experience papers that clearly articulate important lessons. Specific topics of interest to RAID include:

- Computer, network, and cloud computing security
- Malware and unwanted software
- Program analysis and reverse engineering
- Mobile Security
- Web security and privacy
- Vulnerability analysis techniques
- Usable security and privacy
- Intrusion detection and prevention
- Hardware security
- Cyber physical systems security and threats against critical infrastructures
- Internet-of-Things security
- Statistical and adversarial learning for computer security
- Cyber crime and underground economies
- Denial-of-Service attacks
- Security measurement studies
- Digital forensics

Papers will be judged on novelty, significance, correctness, and clarity. We expect all papers to provide enough detail to enable reproducibility of their experimental results.

Submission Guidelines

Each paper must include an abstract and a list of keywords, and must not exceed 20 pages in total length, formatted in LNCS-style and including the bibliography and any appendices.

Reviewing will be double-blind, meaning the authors' identities will be hidden from the reviewers. All papers must be appropriately anonymized: author names or affiliations must not appear in the submission, you must refer to your own prior work in the third person, you should not give the paper a title that corresponds to a publicly available technical report, and should anonymize the bibliographic section in an appropriate manner, etc. Papers that are not anonymized will not be reviewed.

Submissions must not substantially duplicate work that has already been published elsewhere or submitted in parallel to a journal or to any other conference or workshop with proceedings. Simultaneous submission of the same work to multiple venues, submission of previously published work, and plagiarism constitute dishonesty or fraud. RAID, like other scientific and technical conferences and journals, prohibits these practices and may, on the recommendation of the program chair, take action against authors who have committed them. RAID abides with policies for plagiarism, submission confidentiality, reviewer anonymity, and prior and concurrent paper submission that mirror those of the ACM (see <http://www.acm.org/publications/policies/>).

Papers accepted by the Program Committee will be presented at RAID 2018 and included in the Symposium's proceedings published by Springer in its Lecture Notes in Computer Science series.

Authors who are unsure whether their submissions might meet these guidelines, or who have specific questions about the guidelines, are welcome to contact the program

committee co-chairs.

Organization

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- Sotiris Ioannidis, Foundation for Research and Technology - Hellas

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- Michael Bailey, University of Illinois at Urbana Champaign

Program Committee Co-Chair

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- Manolis Stamatogiannakis, Vrije Universiteit Amsterdam

Publicity Chair

- Michalis Polychronakis, Stony Brook University

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- Ioannis Askoxylakis, Foundation for Research and Technology - Hellas

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- Magnus Almgren, Chalmers University of Technology
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- Lorenzo Cavallaro, Royal Holloway, University of London
- Lucas Davi, University Duisburg-Essen
- Tudor Dumitras, University of Maryland
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- Jon Giffin, Google, Inc.
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- Tim Leek, MIT Lincoln Laboratory
- Corrado Leita, Lastline
- Bo Li, University of Illinois at Urbana-Champaign

- Sarah Meiklejohn, University College London
- Fabian Monrose, University of North Carolina at Chapel Hill and ZeroPoint Dynamics, LLC
- Benjamin Morin, French Network and Information Security Agency (ANSSI)
- Alina Oprea, Northeastern University
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- Angelos Stavrou, George Mason University

Message

From: csfunding-bounces@cs.unc.edu [csfunding-bounces@cs.unc.edu]
on behalf of Gregory, Janet <jgregory@osc.edu> [jgregory@osc.edu]
Sent: 2/12/2018 1:17:25 PM
To: 'research-team@lists.osc.edu' [research-team@lists.osc.edu]
Subject: [csfunding] [research-team] Opportunities 02-12-18
Attachments: ATT00001.txt; ATT00002.txt

February 12, 2018

Research Opportunities Compiled by:

Ohio Supercomputer Center

Janet L. Gregory, Grants Manager

1224 Kinnear Road

Columbus, OH 43212-1163

Phone:

Fax: 614-688-3184

Email: jgregory@osc.edu

#1

NIJ FY18 Research and Evaluation on Drugs and Crime

Department of Justice - National Institute of Justice

NIJ-2018-13682

With this solicitation, NIJ seeks proposals for applied research that examines the feasibility, impact, and cost efficiency of evidence-based tools, protocols, and policies for State, tribal, and local law enforcement and other criminal justice agencies that address two drug priorities:

- (1) drug trafficking, markets, and use related to heroin and other opioids (including fentanyl, diverted pharmaceuticals, synthetic drugs, and analogues); and
- (2) illegal marijuana markets and drug-related violent crime

All proposed projects should examine novel approaches to common problems, demonstrate methods to generate actionable information, promote innovative partnerships between stakeholders, and add value to resources that can be sustained long-term and replicated by other jurisdictions for a national scale impact.

Applications must address one of these two drug priorities as described above. Other drugs may only be addressed in addition to NIJ's drug priorities with clear justification relating to research and practice, such as drugs produced or used in combination. Applications for funding research that fall outside of these two priorities will not be considered.

A single application may not address both priorities, but researchers may submit a separate application to study a second priority. Each application will be reviewed independently, and the success of one proposed project must not depend on a separate proposed project.

Dates: April 25, 2018

Link:

<https://www.grants.gov/web/grants/search-grants.html?keywords=NIJ-2018-13682>

#2

Computer Science for All (CSforAll:RPP) Researcher Practitioner Partnerships

National Science Foundation

NSF 18-537

This program aims to provide *all* U.S. students the opportunity to participate in computer science (CS) and computational thinking (CT) education in their schools at the preK-12 levels. With this solicitation, the National Science Foundation (NSF) focuses on researcher-practitioner partnerships (RPPs) that foster the research and development needed to bring CS and CT to all schools. Specifically, this solicitation aims to provide high school teachers with the preparation, professional development (PD) and ongoing support that they need to teach rigorous computer science courses; preK-8 teachers with the instructional materials and preparation they need to integrate CS and CT into their teaching; and schools and districts the resources needed to define and evaluate multi-grade pathways in CS and CT.

- Anticipated Type of Award: Standard Grant
- Estimated Number of Awards: 24, approximately 10 small, 11 medium, and 3 large awards
- Anticipated Funding Amount: \$20,000,000 Subject to the availability of funds
- The categories of proposers eligible to submit proposals to the National Science Foundation are identified in the *NSF Proposal & Award Policies & Procedures Guide (PAPPG)*, Chapter I.E.
- Who May Serve as PI: There are no restrictions or limits.
- Limit on Number of Proposals per Organization: There are no restrictions or limits.
- Limit on Number of Proposals per PI or Co-PI: There are no restrictions or limits.
- Letters of Intent: Not required
- Preliminary Proposal Submission: Not required

Dates: May 09, 2018, February 12, 2019, Second Tuesday in February, Annually Thereafter

Link:

https://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf18537

#3

Supplements to Advance Research (STAR) from Projects to Programs (Admin Supp Clinical Trial Optional)

DHHS - NIH

PA-18-647

NIAAA seeks administrative supplement applications to promote innovation and novel high-risk projects by early established investigators (EEl)s. The supplement will allow EEl)s to expand and explore new opportunities within the scope of the currently funded R01 grant, and to facilitate the transition from a single, structured research project to a research program.

Dates: Applications July 1, 2018; March 1, 2019, July 1, 2019, March 1 2020, July 1, 2020, March 1, 2021 by 5:00 PM local time of applicant

Link:

<https://grants.nih.gov/grants/guide/pa-files/PA-18-647.html>

#4

NIH Support for Conferences and Scientific Meetings (Parent R13 Clinical Trial Not Allowed)

DHHS - NIH

PA-18-648

The purpose of the NIH Research Conference Grant (R13) is to support high quality conferences that are relevant to the public health and to the scientific mission of the participating Institutes and Centers.

Dates: Applications Standard dates apply, by 5:00 PM local time of applicant AIDS Applications Standard AIDS dates apply by 5:00 PM local time of applicant

Link:

<https://grants.nih.gov/grants/guide/pa-files/PA-18-648.html>

#5

Advanced-Stage Development and Utilization of Research Infrastructure for Interdisciplinary Aging Studies (R33 - Clinical Trial Optional)

DHHS - NIH

PAR-18-644

This FOA invites applications that propose to support advanced-stage development and utilization of novel research infrastructure to advance the science of aging in specific areas requiring interdisciplinary partnerships or collaborations. This FOA will use the NIH Exploratory/Developmental Grants Phase II mechanism to provide support for expanded activities. Applicants are expected to have an existing research infrastructure developed either through PA-12-064, or with other NIH or non-NIH support. Through this award, investigators will develop a mature and sustainable research infrastructure to support projects that address key interdisciplinary aging research questions.

Dates: Applications Standard dates apply, by 5:00 PM local time of applicant

Link:

<https://grants.nih.gov/grants/guide/pa-files/PAR-18-644.html>

#6

Research Infrastructure Development for Interdisciplinary Aging Studies (R21/R33 - Clinical Trial Optional)

DHHS - NIH

PAR-18-645

This FOA invites applications that propose to develop novel research infrastructure that will advance the science of aging in specific areas requiring interdisciplinary partnerships or collaborations. This FOA will use the NIH Phased Innovation Award (R21/R33) mechanism to provide up to 2 years of R21 support for initial developmental activities, and up to 3 years of R33 support for expanded activities. Through this award, investigators will develop a sustainable research infrastructure to support projects that address key interdisciplinary aging research questions.

Dates: Applications Standard dates apply, by 5:00 PM local time of applicant

Link:

<https://grants.nih.gov/grants/guide/pa-files/PAR-18-645.html>

#7

Human-Animal Interaction (HAI) Research (R03 - Clinical Trial Optional)

DHHS - NIH

PAR-18-649

This Funding Opportunity Announcement (FOA) invites grant applications for research to examine

- 1) the impact of Human-Animal Interactions (HAI) on typical and atypical child development and health;
- 2) the evaluation of animal-assisted intervention for children and adults with disabilities or in need of rehabilitative services;
- 3) the effects of animals on public health, including cost effectiveness of involving animals in reducing and preventing disease

Dates: LOI 30 days prior to the application due date Applications/AIDS Applications March 30, 2018, March 30, 2019, by 5:00 PM local time of applicant

Link:

<https://grants.nih.gov/grants/guide/pa-files/PAR-18-649.html>

#8

Human-Animal Interaction (HAI) Research (R21 - Clinical Trial Optional)

DHHS - NIH

PAR-18-650

This Funding Opportunity Announcement (FOA) invites grant applications for research to examine

- 1) the impact of Human-Animal Interactions (HAI) on typical and atypical child development and health;
- 2) the evaluation of animal-assisted intervention for children and adults with disabilities or in need of rehabilitative services;
- 3) the effects of animals on public health, including cost effectiveness of involving animals in reducing and preventing disease

Dates: LOI 30 days prior to the application due date Applications/AIDS Applications March 30, 2018, March 30, 2019, by 5:00 PM local time of applicant

Link:

<https://grants.nih.gov/grants/guide/pa-files/PAR-18-650.html>

#9

NIAMS Skin Biology and Diseases Resource-based Centers (P30 - Clinical Trial Not Allowed)

DHHS - NIH

RFA-AR-19-001

The National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) requests applications for the NIAMS Resource-based Centers Program (P30) for skin biology and diseases research areas within its mission. The Resource-based Centers will provide critical research infrastructure, shared facilities, services, and/or resources to groups of

investigators conducting research on skin biology and diseases, enabling them to conduct their independently-funded individual and/or collaborative research projects more efficiently and/or more effectively, with the broad overall goal of accelerating, enriching, and enhancing the effectiveness of ongoing basic, translational, and clinical research and promoting new research within the NIAMS mission.

Dates: LOI 30 days prior to application due date Applications June 11, 2018

Link:

<https://grants.nih.gov/grants/guide/rfa-files/RFA-AR-19-001.html>

#10
NIAMS Musculoskeletal Biology and Medicine Resource-based Centers (P30 - Clinical Trial Not Allowed)

DHHS - NIH
RFA-AR-19-002

The National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) requests applications for the NIAMS Resource-based Centers Program (P30) for research areas within its mission in musculoskeletal biology and medicine. The Resource-based Centers will provide critical research infrastructure, shared facilities, services, and/or resources to groups of investigators conducting research on musculoskeletal biology and medicine, enabling them to conduct their independently-funded individual and/or collaborative research projects more efficiently and/or more effectively, with the broad overall goal of accelerating, enriching, and enhancing the effectiveness of ongoing basic, translational, and clinical research and promoting new research within the NIAMS mission.

Dates: LOI 30 days prior to application due date Application June 11, 2018

Link:

<https://grants.nih.gov/grants/guide/rfa-files/RFA-AR-19-002.html>

#11
Lewy Body Dementia Center without Walls (CWOW) (U54 Clinical Trial Not Allowed)

DHHS - NIH
RFA-NS-18-024

This FOA invites applications that will systematically and comprehensively characterize alpha-synuclein and amyloid-beta subspecies present in human Lewy Body Dementia (LBD) post-mortem brain tissue, identify toxic subspecies and potential mechanisms of toxicity, and characterize any interactions between the proteins that may contribute to increased toxicity and/or explain selective vulnerabilities of cells/circuits. Applications are required to include at least 3 hypothesis-driven projects that address these goals, an administrative core, and other cores as appropriate. Applicants will be expected to focus on the use of human tissues. All applications will be expected to include plans for developing a publicly-available library of fully characterized alpha-synuclein and amyloid-beta subspecies found in LBD.

Dates: LOI 30 days prior to application due date Applications April 17, 2018

Link:

<https://grants.nih.gov/grants/guide/rfa-files/RFA-NS-18-024.html>

#12
Agriculture in the Classroom (AITC)

Department of Agriculture - National Institute of Food and Agriculture
USDA-NIFA-OP-006510

NIFA requests applications for the Agriculture in the Classroom (AITC) program for fiscal year (FY) 2018 to increase agricultural literacy through K-12 education. The anticipated amount available for FY 2018 is approximately \$500,000. This RFA is being released prior to the passage of an appropriations act for FY 2018. Enactment of additional continuing resolutions or an appropriations act may affect the availability or level of funding for this program.

This notice identifies the objectives for AITC projects, deadline dates, funding information, eligibility criteria for projects and applicants, and application forms and associated instructions needed to apply for an AITC cooperative agreement.

The purpose of AITC is to award a cooperative agreement to:

- ensure that future generations are agriculturally literate;

- encourage K-12 educators to integrate information about the food and agricultural system across curricula to assist students in understanding the pivotal role of agriculture in the U.S. and world economies, to introduce students to environmental and social issues impacting food, agricultural, natural resources, and human (FANH) sciences, and to expose them to higher education and career opportunities in the FANH sciences; and
- support a network of partners to carry out the program at the State and local levels, by fostering the development of active and effective AITC programs in each of the fifty States, the District of Columbia, the Commonwealth of Puerto Rico, Guam, American Samoa, the Commonwealth of Northern Mariana Islands, the Virgin Islands of the United States, the Republic of the Marshall Islands, the Federated States of Micronesia, and the Republic of Palau.

Dates: May 01, 2018

Link:

<https://www.grants.gov/web/grants/search-grants.html?keywords=USDA-NIFA-OP-006510>

Janet Gregory

Grants Manager

Ohio Supercomputer Center (OSC)

A member of the Ohio Technology Consortium

1224 Kinnear Road, Columbus, Ohio 43212

Office: (614) 292-8492 • Mobile:

• Fax: (614) 292-7168

jgregory@osc.edu

Research-Team mailing list

Research-Team@lists.osc.edu

<https://lists.osu.edu/mailman/listinfo/research-team>

csfunding mailing list

csfunding@cs.unc.edu

<https://fafnir.cs.unc.edu/mailman/listinfo/csfunding>

Message

From: Tavares, Mauricio [mtavares@email.unc.edu]
on behalf of Tavares, Mauricio <mtavares@email.unc.edu> [mtavares@email.unc.edu]
Sent: 9/26/2018 1:14:39 PM
To: Sanders, Greg Dion Jr
CC: fabian@cs.unc.edu
Subject: RE: [unc_ctf] Email Correction

sure thing. I am game

> -----Original Message-----
> From: Gregory Sanders JR
> Sent: Tuesday, September 25, 2018 5:30 PM
> To: Tavares, Mauricio <mtavares@email.unc.edu>
> Subject: [unc_ctf] Email Correction
>
> If you're still interested in the network traffic analysis session with Fabian and
> Jan and hadn't emailed me yet, email this email and
> CC fabian@cs.unc.edu instead of the Zeropoint Dynamics domain.
>
> Continue to happily hack,
>
> Greg

Message

From: Scott Coull [scott.coull@FireEye.com]
on behalf of Scott Coull <scott.coull@FireEye.com> [scott.coull@FireEye.com]
Sent: 2/8/2019 2:30:35 PM
To: Fabian Monroe [fabian@cs.unc.edu]
Subject: Internships at FireEye

Hey Fabian!

How's it going? Been a little while since we chatted, but I ran into Kevin Snow at a local park a little while ago and it sounds like things are going great for ZeroPoint. Hopefully, the same is true at UNC.

Anyway, I wanted to drop a short note to let you know that my team at FireEye is hiring for three internship projects this summer. They are all research-oriented and we expect that one of the primary outcomes will be a workshop or conference paper. Last summer, we had an intern from Univ. of Maryland working on adversarial example generation for malware classifiers, and that resulted in a talk at the AAAI Fall Symposium and a workshop paper submission to one of the IEEE S&P workshops.

If you happen to know of any students with capabilities in ML and interest in the projects below, please have them send a CV to me at my FireEye email address (used for this email).

Hope all is well!

-Scott

Internship Projects:

- 1.) Autonomous Security Operations Center (ASOC) – Use reinforcement learning and security orchestration tools to effectively automate the behavior and actions of tier-1 SOC analysts.
 - 2.) Detection of Disinformation Campaigns – Apply machine learning methods to detect the genesis and progression of disinformation campaigns on social media platforms (e.g., Twitter), and develop mitigation strategies.
 - 3.) Immunization Against Adversarial Examples – Combine concepts from adversarial example generation, data poisoning, and transfer learning to develop mechanisms to collaboratively improve the resistance of next-gen AVs against adversarial evasions.
- This email and any attachments thereto may contain private, confidential, and/or privileged material for the sole use of the intended recipient. Any review, copying, or distribution of this email (or any attachments thereto) by others is strictly prohibited. If you are not the intended recipient, please contact the sender immediately and permanently delete the original and any copies of this email and any attachments thereto.

Message

From: Fred Brooks [brooks@cs.unc.edu]
on behalf of Fred Brooks <brooks@cs.unc.edu> [brooks@cs.unc.edu]
Sent: 7/6/2019 7:15:19 PM
To: Ron Alterovitz [ron@cs.unc.edu]
CC: Faculty Meeting [fac-meeting@cs.unc.edu]; Staff [staff@cs.unc.edu]
Subject: [faculty] Re: [fac-meeting] Presidential Early Career Award (PECASE)

Hooray, Ron!

Fred

On Sat, Jul 6, 2019 at 2:37 PM Ron Alterovitz <ron@cs.unc.edu> wrote:

I'd like to share the good news that the White House has announced that I have been awarded the Presidential Early Career Award for Scientists and Engineers (PECASE). The press release from the White House is available here:

<https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/>

According the press release: "PECASE is the highest honor bestowed by the United States Government to outstanding scientists and engineers who are beginning their independent research careers and who show exceptional promise for leadership in science and technology."

This is a tremendous honor for me. Thank you to everyone in the department for helping me to reach this exciting career milestone!

Best,
Ron

Ron Alterovitz, Ph.D.
Professor
Department of Computer Science
University of North Carolina at Chapel Hill
www.cs.unc.edu/~ron

--

You received this message because you are subscribed to the Google Groups "Faculty Meeting minus Faculty" group.

To unsubscribe from this group and stop receiving emails from it, send an email to fac-meeting-minus-faculty+unsubscribe@cs.unc.edu.

Message

From: James H. Anderson [anderson@cs.unc.edu]
on behalf of James H. Anderson <anderson@cs.unc.edu> [anderson@cs.unc.edu]
Sent: 7/6/2019 7:21:51 PM
To: faculty@cs.unc.edu; Ron Alterovitz [ron@cs.unc.edu]
Subject: Re: [faculty] [fac-meeting] Presidential Early Career Award (PECASE)

Wow, this is an amazing honor!

-Jim

On 7/6/19 2:36 PM, Ron Alterovitz wrote:

> I'd like to share the good news that the White House has announced that I have been awarded the Presidential Early Career Award for Scientists and Engineers (PECASE). The press release from the White House is available here:

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> <https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/>

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>
> Best,
> Ron

> ---
> Ron Alterovitz, Ph.D.

> Professor
> Department of Computer Science
> University of North Carolina at Chapel Hill
> www.cs.unc.edu/~ron

>
>

--
James H. Anderson
Kenan Professor
Department of Computer Science
The University of North Carolina at Chapel Hill
Tel:

Message

From: Alex Berg [aberg@cs.unc.edu]
on behalf of Alex Berg <aberg@cs.unc.edu> [aberg@cs.unc.edu]
Sent: 7/6/2019 7:38:07 PM
To: Ron Alterovitz [ron@cs.unc.edu]
CC: Faculty Meeting [fac-meeting@cs.unc.edu]; Staff [staff@cs.unc.edu]
Subject: Re: [faculty] [fac-meeting] Presidential Early Career Award (PECASE)

Congratulations! That is great news!

-alex

On Sat, Jul 6, 2019, 11:37 AM Ron Alterovitz <ron@cs.unc.edu> wrote:

I'd like to share the good news that the White House has announced that I have been awarded the Presidential Early Career Award for Scientists and Engineers (PECASE). The press release from the White House is available here:

<https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/>

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Best,
Ron

Ron Alterovitz, Ph.D.
Professor
Department of Computer Science
University of North Carolina at Chapel Hill
www.cs.unc.edu/~ron

Message

From: Mohit Bansal [mbansal@cs.unc.edu]
on behalf of Mohit Bansal <mbansal@cs.unc.edu> [mbansal@cs.unc.edu]
Sent: 7/6/2019 7:41:00 PM
To: Ron Alterovitz [ron@cs.unc.edu]
CC: Faculty Meeting [fac-meeting@cs.unc.edu]; Staff [staff@cs.unc.edu]
Subject: Re: [faculty] [fac-meeting] Presidential Early Career Award (PECASE)

Congrats again!! :-)

On Sat, Jul 6, 2019 at 2:37 PM Ron Alterovitz <ron@cs.unc.edu> wrote:

I'd like to share the good news that the White House has announced that I have been awarded the Presidential Early Career Award for Scientists and Engineers (PECASE). The press release from the White House is available here:

<https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/>

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Best,
Ron

Ron Alterovitz, Ph.D.
Professor
Department of Computer Science
University of North Carolina at Chapel Hill
www.cs.unc.edu/~ron

--

Mohit Bansal
Assistant Professor, Director of UNC-NLP Lab
Computer Science, UNC Chapel Hill
Homepage: www.cs.unc.edu/~mbansal
Lab webpage: nlp.cs.unc.edu

Message

From: Aniket Bera [ab@cs.unc.edu]
on behalf of Aniket Bera <ab@cs.unc.edu> [ab@cs.unc.edu]
Sent: 7/6/2019 8:02:48 PM
To: Ron Alterovitz [ron@cs.unc.edu]
CC: fac-meeting Meeting [fac-meeting@cs.unc.edu]; Staff [staff@cs.unc.edu]
Subject: [faculty] [fac-meeting] Re: [staff] Presidential Early Career Award (PECASE)

This is great news! Congratulations Ron! 🎉

On Sat, Jul 6, 2019, 2:37 PM Ron Alterovitz <ron@cs.unc.edu> wrote:

I'd like to share the good news that the White House has announced that I have been awarded the Presidential Early Career Award for Scientists and Engineers (PECASE). The press release from the White House is available here:

<https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/>

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This is a tremendous honor for me. Thank you to everyone in the department for helping me to reach this exciting career milestone!

Best,
Ron

Ron Alterovitz, Ph.D.
Professor
Department of Computer Science
University of North Carolina at Chapel Hill
www.cs.unc.edu/~ron

Message

From: Ketan Mayer-Patel [kmp@cs.unc.edu]
on behalf of Ketan Mayer-Patel <kmp@cs.unc.edu> [kmp@cs.unc.edu]
Sent: 7/6/2019 8:18:38 PM
To: Ron Alterovitz [ron@cs.unc.edu]
CC: fac-meeting Meeting [fac-meeting@cs.unc.edu]; Staff [staff@cs.unc.edu]
Subject: Re: [faculty] [fac-meeting] Presidential Early Career Award (PECASE)

Awesome news!

On Sat, Jul 6, 2019, 2:37 PM Ron Alterovitz <ron@cs.unc.edu> wrote:

I'd like to share the good news that the White House has announced that I have been awarded the Presidential Early Career Award for Scientists and Engineers (PECASE). The press release from the White House is available here:

<https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/>

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Best,
Ron

Ron Alterovitz, Ph.D.
Professor
Department of Computer Science
University of North Carolina at Chapel Hill
www.cs.unc.edu/~ron

Message

From: Ming C Lin [lin@cs.unc.edu]
on behalf of Ming C Lin <lin@cs.unc.edu> [lin@cs.unc.edu]
Sent: 7/6/2019 8:19:59 PM
To: Ron Alterovitz [ron@cs.unc.edu]
CC: Faculty Meeting [fac-meeting@cs.unc.edu]; Staff [staff@cs.unc.edu]
Subject: [faculty] Re: [fac-meeting] Presidential Early Career Award (PECASE)

Congrats, Ron!!!

-Ming

> On Jul 6, 2019, at 2:36 PM, Ron Alterovitz <ron@cs.unc.edu> wrote:

>
> I'd like to share the good news that the White House has announced that I have been awarded the Presidential Early Career Award for Scientists and Engineers (PECASE). The press release from the White House is available here:

>
> <https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/>

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>
> This is a tremendous honor for me. Thank you to everyone in the department for helping me to reach this exciting career milestone!

>
> Best,
> Ron

>
> ---
> Ron Alterovitz, Ph.D.

> Professor
> Department of Computer Science
> University of North Carolina at Chapel Hill
> www.cs.unc.edu/~ron

>
>
> --
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Message

From: Shahriar Nirjon [nirjon@cs.unc.edu]
on behalf of Shahriar Nirjon <nirjon@cs.unc.edu> [nirjon@cs.unc.edu]
Sent: 7/6/2019 9:35:02 PM
To: Parasara Duggirala [psd@cs.unc.edu]
CC: Stanley Ahalt [ahalt@renci.org]; Ron Alterovitz [ron@cs.unc.edu]; Faculty Meeting [fac-meeting@cs.unc.edu]; Staff [staff@cs.unc.edu]
Subject: Re: [faculty] [fac-meeting] Presidential Early Career Award (PECASE)

Congratulations, Ron!!!!

On Sat, Jul 6, 2019, 4:50 PM Parasara Duggirala <psd@cs.unc.edu> wrote:
Awesome! Congratulations, Ron!

Best,
--
Sridhar

On Sat, Jul 6, 2019 at 4:27 PM Ahalt, Stanley C <ahalt@renci.org> wrote:
Congratulations, Ron! What great news!

--
Stanley Ahalt, Ph.D.
Director, Renaissance Computing Institute
Professor, Department of Computer Science, UNC-CH
Assoc. Director of Biomedical Informatics Service, NC TraCS

For appointments, contact Julie Hayes <julieh@renci.org> 919-445-9641

On 7/6/19, 2:37 PM, "Ron Alterovitz" <ron@cs.unc.edu> wrote:

I'd like to share the good news that the White House has announced that I have been awarded the Presidential Early Career Award for Scientists and Engineers (PECASE). The press release from the White House is available here:

<https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/>

According the press release: "PECASE is the highest honor bestowed by the United States Government to outstanding scientists and engineers who are beginning their independent research careers and who show exceptional promise for leadership in science and technology."

This is a tremendous honor for me. Thank you to everyone in the department for helping me to reach this exciting career milestone!

Best,
Ron

Ron Alterovitz, Ph.D.
Professor
Department of Computer Science
University of North Carolina at Chapel Hill
www.cs.unc.edu/~ron

Message

From: Jack Snoeyink [snoeyink@cs.unc.edu]
on behalf of Jack Snoeyink <snoeyink@cs.unc.edu> [snoeyink@cs.unc.edu]
Sent: 7/6/2019 9:37:56 PM
To: Ron Alterovitz [ron@cs.unc.edu]; Faculty Meeting [fac-meeting@cs.unc.edu]; Staff [staff@cs.unc.edu]
Subject: RE: [faculty] [fac-meeting] Presidential Early Career Award (PECASE)

Wow! This is a big deal!

They are at least a year behind on processing PECASE awards, so this is terrific that you are receiving one.

Jack snoeyink@cs.unc.edu
Computer Science, UNC Chapel Hill

From: [Ron Alterovitz](#)
Sent: Saturday, July 6, 2019 2:37 PM
To: [Faculty Meeting](#); [Staff](#)
Subject: [faculty] [fac-meeting] Presidential Early Career Award (PECASE)

I'd like to share the good news that the White House has announced that I have been awarded the Presidential Early Career Award for Scientists and Engineers (PECASE). The press release from the White House is available here:

<https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/>

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Best,
Ron

Ron Alterovitz, Ph.D.
Professor
Department of Computer Science
University of North Carolina at Chapel Hill
www.cs.unc.edu/~ron

Message

From: Fabian Monrose [fabian@cs.unc.edu]
on behalf of Fabian Monrose <fabian@cs.unc.edu> [fabian@cs.unc.edu]
Sent: 7/6/2019 10:05:05 PM
To: Ron Alterovitz [ron@cs.unc.edu]
CC: Faculty Meeting [fac-meeting@cs.unc.edu]; Staff [staff@cs.unc.edu]
Subject: Re: [faculty] [fac-meeting] Presidential Early Career Award (PECASE)

Fantastic news! Congrats!
Cheers
Fabian

Sent from my iPhone

> On Jul 7, 2019, at 6:36 AM, Ron Alterovitz <ron@cs.unc.edu> wrote:
>
> I'd like to share the good news that the White House has announced that I have been awarded the
Presidential Early Career Award for Scientists and Engineers (PECASE). The press release from the White
House is available here:
>
> [https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-
presidential-early-career-award-scientists-engineers/](https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/)
>
> According the press release: "PECASE is the highest honor bestowed by the United States Government to
outstanding scientists and engineers who are beginning their independent research careers and who show
exceptional promise for leadership in science and technology."
>
> This is a tremendous honor for me. Thank you to everyone in the department for helping me to reach this
exciting career milestone!
>
> Best,
> Ron
>
> ---
> Ron Alterovitz, Ph.D.
> Professor
> Department of Computer Science
> University of North Carolina at Chapel Hill
> www.cs.unc.edu/~ron
>
>

Message

From: faculty@cs.unc.edu [faculty@cs.unc.edu]
on behalf of Styner, Martin Andreas <styner@email.unc.edu> [styner@email.unc.edu]
Sent: 7/6/2019 10:07:31 PM
To: Ron Alterovitz [ron@cs.unc.edu]
CC: Faculty Meeting [fac-meeting@cs.unc.edu]; Staff [staff@cs.unc.edu]
Subject: Re: [faculty] [fac-meeting] Presidential Early Career Award (PECASE)

Wonderful! Congrats Run
Martin

--

Martin Styner, PhD. MS ETH
Associate Professor
Neuro Image Research and Analysis Lab
Carolina Institute for Developmental Disabilities
Departments of Psychiatry and Computer Science
CB 7160, University of North Carolina at Chapel Hill
Chapel Hill, NC 27599-7160
Cell:
Fax: 919 962 1799

On Jul 6, 2019, at 14:36, Ron Alterovitz <ron@cs.unc.edu> wrote:

I'd like to share the good news that the White House has announced that I have been awarded the Presidential Early Career Award for Scientists and Engineers (PECASE). The press release from the White House is available here:

<https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/>

According the press release: "PECASE is the highest honor bestowed by the United States Government to outstanding scientists and engineers who are beginning their independent research careers and who show exceptional promise for leadership in science and technology."

This is a tremendous honor for me. Thank you to everyone in the department for helping me to reach this exciting career milestone!

Best,
Ron

Ron Alterovitz, Ph.D.
Professor
Department of Computer Science
University of North Carolina at Chapel Hill

Message

From: Cynthia Sturton [csturton@cs.unc.edu]
on behalf of Cynthia Sturton <csturton@cs.unc.edu> [csturton@cs.unc.edu]
Sent: 7/6/2019 10:11:55 PM
To: Styner, Martin Andreas [styner@email.unc.edu]
CC: Ron Alterovitz [ron@cs.unc.edu]; fac-meeting Meeting [fac-meeting@cs.unc.edu]; Staff [staff@cs.unc.edu]
Subject: Re: [faculty] [fac-meeting] Presidential Early Career Award (PECASE)

Congratulations, Ron!! This is awesome!

-Cynthia

On Sat, Jul 6, 2019, 6:07 PM Styner, Martin Andreas <styner@email.unc.edu> wrote:

Wonderful! Congrats Run
Martin

--

Martin Styner, PhD. MS ETH
Associate Professor
Neuro Image Research and Analysis Lab
Carolina Institute for Developmental Disabilities
Departments of Psychiatry and Computer Science
CB 7160, University of North Carolina at Chapel Hill
Chapel Hill, NC 27599-7160
Cell:
Fax: 919 962 1799

On Jul 6, 2019, at 14:36, Ron Alterovitz <ron@cs.unc.edu> wrote:

I'd like to share the good news that the White House has announced that I have been awarded the Presidential Early Career Award for Scientists and Engineers (PECASE). The press release from the White House is available here:

<https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/>

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This is a tremendous honor for me. Thank you to everyone in the department for helping me to reach this exciting career milestone!

Best,
Ron

Ron Alterovitz, Ph.D.
Professor
Department of Computer Science
University of North Carolina at Chapel Hill
www.cs.unc.edu/~ron

Message

From: Tim Quigg [quigg@cs.unc.edu]
on behalf of Tim Quigg <quigg@cs.unc.edu> [quigg@cs.unc.edu]
Sent: 7/6/2019 11:30:03 PM
To: Ron Alterovitz [ron@cs.unc.edu]
CC: Faculty Meeting [fac-meeting@cs.unc.edu]; Staff [staff@cs.unc.edu]
Subject: [faculty] Re: [fac-meeting] Presidential Early Career Award (PECASE)

Ron,

I remember being excited when you accepted our offer to join the faculty at UNC. I was even more excited when I began to understand your areas of research in more detail. So I'm not surprised, but I am pleased that you have been recognized in this special way. Well done! You make all of us proud to have you as part of our community.

Tim

Sent from my iPhone

> On Jul 6, 2019, at 2:36 PM, Ron Alterovitz <ron@cs.unc.edu> wrote:

>

> I'd like to share the good news that the White House has announced that I have been awarded the Presidential Early Career Award for Scientists and Engineers (PECASE). The press release from the White House is available here:

>

> <https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/>

>

> According the press release: "PECASE is the highest honor bestowed by the United States Government to outstanding scientists and engineers who are beginning their independent research careers and who show exceptional promise for leadership in science and technology."

>

> This is a tremendous honor for me. Thank you to everyone in the department for helping me to reach this exciting career milestone!

>

> Best,

> Ron

>

> ---

> Ron Alterovitz, Ph.D.

> Professor

> Department of Computer Science

> University of North Carolina at Chapel Hill

> www.cs.unc.edu/~ron

>

>

> --

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Message

From: Jasleen Kaur [jasleen@cs.unc.edu]
on behalf of Jasleen Kaur <jasleen@cs.unc.edu> [jasleen@cs.unc.edu]
Sent: 7/6/2019 11:53:17 PM
To: Jeff Terrell [terrell@cs.unc.edu]
CC: James H. Anderson [anderson@cs.unc.edu]; Ron Alterovitz [ron@cs.unc.edu]; faculty@cs.unc.edu
Subject: Re: [faculty] [fac-meeting] Presidential Early Career Award (PECASE)

This is way more than tremendous! Congratulatiins, Ron!

On Sun, Jul 7, 2019, 12:59 AM Jeff Terrell <terrell@cs.unc.edu> wrote:

Wow! Congratulations, Ron!

On Sat, Jul 6, 2019 at 3:21 PM James H. Anderson <anderson@cs.unc.edu> wrote:

Wow, this is an amazing honor!

-Jim

On 7/6/19 2:36 PM, Ron Alterovitz wrote:

> I'd like to share the good news that the White House has announced that I have been awarded the Presidential Early Career Award for Scientists and Engineers (PECASE). The press release from the White House is available here:

>
> <https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/>

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> This is a tremendous honor for me. Thank you to everyone in the department for helping me to reach this exciting career milestone!

> Best,

> Ron

> ---

> Ron Alterovitz, Ph.D.

> Professor

> Department of Computer Science

> University of North Carolina at Chapel Hill

> www.cs.unc.edu/~ron

--

James H. Anderson
Kenan Professor
Department of Computer Science
The University of North Carolina at Chapel Hill
Tel:

--

Jeff Terrell, Ph.D.

Professor of the Practice of Computer Science

App Lab Director

University of North Carolina at Chapel Hill

terrell@cs.unc.edu

(cell)

<https://terrell.web.unc.edu/>

Message

From: Jan Prins [prins@cs.unc.edu]
on behalf of Jan Prins <prins@cs.unc.edu> [prins@cs.unc.edu]
Sent: 7/7/2019 11:34:30 AM
To: Ron Alterovitz [ron@cs.unc.edu]
CC: Faculty Meeting [fac-meeting@cs.unc.edu]; Staff [staff@cs.unc.edu]
Subject: Re: [faculty] [fac-meeting] Presidential Early Career Award (PECASE)

Well deserved, Ron ! Congratulations!!

-Jan

On Sat, Jul 6, 2019 at 2:37 PM Ron Alterovitz <ron@cs.unc.edu> wrote:

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<https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/>

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This is a tremendous honor for me. Thank you to everyone in the department for helping me to reach this exciting career milestone!

Best,
Ron

Ron Alterovitz, Ph.D.
Professor
Department of Computer Science
University of North Carolina at Chapel Hill
www.cs.unc.edu/~ron

--

Jan F. Prins
Dept. of Computer Science
CB #3175 Sitterson Hall
Chapel Hill, NC 27599-3175, USA

Tel: - - - - -
Fax: +1-919-590-6111
E-mail: prins@cs.unc.edu
URL: <http://www.cs.unc.edu/~prins/>

Message

From: Anselmo Lastra [lastra@cs.unc.edu]
on behalf of Anselmo Lastra <lastra@cs.unc.edu> [lastra@cs.unc.edu]
Sent: 7/7/2019 12:52:52 PM
To: Ron Alterovitz [ron@cs.unc.edu]
CC: Faculty Meeting [fac-meeting@cs.unc.edu]; Staff [staff@cs.unc.edu]
Subject: [faculty] Re: [fac-meeting] Presidential Early Career Award (PECASE)

Congratulations, Ron!!! It's a very well deserved honor.

Anselmo

On Sat, Jul 6, 2019 at 2:37 PM Ron Alterovitz <ron@cs.unc.edu> wrote:

I'd like to share the good news that the White House has announced that I have been awarded the Presidential Early Career Award for Scientists and Engineers (PECASE). The press release from the White House is available here:

<https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/>

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Best,
Ron

Ron Alterovitz, Ph.D.
Professor
Department of Computer Science
University of North Carolina at Chapel Hill
www.cs.unc.edu/~ron

--

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Message

From: faculty@cs.unc.edu [faculty@cs.unc.edu]
on behalf of Rosenman, Julian G <julian_rosenman@med.unc.edu> [julian_rosenman@med.unc.edu]
Sent: 7/7/2019 6:13:08 PM
To: Henry Fuchs [fuchs@cs.unc.edu]; Ron Alterovitz [ron@cs.unc.edu]
CC: Faculty Meeting [fac-meeting@cs.unc.edu]; Staff [staff@cs.unc.edu]; David Plaisted [plaisted@cs.unc.edu]
Subject: Re: [faculty] [fac-meeting] Presidential Early Career Award (PECASE)

Ron

I can only say "Mazel Tov." Well-deserved.

Julian

From: Henry Fuchs <fuchs@cs.unc.edu>
Sent: Saturday, July 6, 2019 11:07 PM
To: Ron Alterovitz
Cc: Faculty Meeting; Staff; David Plaisted
Subject: Re: [faculty] [fac-meeting] Presidential Early Career Award (PECASE)

Fabulous!! Congratulations, Ron!

-Henry

On Jul 6, 2019, at 10:16 PM, David Plaisted <plaisted@cs.unc.edu> wrote:

Great! Best wishes.

Dave

On Sat, Jul 6, 2019 at 2:37 PM Ron Alterovitz <ron@cs.unc.edu> wrote:

I'd like to share the good news that the White House has announced that I have been awarded the Presidential Early Career Award for Scientists and Engineers (PECASE). The press release from the White House is available here:

<https://www.whitehouse.gov/briefings-statements/president-donald-j-trump-announces-recipients-presidential-early-career-award-scientists-engineers/>

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Best,
Ron

Ron Alterovitz, Ph.D.
Professor
Department of Computer Science
University of North Carolina at Chapel Hill
www.cs.unc.edu/~ron

--

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Message

From: Ron Alterovitz [ron@cs.unc.edu]
on behalf of Ron Alterovitz <ron@cs.unc.edu> [ron@cs.unc.edu]
Sent: 7/10/2019 12:05:38 AM
To: Faculty Meeting [fac-meeting@cs.unc.edu]; Staff [staff@cs.unc.edu]
Subject: Re: [faculty] [fac-meeting] Presidential Early Career Award (PECASE)

Thank you all for the kind words!

-Ron

> On Jul 7, 2019, at 2:13 PM, Rosenman, Julian G <julian_rosenman@med.unc.edu> wrote:

>
> Ron
>
> I can only say "Mazel Tov." Well-deserved.
>
> Julian
>
>
> From: Henry Fuchs <fuchs@cs.unc.edu>
> Sent: Saturday, July 6, 2019 11:07 PM
> To: Ron Alterovitz
> Cc: Faculty Meeting; Staff; David Plaisted
> Subject: Re: [faculty] [fac-meeting] Presidential Early Career Award (PECASE)

> Fabulous!! Congratulations, Ron!

> -Henry

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>> Great! Best wishes.

>> Dave

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>> Best,

>> Ron

>> ---

>> Ron Alterovitz, Ph.D.

>> Professor

>> Department of Computer Science

>> University of North Carolina at Chapel Hill

>> www.cs.unc.edu/~ron

>>
> --

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Message

From: Dinesh Manocha
on behalf of Dinesh Manocha
Sent: 2/24/2020 3:43:44 AM
To: Fabian Monrose [fabian@cs.unc.edu]
Subject: Fwd: Congrats!

Duke has recently hired some top quantum folks. They already a strong group and they are building a very top one. Given that Quantum is very hot (Margaret is heading NSF CISE and even Trump announcement), this is very strategic.

I feel that the three hot areas in terms of \$\$ are AI, Quantum and Cyber. Duke is also hiring in Cybersecurity and AI (Just like every other school).

I feel that the real action at Duke is in ECE (though they do joint hires with CS).

Begin forwarded message:

From: Krishnendu Chakrabarty <krish@duke.edu>
Subject: **Re: Congrats!**
Date: February 23, 2020 at 5:27:07 PM EST
To: Dinesh Manocha _____

Yes, certainly. Both AI and cybersecurity are priority areas...

I have heard about ARLIS. All the best.

If you know of faculty who could be lured to Duke, please let know!

Thanks,

Krish

On 2/23/20 1:42 AM, Dinesh Manocha wrote:

I recently learned that Duke is building a huge capacity in quantum and have been raiding other places (e.g. UMD)! The funny thing is that UMD tried to hire Kim many years ago and didn't succeed.

I know that Duke already has a very strong group and you may indeed become THE place in quantum. Congrats!

I am involved with a new UARC (called ARLIS) at UMD and getting involved with National Security and Intelligence Community. In terms of funding, it seems that top 3 funding trends are AI, Quantum and CyberSec. Are you thinking of building strength in other two as well?

DM

Message

From: Bil Hays [bil_hays@unc.edu]
on behalf of Bil Hays <bil_hays@unc.edu> [bil_hays@unc.edu]
Sent: 3/16/2020 9:26:33 PM
To: Bil Hays [hays@cs.unc.edu]
BCC: everyone@cs.unc.edu
Subject: Some graphs on why staying home is critical

We know we are surrounded by infected people, but we don't know who they are.

<https://www.nytimes.com/interactive/2020/03/13/opinion/coronavirus-trump-response.html>

stay safe, stay home.

bil

--

bil hays
IT Manager, Computer Science, UNC CH
CTC Advisory Board President
verify me at keybase.io

Message

From: Kevin Jeffay [jeffay@cs.unc.edu]
on behalf of Kevin Jeffay <jeffay@cs.unc.edu> [jeffay@cs.unc.edu]
Sent: 7/8/2020 12:58:26 PM
To: faculty [faculty@cs.unc.edu]
CC: Cable, Jaye E [jecable@email.unc.edu]
Subject: [faculty] Fwd: Breaking News: Harvard and M.I.T. sued the Trump administration over a move to strip visas from foreign students whose courses have moved entirely online.

Begin forwarded message:

From: The New York Times <nytdirect@nytimes.com>
Subject: **Breaking News: Harvard and M.I.T. sued the Trump administration over a move to strip visas from foreign students whose courses have moved entirely online.**
Date: July 8, 2020 at 8:57:01 AM EDT
To: jeffay@cs.unc.edu
Reply-To: The New York Times <nytdirect@nytimes.com>

[View in browser](#) | nytimes.com

The logo for The New York Times, featuring the name in a classic, white, serif font centered on a black rectangular background.

BREAKING NEWS

Harvard and M.I.T. sued the Trump administration over a move to strip visas from foreign students whose courses have moved entirely online.

Wednesday, July 8, 2020 8:57 AM EST

The White House measure, announced on Monday, was seen as an effort to pressure universities into reopening their gates and abandoning the cautious approaches that many have announced they would adopt to reduce transmission of the coronavirus.

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The New York Times Company, 620 Eighth Avenue, New York, NY 10018

Message

From: Aikat, Deb [da@unc.edu]
on behalf of Aikat, Deb <da@unc.edu> [da@unc.edu]
Sent: 7/14/2020 7:46:53 PM
Subject: Trump administration rescinds visa rule for international students

Trump administration rescinds visa rule for international students

Cordially,



DEB AIKAT, Ph. D.
Associate Professor
Hussman School of Journalism and Media
374 Carroll Hall, CB # 3365
University of North Carolina at Chapel Hill
Chapel Hill, NC 27599-3365, USA
da@unc.edu | hussman.unc.edu/directory/faculty/deb-aikat



START HERE / NEVER STOP

Message

From: Kris Jordan [kris@cs.unc.edu]
on behalf of Kris Jordan <kris@cs.unc.edu> [kris@cs.unc.edu]
Sent: 7/14/2020 7:49:10 PM
To: faculty [faculty@cs.unc.edu]
Subject: [faculty] Fwd: Trump administration rescinds visa rule for international students

----- Forwarded message -----

From: **Aikat, Deb** <da@unc.edu>
Date: Tue, Jul 14, 2020, 3:46 PM
Subject: Trump administration rescinds visa rule for international students
To:

Trump administration rescinds visa rule for international students

Cordially,



DEB AIKAT, Ph. D.

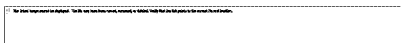
Associate Professor

Hussman School of Journalism and Media

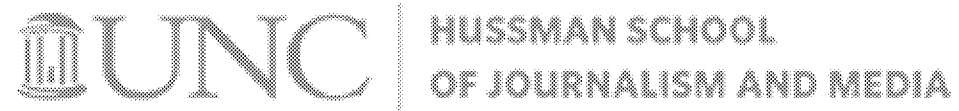
374 Carroll Hall, CB # 3365
University of North Carolina at Chapel Hill

Chapel Hill, NC 27599-3365, USA

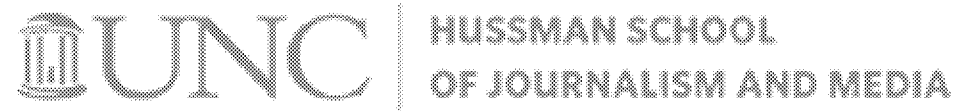
da@unc.edu | hussman.unc.edu/directory/faculty/deb-aikat



Feb



START HERE / NEVER STOP



Message

From: Kevin Jeffay [jeffay@cs.unc.edu]
on behalf of Kevin Jeffay <jeffay@cs.unc.edu> [jeffay@cs.unc.edu]
Sent: 7/14/2020 7:49:12 PM
To: faculty [faculty@cs.unc.edu]; grads@cs.unc.edu [grads@cs.unc.edu]
CC: Denise E Kenney [kenney@cs.unc.edu]; Tonja Austin [taustin@cs.unc.edu]
Subject: [faculty] Trump administration rescinds rule on foreign students having to take face-2-face classes...

<https://news.google.com/stories/CAAqOQgKIjNDQklTSURvSmMzUnZjbmt0TXpZd1NoTUtFUWk4LVAtaGtJQU1FUkxodIRRWWhaVI9LQUFQAQ?hl=en-US&gl=US&ceid=US%3Aen>

Message

From: faculty@cs.unc.edu [faculty@cs.unc.edu]
on behalf of Styner, Martin Andreas <styner@email.unc.edu> [styner@email.unc.edu]
Sent: 7/14/2020 7:51:33 PM
To: kris@cs.unc.edu
CC: faculty [faculty@cs.unc.edu]
Subject: Re: [faculty] Fwd: Trump administration rescinds visa rule for international students

NYT link: <https://www.nytimes.com/2020/07/14/world/coronavirus-updates.html?action=click&module=Top%20Stories&pgtype=Homepage#link-12d302a4>

Martin

--

Martin Styner, PhD. Associate Professor
Neuro Image Research and Analysis Lab
Carolina Institute for Developmental Disabilities
Departments of Psychiatry and Computer Science
CB 7160, University of North Carolina at Chapel Hill
Chapel Hill, NC 27599-7160
Cell:
Fax:

On Jul 14, 2020, at 3:49 PM, Kris Jordan <kris@cs.unc.edu> wrote:

----- Forwarded message -----

From: **Aikat, Deb** <da@unc.edu>
Date: Tue, Jul 14, 2020, 3:46 PM
Subject: Trump administration rescinds visa rule for international students
To:

[Trump administration rescinds visa rule for international students](#)

Cordially,



DEB AIKAT, Ph. D.

Associate Professor

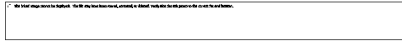
Hussman School of Journalism and Media

374 Carroll Hall, CB # 3365
University of North Carolina at Chapel Hill

Chapel Hill, NC 27599-3365, USA

da@unc.edu

| hussman.unc.edu/directory/faculty/deb-aikat



<image001.jpg><image003.jpg><image002.png><image002.png>

Message

From: Montek Singh [montek@cs.unc.edu]
on behalf of Montek Singh <montek@cs.unc.edu> [montek@cs.unc.edu]
Sent: 7/14/2020 7:55:01 PM
To: Styner, Martin Andreas [styner@email.unc.edu]
CC: kris@cs.unc.edu; faculty [faculty@cs.unc.edu]
Subject: Re: [faculty] Fwd: Trump administration rescinds visa rule for international students

I had bet the rule would be suspended before the end of the month. I guess I was being too pessimistic :-)

-Montek

On Tue, Jul 14, 2020 at 3:51 PM Styner, Martin Andreas <styner@email.unc.edu> wrote:
NYT link: <https://www.nytimes.com/2020/07/14/world/coronavirus-updates.html?action=click&module=Top%20Stories&pgtype=Homepage#link-12d302a4>

Martin

--

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da@unc.edu | hussman.unc.edu/directory/faculty/deb-aikat



<image001.jpg><image003.jpg><image002.png><image002.png>

Message

From: John Majikes [jmajikes@cs.unc.edu]
on behalf of John Majikes <jmajikes@cs.unc.edu> [jmajikes@cs.unc.edu]
Sent: 8/10/2020 8:03:24 PM
To: David Luebke [dave@luebke.us]
CC: Jack Snoeyink [snoeyink@cs.unc.edu]; Colin Raffel [craffel@cs.unc.edu]; Faculty [faculty@cs.unc.edu]; Staff [staff@cs.unc.edu]
Subject: Re: [faculty] Zoom video with students in China

If am not sure how to strictly limit who can get in beyond the UNC edu id. I wonder if you set up waiting rooms if they'd just get in the waiting room and they you get a notification when they arrive. But I am not sure.

I will say that I have a "Donald Trump" zoom account. I bomb in on people just to see if they have security on. But I believe that if I use that id and try to get into a [unc.edu](https://www.unc.edu) account it lets me because (I believe) it uses the UNC cookies. So here I am trying to be funny and I just look, well, like Donald Trump. Ugh.

I think there's way more to Zoom than we know.
John

On Mon, Aug 10, 2020 at 2:41 PM David Luebke <dave@luebke.us> wrote:

Thanks John, this is super useful to know! Your little video also helped me with a couple of other questions I was about to spam the list with, so extra credit for that.

One question I haven't seen addressed elsewhere: what is the best way to restrict the meeting to the appropriate group, given that might include a couple of community folks (like alumni) that are auditing the meeting and presumably might not have UNC.edu addresses?

I see this option:

Only authenticated users can join

UNC-CH only

.unc.edu,.UNC.EDU [Edit](#)

and thought about manually including the auditor's email domains (which are for their company, i.e. not "[gmail.com](https://www.gmail.com)"). But maybe there's a better way?

Dave

On Mon, Aug 10, 2020 at 2:13 PM Jack Snoeyink <snoeyink@cs.unc.edu> wrote:

Augh.

I left out the NOT. This change is an edit of the meeting, so will NOT change the id.
Sorry all...

jack

On Aug 10, 2020, at 2:11 PM, Colin Raffel <craffel@cs.unc.edu> wrote:

I see, thank you.

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- A recurring meeting ID expires if it isn't used for 365 days.

In looking for whether passcodes change, I see that Zoom plans to require a passcode or waiting room on all meetings after Sept 27. (They don't mention an exception to meetings restricted to registered users, but there is a setting allowing registered users to bypass the waiting room, so that is what I'll be doing.)

Jack

On Aug 10, 2020, at 12:33 PM, Colin Raffel <craffel@cs.unc.edu> wrote:

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I've attached a PNG and a less than 2 minute video on it to describe how to turn on the setting.

John

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XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX

XXXXXXXXXXXX

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Message

From: Gary Bishop [gb@cs.unc.edu]
on behalf of Gary Bishop <gb@cs.unc.edu> [gb@cs.unc.edu]
Sent: 8/10/2020 8:17:07 PM
To: Kevin Jeffay [jeffay@cs.unc.edu]
CC: John Majikes [jmajikes@cs.unc.edu]; David Luebke [dave@luebke.us]; Jack Snoeyink [snoeyink@cs.unc.edu]; Colin Raffel [craffel@cs.unc.edu]; faculty [faculty@cs.unc.edu]
Subject: Re: [faculty] Zoom video with students in China

I just did a quick test with a meeting that was limited to UNC. When I tried to connect from an unauthorized account it told me the meeting was internal use only and did not offer the waiting room option.

gb

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John

<https://www.cs.unc.edu/~jmajikes/zoom.china.datacenter.mp4>

Message

From: Aikat, Deb [da@unc.edu]
on behalf of Aikat, Deb <da@unc.edu> [da@unc.edu]
Sent: 11/3/2020 1:38:34 PM
To: Fabian Monroe [fabian@cs.unc.edu]
Subject: 2020 Elections will be a true test of polling forecasts

I write to share, with you, nine poll predictions from various sources and news reports about pollsters. The 2020 Elections will be a true test of polling forecasts.

1. Nate Cohn's [The Upshot](#) at the *New York Times*, which provides a state-by-state polling averages (Nov. 3).
** Cohn's page states: "Assessing the last polls before the election. A smidge of tightening, but Biden ends with a commanding lead."
2. [President—Forecasting the US 2020 elections | The Economist](#) (Nov. 3)
***"Our final pre-election forecast is that Joe Biden is very likely to beat Donald Trump in the electoral college."
3. The University of Virginia pollster [Larry Sabato's Crystal Ball](#) (Nov. 2)
**Biden favored for president; narrow Democratic edge in Senate; Democrats favored to net seats in House."
4. [2020 Election Forecast | FiveThirtyEight](#) (Nov. 3)
**"Biden is favored to win the election."
5. [Politico's Predictions for Every Election & Key Races](#) (Nov. 3)
**The Presidency leans in favor of the Democrats."
6. [RealClearPolitics - Election 2020 - General Election: Trump vs. Biden](#) (Nov. 3)
**Model predicts Biden may win.
7. [270toWin's 2020 Presidential Election Forecast Maps](#) (Nov. 3)
**Model predicts Biden may win."
8. Trafalgar Group, [predicts a "consistent Trump lead"](#) (Nov. 3)
Trafalgar, a boutique polling company based in Atlanta, Georgia, correctly predicted Trump would win the Electoral College in 2016.
9. StatesPoll, [predicts a Trump victory](#) (Nov. 2)
[StatesPoll correctly predicted Trump would win the Electoral College in 2016.](#)

News reports about pollsters

1. [Historian Allan Lichtman who correctly predicted every election since 1984 makes his call \[Fox news video\]](#) (Oct. 30).
2. [Does Allan Lichtman Stand by His "13 Keys" Prediction of a Joe Biden Win? | American University, Washington, D.C](#) (Oct. 28).
3. ['People Are Going To Be Shocked': Return of the 'Shy' Trump Voter? by Zack Stanton in Politico](#) (Oct. 29)

4. The Pollster Who Thinks Trump Will Win; Robert Cahaly foresaw the outcome in 2016 by Barton Swaim in *The Wall Street Journal* (Oct. 29)
Will 'social acceptability bias' deliver another surprise?

 5. Pollster Peter Cahaly of The Trafalgar correctly called 2016 for Trump. Cahaly says, Trump will win again in 2020 (Oct. 31)
-

The fine print: About this Lux Libertas (“light and liberty”) update

With generous help and advice of our colleagues, I curated this Lux Libertas (“light and liberty”) update of news items to foster community.

In our commitment to nurture a civil conversation and collegial connection, I am sharing this news update with you because you lead key initiatives.

Please share this update with colleagues and your other networks.

Several folks often request me to add them to our mailing list.

If you email me (da@unc.edu), I will add you, too.

Truth be told, people enjoy reading these updates. Others may not.

If you do not wish to receive future updates, email me (da@unc.edu).

I sincerely respect your choice.

Like you, I love the law and cherish our shared spirit of free speech.

This Lux Libertas update does not reflect the official policy or position of the University of North Carolina at Chapel Hill.

The views and opinions expressed in this update are those of the authors.

Links to news items are not endorsements.

Cordially,



DEB AIKAT, Ph. D.

Associate Professor

Hussman School of Journalism and Media

374 Carroll Hall, CB # 3365

University of North Carolina at Chapel Hill

Chapel Hill, NC 27599-3365, USA

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OF JOURNALISM AND MEDIA

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From: Alicia Holtz <aliciah@cs.unc.edu>

Sent: Friday, March 26, 2021 4:16 PM

To: Faculty <faculty@cs.unc.edu>

Cc: Gallegos, Megan <megangal@email.unc.edu>; White, DeeDee <deedee.white@unc.edu>; Mccall, Crystal L <cmccall@email.unc.edu>

Subject: Re: Summer Student Employment

A reminder to please complete your tab with summer hiring plans by the end of the month. If you need more time to consult with the Research Admins please let me know so I don't bug you too much. The RAs will also be handling any summer salary payments.

Have a good weekend!

On Mon, Mar 15, 2021 at 4:57 PM Alicia Holtz <aliciah@cs.unc.edu> wrote:

It is time to collect info on your summer hiring plans! Please complete your tab in the attached google sheet with any intended summer funding for your RAs by March 31. Please manually add any student or funding source that is not pre-populated. You can plan to talk to Megan (and/or Crystal) and DeeDee before completing. They will also be reviewing all selections before I complete the payroll actions.

A few points about summer work:

The full summer period is 12 weeks. The weekly pay rate is \$1085 for 40 hours. The total summer rate is \$13,020. Students must work 40 hours, but can work fewer than the full 12 weeks - simply indicate the number of working weeks in the notes column.

Please let me know if you have any questions or problems accessing the form.

 2021 Summer Student Employment

Thanks,
Alicia

--

Alicia Holtz | Business Services Coordinator - HR
UNC Chapel Hill - Department of Computer Science CB#3175
SN149 | Sitterson Hall | Chapel Hill, NC 27599 | Tel/Fax:

--

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Message

From: Aikat, Deb [daikat@email.unc.edu]
on behalf of Aikat, Deb <daikat@email.unc.edu> [daikat@email.unc.edu]
Sent: 11/23/2021 12:34:43 PM
To: Fabian Monroe [fabian@cs.unc.edu]
Subject: The dark past of UNC's megadonors — the Kenan family, DTH opinion + News updates

I write to share, with you, links to five curated sets of news items:

~~ 1a: [The dark past of UNC's megadonors — the Kenan family by Michael Beauregard in *The Daily Tar Heel* \(Nov. 22\)](#)

~~ 2a: [Why NC wants to move UNC System from Chapel Hill to Raleigh by Kate Murphy and Lucille Sherman in the *Raleigh News & Observer* \(Nov. 22\)](#)

~~ 2b: [UNC trustees upend honorary alumni awards, reject Trump critic and Black Democrat by Ned Barnett in the *Raleigh News & Observer* \(Nov. 22\)](#)

~~ 3a: [Eye-popping endowment gains give universities unprecedented 'opportunity' by Jason deBruyn in *WUNC* \(Nov. 22\)](#)

~~ 3b: [The Triumph of the Money Managers: Universities impose cutbacks one day and reap endowment windfalls the next by Dennis M. Hogan \(Oct. 25\)](#)

~~ 4a: [Nikole Hannah-Jones became a political target. What she's learned from the 'hurtful' attacks in *Greater Milwaukee Today* \(Nov. 22\)](#)

~~ 4b: [Nikole Hannah-Jones: Anti-CRT coverage a 'propaganda campaign' by Ramishah Maruf in *CNN* \(Nov. 21\)](#)

~~ 4c: [What Really Happened with Nikole Hannah-Jones by Nic Valdespino in *Carolina Review* \(Nov. 17\)](#)

~~ 4d: [Read other news items on this evolving story \(Nov. 23\)](#)

~~ 5a: [Science is a team sport by Suzanne Barbour in *Higher Ed Works* \(Nov. 11\)](#)

~~ 5b: [University of Maryland to open cultural centers for Latino, Asian, Indigenous, multiracial, disabled students by Lauren Lumpkin in *The Washington Post* \(Nov. 11\)](#)

~~ 5c: [UNC student organizations petition to add a permanent ramp at the Old Well by Valeria Cloës in *The Daily Tar Heel* \(Nov. 16\)](#)

Enjoy your Thanksgiving break with friends and family.

I hope you are staying safe in the Covid-19 pandemic.

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President-elect, Association for Education in Journalism and Mass Communication

Associate Professor, UNC Hussman School of Journalism and Media

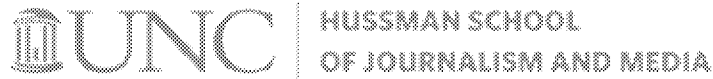
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Message

From: Fabian Monroe [fabian@cs.unc.edu]
on behalf of Fabian Monroe <fabian@cs.unc.edu> [fabian@cs.unc.edu]
Sent: 12/2/2021 11:12:56 PM
To: Kevin Jeffay [jeffay@cs.unc.edu]
Subject: Re: in today?

I'll give you more context tomorrow if you happen to skim this beforehand:

<https://krebsonsecurity.com/2021/09/lawsuits-indictments-revive-trump-alfa-bank-story/>

Sent from my iPhone

On Dec 2, 2021, at 10:36 AM, Kevin Jeffay <jeffay@cs.unc.edu> wrote:

OK, It'll be up from 12:15 onwards.

On Dec 2, 2021, at 10:28 AM, Fabian Monroe <fabian@cs.unc.edu> wrote:

Awesome. I'll jump on your personal zoom link.

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How about at 12:15/12:30?

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Let me know when you are free to jump on zoom for a quick call
-- we can follow up in person. I have meetings from 11-12:15,
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Thanks.
-Fabian

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Home on Thurs, in the office Friday. What can i do for you?

> On Dec 2, 2021, at 10:08 AM, Fabian Monroe

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>

> Are you planning on being around today/tomorrow?

> -Fabian

>

Message

From: Kevin Jeffay [jeffay@cs.unc.edu]
on behalf of Kevin Jeffay <jeffay@cs.unc.edu> [jeffay@cs.unc.edu]
Sent: 12/3/2021 1:17:44 AM
To: Fabian Monroe [fabian@cs.unc.edu]
Subject: Re: in today?

Well just remember that you have liability coverage for anything you do in your role as a State employee (that's not illegal). You're insured for at least \$2M (excess liability).

https://research.unc.edu/wp-content/uploads/sites/61/2021/02/osr-UNCCH_CertificateOfCoverage_2021-2022.pdf

On Dec 2, 2021, at 7:47 PM, Fabian Monroe <fabian@cs.unc.edu> wrote:

Not even the 1/2 of it ;(

Sent from my iPhone

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Wow. Pretty crazy. Let's chat...

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I'll give you more context tomorrow if you happen to skim this
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Message

From: Fabian Monrose [fabian@cs.unc.edu]
on behalf of Fabian Monrose <fabian@cs.unc.edu> [fabian@cs.unc.edu]
Sent: 12/7/2021 2:08:41 PM
To: Kevin Jeffay [jeffay@cs.unc.edu]
Subject: Re: in today?

Hi Kevin,
hope you had a good weekend. I've been thinking alot about the considerations you mentioned in our discussion, and you're right. Hopefully, that attribution-related drama is behind us, but the RSA is the better move, just in case.

What do you need from me for the RSA? I already have the form from Alicia for the leave request. My last RSA was in 2013/4.

Thanks for chatting; it was cathartic. I'll be in the office today grading, if you want to chat in person.

Cheers,
-Fabian

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> -Fabian
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Message

From: Fabian Monrose [fabian@cs.unc.edu]
on behalf of Fabian Monrose <fabian@cs.unc.edu> [fabian@cs.unc.edu]
Sent: 1/18/2022 8:29:58 PM
To: Liao, Peter [liaopb@unc.edu]
Subject: Re: Notice of Breach: UNC-Zeropoint Dynamics Carolina Express License (AGR-4259)

Hi Peter,

I thought Kevin had gotten back to you on this. I've been traveling and trying to sync with him. I left him a voice message and will get back to you.

-Fabian

On Tue, Jan 18, 2022 at 3:21 PM Liao, Peter <liaopb@unc.edu> wrote:

Hi Kevin,

Can we talk this week? My Thursday is pretty open, if that might work for you.

Thanks,

Peter

From: Liao, Peter
Sent: Thursday, January 6, 2022 3:30 PM
To: kevin@zeropointdynamics.com
Cc: fabian <fabian@cs.unc.edu>; michelle@zeropointdynamics.com
Subject: RE: Notice of Breach: UNC-Zeropoint Dynamics Carolina Express License (AGR-4259)

Hi Kevin,

Hope you are having a happy new year. I wanted to follow up on this letter and see about addressing past and future milestones. Is there a good day/time for you to talk?

Thanks,

Peter

Peter Liao

Commercialization Manager

THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
Office of Technology Commercialization
Campus Box 4105
109 Church Street | Chapel Hill, NC 27516
T: 919.843.5028 | F: 919.962.0646
Email: peter.liao@unc.edu
Web: otc.unc.edu

Campus office: 212 Sitterson Hall

From: UNC OTD License <license@unc.edu>

Sent: Thursday, December 2, 2021 8:35 AM

To: kevin@zeropointdynamics.com

Cc: fabian@cs.unc.edu; michelle@zeropointdynamics.com; Liao, Peter <liaopb@unc.edu>; UNC OTD License <license@unc.edu>

Subject: Notice of Breach: UNC-Zeropoint Dynamics Carolina Express License (AGR-4259)

Dear Dr. Snow,

Please be aware that Zeropoint Dynamics, LLC is in material breach of the Carolina Express Exclusive License Agreement effective October 1, 2016 and last amended August 13, 2020 between UNC-Chapel Hill and Zeropoint. The attached letter details the breach and the actions Zeropoint must take to bring the license back into compliance. The matters outlined in the letter must be addressed by January 31, 2022 to avoid termination of the agreement in accordance with Section 7.3. A copy of the license agreement as amended is attached for your reference.

Please return a signed copy of the letter to license@unc.edu to acknowledge receipt of this notice. Let us know if there are any questions.

Best,
Carmen

Carmen Melvin
Licensing Manager

THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
INNOVATION, ENTREPRENEURSHIP AND ECONOMIC DEVELOPMENT – INNOVATE CAROLINA
Office of Technology Commercialization
Campus Box 4105
109 Church Street | Chapel Hill, NC 27516
Office: 919-966-3929 | Direct: 919-962-6369 | Fax: 919-962-0646
Email: carmen.melvin@unc.edu

Follow and Connect: [Twitter](#) | [Facebook](#) | [Instagram](#) | [LinkedIn](#) | [YouTube](#) | [Podcast](#)
Web: otc.unc.edu | innovate.unc.edu

Message

From: Kevin Snow [kevin@zeropointdynamics.com]
on behalf of Kevin Snow <kevin@zeropointdynamics.com> [kevin@zeropointdynamics.com]
Sent: 2/1/2022 7:31:16 PM
To: Liao, Peter [liaopb@unc.edu]
CC: UNC OTD License [license@unc.edu]; fabian [fabian@cs.unc.edu]; michelle@zeropointdynamics.com
Subject: Re: Notice of Breach: UNC-Zeropoint Dynamics Carolina Express License (AGR-4259)

Thank you, Peter.

On Tue, Feb 1, 2022 at 2:30 PM Liao, Peter <liaopb@unc.edu> wrote:

Hi Kevin,

Thanks for sending this on. We'll need to review from the UNC side to make sure we're comfortable with the timeline you've requested before we can sign off on this. Let me discuss with our director tomorrow and get back to you.

Best regards,

Peter

From: Kevin Snow <kevin@zeropointdynamics.com>
Sent: Monday, January 31, 2022 4:44 PM
To: Liao, Peter <liaopb@unc.edu>
CC: UNC OTD License <license@unc.edu>; fabian <fabian@cs.unc.edu>; michelle@zeropointdynamics.com
Subject: Re: Notice of Breach: UNC-Zeropoint Dynamics Carolina Express License (AGR-4259)

Hi Peter,

Yes, attaching an updated word document and a signed PDF copy. See if this works on your end.

Thanks,
Kevin

On Mon, Jan 31, 2022 at 4:16 PM Liao, Peter <liaopb@unc.edu> wrote:

Hi Kevin,

Hope you had a good weekend. Any update on this? Thanks!

Peter

From: Kevin Snow <kevin@zeropointdynamics.com>

Sent: Thursday, January 27, 2022 1:38 PM

To: Liao, Peter <liaopb@unc.edu>

Cc: UNC OTD License <license@unc.edu>; fabian <fabian@cs.unc.edu>; michelle@zeropointdynamics.com

Subject: Re: Notice of Breach: UNC-Zeropoint Dynamics Carolina Express License (AGR-4259)

Peter,

Thanks. I will work on updating these and try to get them back to you by the end of the day tomorrow.

Cheers,
Kevin

On Thu, Jan 27, 2022 at 1:04 PM Liao, Peter <liaopb@unc.edu> wrote:

Hi Kevin,

I'm attaching the draft amendment that I've worked up that is based upon our last exchange -- I applied a 50% bump in royalty as we did the last time around, and all I believe we'll need to complete this is the new set of milestones from you that we discussed on our last call. Will you be able to have that to me soon? The deadline from the letter we previously sent was January 31st. Please let me know if you have any questions or would like to discuss.

Thanks,

Peter

Peter Liao

Commercialization Manager

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Web: otc.unc.edu | innovate.unc.edu

Message

From: Aikat, Deb [daikat@email.unc.edu]
on behalf of Aikat, Deb <daikat@email.unc.edu> [daikat@email.unc.edu]
Sent: 2/20/2022 1:49:17 PM
To: Fabian Monroe [fabian@cs.unc.edu]
Subject: Presidents salaries soar at public and private colleges + News updates By Nick Anderson and Susan Svrluga

I write to share, with you, links to six curated sets of news items:

~~ 1a: [Presidential pay: Executive compensation at public and private colleges](#) by Julia Piper & Brian O'Leary in the *Chronicle of Higher Education* (Feb. 15)

~~ 1b: [Explore Faculty Salaries at 3,500 Colleges, 2012-20](#) by Brian O'Leary in the *Chronicle of Higher Education* (Jan. 3)

~~ 1c: [The pay gap between UNC System employees needs change](#) by the Daily Tar Heel Editorial Board (Feb. 13)

~~ 1d: [UNC needs to pay graduate students a living wage](#) (Letter to the Editor) by Margaret Maurer in *The Daily Tar Heel* (Feb. 15)

~~ 2a: [A fourth Covid-19 shot might be recommended this fall, as officials 'continually' look at emerging data](#) by Jacqueline Howard in CNN (Feb. 19)

~~ 2b: [At the two-year mark, five key players weigh the pros and cons of NC's COVID response](#) by Ned Barnett in the *Raleigh News & Observer* (Feb. 20)

~~ 3a: [Free MasterClass during Black History Month features Nikole Hannah-Jones, Dr. Cornel West](#) by Deon Osborne in *The Black Wall Street Times* (Feb. 17)

~~ 3b: ['Critical race theory' bans frustrate teachers during Black History Month](#) by Anya Steinberg in NPR News (Feb. 19)

~~ 3c: [College faculty fight back against critical race theory bills](#) by Nick Anderson and Susan Svrluga in *The Washington Post* (Feb. 19)

~~ 4a: [Former UNC chancellor Holden Thorp says colleges need to acknowledge reality of big-time sports](#) by Lauren Brownlow in WRALSportsFan.com (Feb. 18)

~~ 4b: [Wordle — UNC's newest pandemic](#) by Hannah Kaufman in *The Daily Tar Heel* (Feb. 14)

~~ 5a: [How Sonny Perdue's ascent to chancellor went from implausible to inevitable](#) By Steve Fennessy & Jess Mador in Georgia Public Broadcasting (Feb. 18)

~~ 5b: [A Trump Cabinet Secretary Is Poised to Take Over Georgia's Public-College System](#) By Eric Kelderman in the *Chronicle of Higher Education* (Feb. 15)

~~ 5c: [Read more news items in this evolving news story](#) (Feb. 20)

~~ 6a: [Berkshire Hathaway's Charlie Munger on journalism: 'We have suffered a huge loss here'](#) by Adriana Belmonte & Michael B. Kelley (Feb. 19)

~~ 6a: [A resurrected bill troubles digital rights advocates and journalists](#) by Matthew Ingram in the *Columbia Journalism Review* (Feb. 17)

Thanks.

I hope you are staying safe in the Covid-19 pandemic.

The fine print: About this Lux Libertas ("light and liberty") update

With generous help and advice of our colleagues, I curated this Lux Libertas (“light and liberty”) update of news items to foster community.
In our commitment to nurture a civil conversation and collegial connection, I am sharing this news update with you because you lead key initiatives.

Please share this update with colleagues and your other networks.
Several folks often request me to add them to our mailing list.
If you email me (da@unc.edu), I will add you, too.

Truth be told, people enjoy reading these updates. Others may not.
If you do not wish to receive future updates, email me (da@unc.edu).

I sincerely respect your choice.

Like you, I love the law and cherish our shared spirit of free speech.
This Lux Libertas update does not reflect the official policy or position of the University of North Carolina at Chapel Hill.
The views and opinions expressed in this update are those of the authors.
Links to news items are not endorsements.

Thanks.

Cordially,



DEB AIKAT, Ph. D.

President-elect, Association for Education in Journalism and Mass Communication
Associate Professor, UNC Hussman School of Journalism and Media

University of North Carolina at Chapel Hill
374 Carroll Hall, CB # 3365
Chapel Hill, NC 27599-3365, USA
da@unc.edu | hussman.unc.edu/directory/faculty/deb-aikat



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