

NIST/EAC Future of Voting Systems Symposium – February 26-28, 2013
Panel: “Web-Based Technologies Supporting Elections”

ABSTRACT: This panel will focus on the recent development and implementation of web-based technologies in elections. This discussion will focus on electronic ballot delivery, online voting and online voter registration.

Moderator: David Wagner is Professor of Computer Science at the University of California at Berkeley, with expertise in the areas of computer security and electronic voting. He has published over 100 peer-reviewed papers in the scientific literature and has co-authored two books on encryption and computer security. His research has analyzed and contributed to the security of cellular networks, 802.11 wireless networks, electronic voting systems, and other widely deployed systems. He is a member of the Election Assistance Commission's Technical Guidance Development Committee and a founding member of the ACCURATE center.

Helen Purcell, Maricopa County Recorder, Maricopa County, Arizona

Linda H. Lamone was appointed by the Governor to be the State Administrator of Elections on July 1, 1997. Ms. Lamone has a Juris Doctorate with high honors from the University of Maryland, School of Law. She has served as an Assistant Attorney General for several Maryland State Agencies, as Special Counsel to the Lt. Governor of Maryland and was in private practice of law.

As the State Election Administrator, Ms. Lamone, by statute, was charged with maximizing the use of technology in election administration including the development and implementation of a statewide voter registration system, a uniform statewide voting system and a candidate, election management and campaign finance program for the State of Maryland. Recently, Ms. Lamone led Maryland in its implementation of on-line voter registration for the 2012 general election.

Ms. Lamone serves on the U.S. Election Assistance Commission's Advisory Board and Technical Guidelines Development Committee and the Executive Committee of the National Association of State Election Directors. She is also Chairman of the Attorney Grievance Commission of Maryland and Chair of the Character Committee for the Fifth Appellate Circuit.

Jeremy Epstein is Senior Computer Scientist with SRI International, currently on loan to the National Science Foundation. With over 25 years' experience in computer and information security, he is an internationally recognized expert in the field. His specialties include voting systems security and software security. In the voting area, he has been a consultant to the Kentucky Attorney General, an appointed member of two Virginia legislative commissions, and has provided expert advice to the DC City Council, Federal Voting Assistance Program, and Election Assistance Commission. In 2012, he was appointed as the IEEE representative on the Election Assistance Commission's Technical Guidelines Development Commission (TGDC), which sets US standards for voting systems, and in 2013 was appointed to the Fairfax County Bi-Partisan Election Process Improvement Commission by Chairman of the Board of Supervisors Sharon Bulova. Mr. Epstein has published dozens of articles in peer-reviewed conferences and magazines, holds two patents, is recognized for his service in organizing numerous

professional conferences, and is associate editor in chief of IEEE Security & Privacy magazine, the leading magazine in the field. Mr. Epstein was co-founder of Virginia Verified Voting, and is a member of the advisory board for Verified Voting Foundation, Inc. He holds an MS in Computer Sciences from Purdue University and completed all coursework for a PhD in Information Technology from George Mason University.

Paul Lux, an Army veteran, came to the elections office in 1999, serving in various capacities until he was elected Supervisor of Elections in 2008. He has worked with the Federal Voting Assistance Program (FVAP), the US Election Assistance Commission (EAC), the National Institute of Standards and Technology (NIST), and the Florida Secretary of State and Division of Elections to improve voting processes and technological alternatives for military and overseas voters. He has been deeply involved in research to improve voting for absentee military and overseas voters. He has participated in: the Voting Over the Internet (VOI) Project (2000), the Secure Electronic Voting and Registration Experiment (SERVE)(2004), the Okaloosa Distance Balloting Pilot (ODBP) Project (2008), and an electronic ballot delivery project (2010). Paul currently heads a consortium of 13 Florida Counties known collectively as Our Mission: Your Vote, a project being conducting under the EASE Grant from FVAP.