WELCOME TO THE I3P MONTHLY!
The Institute for Information Infrastructure Protection (I3P) is a consortium of 26 leading universities, national laboratories, and nonprofit institutions dedicated to strengthening the cyber infrastructure of the United States.

The I3P Monthly highlights the impact of I3P experts on research, policy, and practice. For more information on the I3P, see our website - thei3p.org.

CONSORTIUM NEWS

I3P BOARD OF ADVISORS

The I3P is honored to announce the addition of a Board of Advisors. This select group of highly distinguished cybersecurity leaders will work with the executive director and executive committee to strategically guide the research agenda of the I3P and facilitate the sustained global impact of our work. Inaugural board members include:

Roberta G. (Bobbie) Stempfley, Chair
Director, CERT Division, Carnegie Mellon University Software Engineering Institute

Bobbie Stempfley joined the Carnegie Mellon University Software Engineering Institute as director of the SEI's CERT Division in June 2017. Stempfley previously served as director of cyber strategy implementation at MITRE Corp. and as acting assistant secretary and deputy assistant secretary, Office of Cyber Security and Communications, Department of Homeland Security. In addition to her work at DHS, Stempfley previously worked in the DoD as CIO of the Defense Information Systems Agency and as chief of the DoD Computer Emergency Response Team, which she established. Stempfley received her bachelor's degree in engineering mathematics from the University of Arizona and her master's degree in computer science from James Madison University.

Daniel Garrie, Esq.
Managing Partner, Law & Forensics
Co-Head, Cybersecurity Practice, Zeichner Ellman & Krause (ZEK) LLP

Mr. Garrie is the managing partner of Law & Forensics, and co-head of ZEK's Cybersecurity Practice where he coordinates the firm's privacy, forensics and e-discovery practices. Daniel Garrie is one of the most sought-after cyber security and e-discovery experts in the country having advised federal and state judges. Mr. Garrie's unique technical skills allows the Cybersecurity Practice to provide unparalleled substantive assistance to clients before, during and after Cybersecurity breaches. In addition, Mr. Garrie has written over 100 articles on legal and technology topics and has lectured to the bench and bar all over the United States. Mr. Garrie holds a Bachelor's and Master's in computer...
science. Prior to joining the practice of law, Mr. Garrie built and sold several technology start-up companies. With an affinity for building start-ups and shaping a leadership team, Daniel is an active advisor and board member for a number of different companies, including Get.it, Norse Corp, and Eccentex.

**Renee Forney**  
*CEO, Forney Group LLC*  
*Executive Managing Director Global Cyber Security Management, Equinoxys Inc.*

Mrs. Forney is currently the CEO of the Forney Group LLC, a strategic consulting firm focusing on Enterprise Risk Management, Cyber Threat Intelligence and Cyber Workforce, as well as the Executive Managing Director of Global Cyber Security Management at Equinoxys Inc. Mrs. Forney previously served as Deputy Chief Information Officer (DCIO) for Cybersecurity and Enterprise Operations, where she was responsible for managing the Department of Energy’s (DOE) Enterprise Cybersecurity Program and IT Infrastructure; advising Departmental senior officials on integrating cybersecurity; risk management; and implementing enterprise information resources management across the DOE. Mrs. Forney provided executive-level guidance for the interagency on cybersecurity initiatives; including the White House's Cybersecurity National Action Plan, the Defense Industrial Base Sector (for information safeguarding and critical infrastructure protection) and the NICE Interagency Coordinating Council lead by the NIST. Prior to DOE, Mrs. Forney was the Department of Homeland Security's (DHS) Executive Director for the Cyber Skills Management Support Initiative. Mrs. Forney holds a Bachelor of Science from DeVry University and a Master of Science in Engineering Management from George Washington University. She also holds an honorary Doctorate Degree of Science and Technology from Champlain College. She was also named a 2016 Women of Influence by SC Magazine and ACT-IAC Igniting Innovation award winner.

**I3P WELCOMES NEW SENIOR FELLOW FOR CYBER LAW AND POLICY**

The I3P welcomes **Ms. Rhea Siers** as I3P Senior Fellow for Cyber Law and Policy. In this role, Ms. Siers will focus on legal and policy issues relating to critical infrastructure and data protection by augmenting I3P's multidisciplinary approach to cybersecurity issues. Ms. Siers is currently a Senior Expert in Cybersecurity for the Risk Assistance Network and Exchange (RANE) and she is co-author of "Cyberwarfare: Understanding the Law, Policy and Technology" (Thomson Reuters). Ms. Siers worked in the Intelligence Community for 30 years, and served as the Deputy Associate Director for Policy at the National Security Agency.

**I3P WEBINAR: Preventing Zero-Day Exploits of Memory Vulnerabilities with Guard Lines**
presented by Rachel Stonehirsch (Johns Hopkins University, Applied Physics Laboratory) discussed a new hardware-based memory corruption detector called Guard Lines. Researchers at the Johns Hopkins University Applied Physics Laboratory invented the Guard Lines concept in April 2014 in response to the Heartbleed attack on the OpenSSL library. Listen here and register below for the next i3P webinar: Cybersecurity Response as a Public "Health" Problem.

ADVISOR AND EXECUTIVE DIRECTOR FEATURED IN SC MAGAZINE'S 2017 WOMEN IN IT SECURITY

The 4th annual SC Magazine Women in IT Security feature celebrates some of the "most noteworthy achievers" in the field. i3P executive director, Diana Burley was recognized as one of 8 Woman to Watch. i3P advisory board member, Bobbie Stempfley was named one of 5 Influencers.

EXECUTIVE DIRECTOR DIANA BURLEY HONORED WITH Outstanding Educator Leadership Award from SC Media August 2017

Dr. Diana Burley is one of the honorees named in the Outstanding Educator category unveiled in the inaugural SC Media Reboot Leadership Awards. Designed and launched to showcase and acknowledge industry luminaries who are positively impacting and advancing the cybersecurity arena.

"Dr. Diana Burley exemplifies leadership in one of the most vibrant and fast-evolving industries today," said Teri Robinson, executive editor, SC Media. "That's what this awards program is all about - highlighting some of the strongest leaders of the cybersecurity arena whose efforts more often than not underpin every business and leisure activity we all undertake online nowadays. The advances made in this marketplace to protect data, privacy and people are vital to all that we do."
I3P MEMBER HIGHLIGHTS

**MITRE Blog Post:** Building a National Cyber Information-Sharing Ecosystem, *Bruce Bakis* (MITRE) and Eddie Wang. Details [here](#).

*Michael Mylrea* (George Washington University Cyber Corps Doctoral Candidate and Pacific Northwest National Laboratory - PNNL) is the principal investigator for a newly awarded Department of Energy (DOE) project to "develop blockchain cybersecurity technology to help secure distributed energy resources at the grid's edge," increasing the trustworthiness and integrity of complex energy exchanges. Press release details are [here](#).

*Sean Piesert* (Lawrence Berkeley National Laboratory) is the principal investigator on the recently awarded project to develop tools to protect the electrical grid. Details [here](#).

*Rhea Siers* (George Washington University) published "*Hackers of All Stripes Set Sights on Shipping Industry*" in The Cyber Brief.

*Diana Burley* (George Washington University) published the essay "*Securing the Mosaic: Strategies for Strengthening Enterprise Cybersecurity*" in CommPro.Biz. She also presented at ISSA International Women in Security Special Interest Group (WIS SIG) webinar on "The Increasingly Complex Critical Infrastructure Protection Landscape." The [recording](#) and [slides](#) are available.

UPCOMING EVENTS

*Cybersecurity Policy in the European Union: Implications for Global IT Transformation*

October 19, 2017 | National Press Club | Washington, DC

**Featured speaker:** Dr. Paul Timmers  
(*fmr.*) European Commission Director for Digital Society, Trust & Cybersecurity

with US Perspectives by  
Dr. Greg Shannon, CMU SEI and Dr. Doug Maughan, DHS
I3P Webinar Series: Cybersecurity Response as a Public "Health" Problem  
Friday, October 20, 2017 12PM ET | Register Here!

John Bay (Binghamton University) is presenting Cybersecurity Response as a Public "Health" Problem. John Bay is the Associate Dean for Research and Graduate Studies, as well as a Professor of Electrical and Computer Engineering, at the Watson School for Engineering and Applied Science.

These complimentary 30 minute webinars, held at noon ET on the 3rd Friday of each month, provide a relaxed forum through which I3P experts share state-of-the-art research on topics of importance to securing cyber infrastructure.

Upcoming Speakers (2017):

- November 17: John Springer (Purdue University)
- December 15: Jennifer Cowley (DoD)

Upcoming Speakers (2018):

- January 19: Karim Eldefrawy (SRI International)

*Do you want to provide your staff or clients with exclusive learning opportunities lead by global cybersecurity experts?  
Contact us to discuss partnership opportunities!

More information on the I3P is available here. Contact us at thei3p@gwu.edu to discuss opportunities to engage with I3P subject matter experts.