

# **Fundamentals of Standards and Conformity Assessment for Government Agencies**

**June 23, 2016**

## **SPEAKER BIOS**

### **David Alderman**

David Alderman leads standards coordination and conformity activities within Standards Services, Standards Coordination Office at NIST. He addresses NIST's responsibilities under the National Technology Transfer and Advancement Act (NTTAA) which calls for NIST to coordinate Federal, State, and local technical standards activities and conformity assessment activities, with the private sector, with the goal of eliminating unnecessary duplication and complexity.

Prior to that, David was with the National Voluntary Laboratory Accreditation Program (NVLAP) for 14 years. He initially served as the Program Manager for NVLAP's largest program, where he was responsible for the accreditation of over 600 asbestos testing laboratories. In 1994 he was named the Deputy Chief of NVLAP responsible for managing the day-to-day operations while also serving as the Program Manager for NVLAP's Fasteners and Metals Program. In October of 1999, he was named the Chief of NVLAP.

### **Clare Allocca**

Clare Allocca is the Senior Advisor for Planning and Outreach in the Standards Coordination Office (SCO) at the National Institute of Standards and Technology (NIST). She is focused on using her measurement and standards needs assessment expertise to maximize the customer impact of SCO tools and services. She is also the Administrator of the US TAG to ISO/TC276 Biotechnology, and the Secretary of ISO/TC276/WG3 Analytical Methods.

Clare's previous positions at NIST include Chief of the US Measurement System Office, Director of the Foundations for Innovation program, Senior Scientific Advisor to the NIST Material Science and Engineering Laboratory, and Program Manager for Advanced Materials and Manufacturing in the Advanced Technology Program. She has 28 years of experience in the conduct of advanced materials and manufacturing, surface

engineering, standards, and measurement technology R&D; program management; strategic planning; customer engagement; and process development/implementation.

Clare holds Bachelor of Science Degrees in Materials Science and Engineering and Geochemistry from the Massachusetts Institute of Technology; a Master of Science Degree in Ceramic Engineering from the University of Illinois at Urbana-Champaign; and an Executive Master of Science Degree in the Management of Technology from the University of Pennsylvania (Wharton Business School / School of Engineering). She also holds a Project Management Professional (PMP) certification. Before joining NIST, she was a Senior Materials Engineer for Pratt & Whitney, engaged in the development of advanced ceramic composites for jet engines.

### **Mary Jo DiBernardo**

Ms. DiBernardo is responsible for the management, design, development, and delivery of the Standards Services standards and conformity assessment training program for government agencies. She also manages the Standards Services Curricula Development Cooperative Agreement Program, which provides support for the development of undergraduate and graduate curriculum designed to integrate standards and standardization information and content into courses, seminars, and learning resources.

Prior to this, Ms. DiBernardo was responsible for NIST's implementation of the U.S.-EU Mutual Recognition Agreement (MRA) for Electromagnetic Compatibility and Telecommunications Equipment and the Organization of American States Inter-American Telecommunications Commission MRA. She also served as the NIST lead for negotiating the U.S.-Japan MRA for Telecommunications Equipment. She worked extensively under the National Voluntary Conformity Assessment System Evaluation Program on NIST's recognition of U.S. accreditation bodies and has been trained as an ISO 9001 Lead Assessor. Before joining NIST, Ms. DiBernardo was the Director for Conformity Assessment at ACIL, the American Council of Independent Laboratories. She represented the laboratory community on issues involving testing, certification, and accreditation.

Ms. DiBernardo has a MPA and BA from the State University of New York at Albany, a certificate in International Studies from the Johns Hopkins University School of Advanced International Studies, and a certificate in Negotiation and Dispute Resolution from Georgetown University's Center for Professional Development. Ms. DiBernardo was the first recipient of the American National Standards Institute's Next Generation Award in 2004 and graduated from NIST's Building the Next Generation leadership program in 2006.

## **Mary Donaldson**

Ms. Donaldson serves as the NIST contact for standards-related issues arising out of the National Technology Transfer and Advancement Act (NTTAA) and OMB Circular A-119. She is responsible for preparing the annual report to OMB on use of voluntary consensus standards in government procurement and regulation, and serves as Executive Secretary for the Interagency Committee on Standards Policy (ICSP). Ms. Donaldson is responsible for the content of a government web portable that supports the use of standards in government ([www.standards.gov](http://www.standards.gov)). She serves on the ANSI Executive Standards Council, the ANSI Government Member Forum and represents NIST to the ANSI ISO Council.

Prior to joining NIST, Ms. Donaldson was a Senior Economist at the U.S. Consumer Product Safety Commission (CPSC) where she conducted regulatory analyses of proposed Commission actions. Ms. Donaldson began her career with the US Army Laboratory Command where she served as the agency project manager for a program which evaluated foreign developments in science and technology. Ms. Donaldson received her BS in Agronomy and MS in Agriculture and Resource Economics from the University of Maryland.

## **Gordon Gillerman**

Gordon Gillerman, Director, Standards Coordination Office at the National Institute of Standards and Technology (NIST) leads NIST's work in standards coordination including the National Voluntary Laboratory Accreditation Program. Gordon coordinates and advises federal agencies and other stakeholders on standards and conformity assessment policy. The Standards Coordination Office is the NIST focal point for federal government standards coordination, administers the NIST Standards Curricula Development Cooperative Agreement Program, operates the U.S. Inquiry Point for the World Trade Organization's Technical Barriers to Trade Agreement and is a key information source for US industry on standards related market access issues. Gordon leads NIST's work with federal agencies to develop standards and conformity assessment policy and programs

Gordon has extensive standards experience across a wide range of critical issues including homeland security, safety, health and protection of the environment. Gordon is an expert on conformity assessment systems system design and a sought after lecturer on standards, conformity assessment and regulation and their nexus with regulatory and trade issues and. Gordon has collaborated across the standards

community to enhance health, safety, the environment and security throughout his career.

Prior experience includes leading government affairs for the largest U.S. product safety certification and standard development organization, Underwriters Laboratories (UL) in Washington, DC, and Staff Engineer for the medical device and information technology sectors at UL's Northbrook, IL headquarters.

Gordon has worked collaboratively within the standards community to enhance health, safety, the environment and security throughout his career. In 2008 he received an Environmental Protection Agency Gold Medal, a Department of Commerce Bronze Medal and the ANSI Meritorious Service Award. In 2010 Gordon received a Department of Commerce Gold Medal for leadership in enhancing the performance standards and certification program for law enforcement body armor and EPA's Award for Outstanding Leadership in Collaborative Problem-Solving for his work in guiding the development of a Green Clean-Up standard. In 2012 Gordon received the ANSI Gerald H. Ritterbusch Conformity Assessment Medal. In 2013 he received the Department of Commerce Silver Medal for leadership in opening access to China's compulsory certification system to U.S. certification organizations. Gordon is also a Society of Standards (SES) Professionals Fellow.

Gordon received a Bachelor's Degree BSEET from Bradley University in Peoria, IL.

## **Jeff Grove**

Jeff Grove is the Vice President for Global Policy and Industry Affairs at ASTM International, one of the largest standards and technical information providers in the world. Jeff directs ASTM's government affairs and communications functions and is responsible for worldwide interactions with regulators, trade negotiators, and industry and business associations to advance standards policies that promote global competitiveness, productivity, and commerce.

Prior to joining the staff of ASTM International in 2004, Jeff was the Director of Public Policy at the Association for Computing Machinery. From 1993 to 2001, he held several staff positions in the U.S. Congress - including serving as Staff Director for the House Committee on Science and Technology with jurisdiction for federal standards policy, authorization of the National Institute of Standards and Technology, industrial competitiveness programs, technical barriers to trade, and international scientific and technical cooperation agreements.

Jeff has a Bachelor of Science degree from the University of Wisconsin (La Crosse) and a Master's degree in International Commercial Policy from George Mason University. He completed the 2002 Oxford Summer Residence Programme in Globalization and Trade at St. Peter's College, University of Oxford, United Kingdom.

## **Dain Hansen**

Dain Hansen is currently the Senior Vice President for Government Affairs at the IAPMO Group, a nearly 100-year old code development and conformity assessment organization. In this role, he oversees IAPMO's domestic and international policy. He also serves as Chair of the High-Performance Building Coalition, a private-sector organization made up of nearly 200 entities from the building industry.

He began his career on Capitol Hill working for a senator from his home state of Oregon. After several years at the United States Senate, Dain furthered his political experience by working on a highly contested congressional campaign receiving national recognition. Upon conclusion of the congressional campaign, Dain returned to Capitol Hill, but this time with the U.S. House of Representatives. In this role, he worked for a member of congress in House leadership and a senior member the Appropriations Committee. Dain oversaw funding levels for the Department of Commerce, Department of Interior, the Environmental Protection Agencies and the Department of Energy. He also provided expert guidance on federal water, energy and environmental policies. After his tenure of on Capitol Hill, Dain joined the National Electrical Manufacturers Association (NEMA) to oversee energy policy, and advocated on behalf of some of the nation's largest manufacturers on issues such as smart grid standardization.

## **George Percivall**

George Percivall is an accomplished leader in geospatial information systems and standards.

As Chief Engineer and CTO of the Open Geospatial Consortium (OGC), he is responsible for the OGC Interoperability Program and the OGC Compliance Program. His roles include articulating OGC standards as a coherent architecture, as well as addressing implications of technology and market trends on the OGC baseline.

Prior to joining OGC, Mr. Percivall was Chief Engineer with Hughes Aircraft for NASA's Earth Observing System Data and Information System (EOSDIS) - Landsat/Terra release; Principal engineer for NASA's Digital Earth Office; and represented NASA in

OGC, ISO and CEOS. He was Director of the GST's Geospatial Interoperability Group. Previously, he led developments in Intelligent Transportation Systems with the US Automated Highway Consortium and General Motors Systems Engineering including the EV1 program. He began his career with Hughes as a Control System Engineer on GOES/GMS satellites.

He holds a BS in Engineering Physics and an MS in Electrical Engineering from the University of Illinois - Urbana.

### **Erik Puskar**

Erik Puskar leads global standards information activities within Standards Services, Standards Coordination Office at NIST.

Erik provides technical information related to standards and supports Federal agencies by monitoring developments in standards and conformity assessment internationally. Erik also leads SSG's impact analysis efforts of voluntary consensus standards as well as NIST's efforts on education about standardization. He is a member of the ANSI Committee on Education and represents NIST on the International Cooperation for Education about Standardization (ICES).

In addition to standards, he has experience in the fields of information technology, funding innovative high-risk technology and fiscal affairs/taxation. Previous to SSD, Erik was a program manager with the Advanced Technology Program (now Technology Innovation Program) of NIST and has held other positions with the U.S. Government, international development organizations, and consulting.

Erik holds a degree in Economics from Rutgers University and a Master's Degree in Public Management and Policy from Carnegie-Mellon University.

### **Cassy Robinson**

Cassy Robinson is a physical scientist in the National Institute of Standards and Technology (NIST) Standards Coordination Office. She is responsible for leading the development of documentary standards and standards-related policy activities and coordinating with NIST technical units, other federal agencies, industry, and other stakeholders in the development of standards/conformity assessment needs and requirements.

Prior to joining NIST, she was a Program Manager with the Department of Energy's Savannah River National Laboratory. For the previous 5 years, she served as the standards and conformity assessment lead for the National Institute of Justice's Standards and Testing Program and supported development of performance standards for public safety equipment.

She works with the ASTM International, E54 Committee on Homeland Security Applications as the Vice Chair for E54.04, Personal Protective Equipment Subcommittee, and serves as the Federal co-chair for the Standards Coordination Subgroup of the InterAgency Board for Equipment Standardization and Interoperability.

She has a Bachelor of Science in Electrical Engineering from Clemson University and a Master of Science in Industrial and Systems Engineering from the University of Alabama.

### **Frances E. Schrotter**

Fran Schrotter is Senior Vice President and Chief Operating Officer at the American National Standards Institute (ANSI). In this position, she has primary responsibility for the Institute's activities supporting and facilitating the participation of U.S. interests in domestic, regional, and international standardization activities.

Ms. Schrotter works closely with government agencies and public-sector stakeholders to explore how the private sector can assist in addressing their standardization needs. In addition, she collaborates with the ANSI constituency and other affected interests to identify the need for new standards and conformance programs and works with these groups to facilitate their timely implementation.

Her role encompasses management of the ANSI administrative operations, including communications, education and training services, and human resources, as well as overseeing the Institute's cross-stakeholder forums for homeland defense and security, nanotechnology, electric vehicles, energy efficiency, smart cities, and additive manufacturing. Ms. Schrotter also oversees ANSI's Committee on Education, as well as training for U.S.-held secretariats to the International Organization for Standardization (ISO) and U.S. Technical Advisory Group (TAG) administrators.

Since joining ANSI in 1976, Ms. Schrotter has worked with numerous domestic and international committees developing standards in dozens of industries, including the information technology standards arena, where she served as the first international secretariat of the ISO/IEC Joint Technical Committee 1 on Information Technology.

Ms. Schrotter was born and raised in New York City.

## **Henry Wixon**

Henry Wixon became Chief Counsel for the National Institute of Standards and Technology (NIST) of the U.S. Department of Commerce in 2009. The Office of the Chief Counsel for NIST advises the agency in programmatic matters including Cooperative Research and Development Agreements (CRADAs), Interagency Agreements, Material Transfer Agreements, Nondisclosure Agreements and patenting. In addition, Mr. Wixon's office has significant responsibility for Department of Commerce regulations implementing the Bayh-Dole and Stevenson-Wydler Acts, and for appeals under Executive Order 10096 of Employee Rights Determinations from all Federal agencies.

In his role as Chief Counsel, Mr. Wixon is actively involved in issues at the intersection of intellectual property rights and standards, and represents NIST as an ex officio member of the Intellectual Property Rights Policy Committee of the American National Standards Institute.

Prior to joining NIST, Mr. Wixon was a partner with the law firm of Wilmer Cutler Pickering Hale and Dorr LLP in Washington, DC. In over twenty years in private practice as a registered patent attorney and intellectual property specialist, Mr. Wixon developed and implemented worldwide patent acquisition, defense and enforcement strategies for domestic and international clients. In addition to extensive patent litigation, he conducted intellectual property due diligence for M&A, IPO, and VC and Angel funding, and counseled industry and academic clients in all aspects of technology transfer.

Mr. Wixon was awarded his J.D. degree from George Washington University, where he was a member of The George Washington Law Review. He holds a B.S. degree in zoology with a minor in chemistry and a M.S. degree in neuropharmacology from the University of Maryland, College Park.

A Certified Licensing Professional, Mr. Wixon is a past Chair of the Maryland Chapter of the Licensing Executives Society, USA and Canada (LES). He has been a member of the LES Professional Development Series (PDS) Faculty for many years, teaching fundamental, intermediate and advanced PDS courses.