NATIONAL CYBERSECURITY RESEARCH DIRECTIONS PANEL

ACSAC 2021

Daniel P. Faigin, Moderator

JEREMY EPSTEIN

- Jeremy Epstein is lead program officer for the National Science Foundation Secure and Trustworthy Cyberspace (SaTC) program, NSF's flagship cybersecurity program. He's also president of ACSA, the sponsor of this conference; founder/director of Scholarships for Women Studying Information Security (SWSIS), an ACSA activity; and chair of the ACM US Technology Policy Committee.

ROBINSON PINO, PH.D.

- Program Manager, Office of Science
- Advanced Scientific Computing Research
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- Dr. Pino's basic research and development portfolio focuses on emerging computing technologies that include advanced wireless, microelectronics, edge computing, cybersecurity, neuromorphic computing, and artificial intelligence. Dr. Pino has experience in government, industry, and academia.

MARTIN STANLEY, CISSP

- Branch Chief for Strategic Technology at the Cybersecurity and Infrastructure Security Agency (CISA)

- In this role, Martin oversees the execution of the CISA Research and Development portfolio. Martin previously led the Cybersecurity Assurance Program at CISA and the Enterprise Cybersecurity Program at the U.S. Food and Drug Administration. Prior to his federal service Martin held executive leadership positions at Vonage and UUNET Technologies. Martin is co-author of Digital Health: Understanding the Benefit-Risk Patient-Provider Framework, published by Oxford University Press (March, 2021).

CHESTER "CJ" MACIAG

- Director for Cyber Science and Technology Research within the Office of the Undersecretary of Defense for Research and Engineering (OUSD(R&E)).

- Leads and manages more than $550 million per year in basic, applied, and advanced cyber science and technology for the Department

- Performs forward looking studies to identify future all-domain capability demand signals, and how they translate into cyber technology gaps for priority investment.

- Coordinates on a wide variety of issues pertaining to cyber technology development, assessment, and protection.

- Previously, was the Acting Principal Director for Cyber in the Office of the Defense Director for Research and Engineering Modernization, where he was responsible for making investment and policy recommendations for the $4B annual cyber research, development, test, and evaluation (RDT&E) portfolio. Prior, he served as Acting Director, Command, Control, Communication, Computers, Cyber, Intelligence, Surveillance, Reconnaissance, and Electromagnetic Warfare (C5ISREW) office, where he provided scientific leadership, management oversight, policy guidance, and coordination for the more than $2 billion per year in related Defense Agency programs.

WILLIAM NEWHOUSE

- Cybersecurity Engineer at the National Cybersecurity Center of Excellence (NCCoE) in the Applied Cybersecurity Division in the Information Technology Laboratory at the National Institute of Standards and Technology (NIST).

- His work pushes for the adoption of his collaborative work on three practice guides which demonstrate cybersecurity implementations focused on cybersecurity risk in the Hospitality, Retail, and Federal sectors. These projects rely on insight and passion from members of these sectors who share a common goal of addressing cybersecurity risk by demonstrating that commercially available technologies can be configured to improve the ability of sectors to address cyber risk.

- In October 2020, he began a cybersecurity collaboration with the U.S. Department of Energy to research and develop cybersecurity risk management tools for the storage, transportation, and handling of energy resources within the ports of our maritime transportation system. His focus at the NCCoE also includes the financial services sector.

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