

Speaker Bios

David Alderman

David is the Group Leader for the Standards Coordination and Conformity Group at NIST. This Group's mission is to carry out 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.

Bert M. Coursey

Dr. Coursey, Program Manager, Coordinated National Security Standards Program, at the Department of Commerce's National Institute of Standards and Technology (NIST), received his B.S. degree in Chemistry in 1965, and the Ph.D. in Physical Chemistry in 1970, from the University of Georgia. He served as an Officer in the U.S. Army in 1969 - 1971 in the Army Engineer Reactors Group at Fort Belvoir, VA. He joined the National Institute of Standards and Technology (NIST) (formerly the National Bureau of Standards) in 1972 and for the following 15 years worked on radioactivity standards for environmental radioactivity and nuclear medicine. More recently he has held management positions in radiation dosimetry and served as Chief of the Ionizing Radiation Division in the NIST Physics Laboratory. Dr. Coursey is the coordinator for NIST National Security programs. He is a recipient of the Bronze (1987) Silver (1997) and Gold (2002) Medals of the Department of Commerce, past president of the International Committee for Radionuclide Metrology, and past president of the NIST chapter of Sigma Xi. He is a Fellow of the American Association of Physicists in Medicine. Dr. Coursey has ninety publications on radioactivity standards and applied radiation dosimetry. Dr. Coursey has served for 30 years as editor of the journal *Applied Radiation and Isotopes*.

Since March 1, 2003, Dr. Coursey has been on assignment to DHS as Director for Standards in the Test & Evaluation and Standards Division in the Science & Technology Directorate, Department of Homeland Security. In 2004 he was appointed the Standards Executive for the Department. His office is responsible for the design and implementation of a national program for standards for homeland security. A partial listing of the DHS standards projects underway includes performance standards and testing and evaluation protocols for personal protective and operational equipment, chemical and biological detectors for emergency responders, explosives detection equipment, and performance standards for information technology (IT) to include credentialing, biometrics and cyber security.

Jorrit de Jong

Jorrit de Jong is an expert in standards simulation exercises and in the political and economic aspects of standardization. Mr. De Jong is a resident research fellow at the Ash Institute for Democratic Governance and Innovation at the Harvard Kennedy School and a senior lecturer at Vrije Universiteit in Amsterdam. His research, teaching and consultancy focus on innovation in the public sector, and he has published books and articles on change management, innovation and public service delivery. Mr. De Jong has developed and delivered numerous executive education programs on innovation, negotiation, cross-sectoral collaboration, democratic governance, public management and leadership. He is a seminal figure in the field of simulation exercises and has moderated and facilitated simulation exercises for over 250 government organizations and universities around the globe over the past 10 years. His simulation exercise for standardization has received acclaim from leading experts in the industry, distinguished scholars of standardization and standards management organizations. Mr. De Jong has contracted with NIST in the past as a trainer, moderator and simulation expert. His broad experience in this highly specific area, where didactic theory meets standards management, is invaluable.

Pat Gallagher

Dr. Patrick D. Gallagher was confirmed as the 14th Director of the U.S. Department of Commerce's National Institute of Standards and Technology (NIST) on Nov. 5, 2009. Gallagher provides high-level oversight and direction for NIST. The agency promotes U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology. NIST's FY 2010 resources include \$856.6 million from the Consolidated Appropriations Act of 2010 (Public Law 111-117), \$49.9 million in service fees, and \$101.5 million from other agencies. The agency employs about 2,900

scientists, engineers, technicians, support staff, and administrative personnel at two main locations in Gaithersburg, Md., and Boulder, Colo.

Gallagher had served as Deputy Director since 2008. Prior to that, he served for four years as Director of the NIST Center for Neutron Research (NCNR), a national user facility for neutron scattering on the NIST Gaithersburg campus. The NCNR provides a broad range of neutron diffraction and spectroscopy capability with thermal and cold neutron beams and is presently the nation's most used facility of this type. Gallagher received his Ph.D. in Physics at the University of Pittsburgh in 1991. His research interests include neutron and X-ray instrumentation and studies of soft condensed matter systems such as liquids, polymers, and gels. In 2000, Gallagher was a NIST agency representative at the National Science and Technology Council (NSTC). He has been active in the area of U.S. policy for scientific user facilities and was chair of the Interagency Working Group on neutron and light source facilities under the Office of Science and Technology Policy. Currently, he serves as co-chair of the Standards Subcommittee under the White House National Science and Technology Council.

Gordon Gillerman

Gordon Gillerman is the Chief of the Standards Services Division in Technology Services at the National Institute of Standards and Technology (NIST). Gordon has extensive experience in coordinating standards policy and development across a wide range of sectors critical to the US including homeland security, safety, health and protection of the environment.

Gordon has been the NIST lead in designing and implementing conformity assessment programs as well as assisting in the development of performance standards to meet other federal agency and industry needs and fulfill NIST's role in coordinating standards and conformity assessment in the US. Gordon is the Public Sector Co-Chair of the American National Standards Institute's (ANSI) Homeland Security Standards Panel, a member of the Toy Industry Association, Toy Safety Certification Program's Oversight Council and a sought after lecturer on standards, conformity assessment and regulation.

Previous positions include leading government affairs for the largest US 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 Gordon received an Environmental Protection Agency

Gold Medal. He has also received a Department of Commerce Bronze Medal and the ANSI Meritorious Service Award for his work in standards and conformity assessment.

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

Pat Harris

Pat Harris joined the Standards Services Division as a Technical Information Specialist in 2006. Prior to joining NIST Pat had extensive experience in the standards development arena at the national and international levels including the management of a nationally accredited standards setting organization and management of an ISO Subcommittee and the U.S. Technical Advisory Group to an ISO Technical Committee. Pat has been a member of the ANSI Executive Standards Council and is active in the American Library Association and Special Libraries Association. She is a graduate of the University of North Carolina- Chapel Hill.

Ajit Jillavenkatesa

Dr. Ajit Jillavenkatesa is a Senior Standards Specialist with the Global Standards and Information Group (GSIG) at the National Institute of Standards and Technology (NIST). Ajit is currently on assignment in the NIST Program Office, within the Office of the NIST Director.

Ajit specializes in tracking and analyzing standards and conformity assessment related policy issues in South Asia, Asia-Pacific and the Mid East Asia regions. His primary responsibilities include providing standards and conformity assessment related policy and technical expertise to customers at NIST, the U.S. Department of Commerce, other US Government agencies and the private sector. He thus interacts extensively with standards experts in addressing the role of standards and conformity assessment in enabling trade and commerce, and the manifestation of standards and conformity assessment procedures as technical barriers to trade.

Dr. Jillavenkatesa also participates in international standards development activities in emerging areas such as radio-frequency identification (RFID) and nanotechnology. Ajit contributes documentary standards and conformity assessment expertise to intra- and inter- governmental groups, bridging the worlds of standards, international trade and regulatory policy.

Dr. Jillavenkatesa is a materials scientist by training, having joined NIST in 1997, with a Ph.D. in Ceramics from Alfred University in New York. He has authored and co-

authored books and peer reviewed publications related to physical and chemical characterization of materials. He received the American National Standards Institute's Next Generation Award in 2008.

Ileana Martinez

Ileana Martinez is International Affairs Advisor, Standards Services Division at the U.S. National Institute of Standards and Technology (NIST).

She also serves as International Affairs Advisor to the National Voluntary Laboratory Accreditation Program (NVLAP) at NIST and is Vice Chair of the Inter American Accreditation Cooperation (IAAC).

Ms. Martinez has expertise in the U.S. approach to standards, regulations, conformity assessment, laboratory accreditation, as well as in the National Technology Transfer and Advancement Act (Public Law 104-96), U.S. trade obligations under the World Trade Organization (WTO) Technical Barriers to Trade Agreement (TBT), the U.S. Inquiry Point, and related topics.

From 1996 through 2000, Ms. Martinez served as the NIST Regional Standards Attaché at the U.S. Embassies in Buenos Aires, Argentina and in Brasilia, Brazil, with standards-related responsibilities for South America, seeking to reduce technical barriers to trade in the region. Ms. Martinez earlier worked as a Standards Engineer in a variety of industrial sectors for both U.S. and overseas organizations gaining hands-on experience in national, regional and international standardization and conformity assessment activities.

Ms. Martinez earned a bachelor degree in Mechanical Engineering from the Catholic University of America in Washington, D.C. and did graduate work at American University in Washington, D.C. in Science/Technology Policy.

Ramona Saar

Ramona Saar serves as the Program Manager for the NVCASE (National Voluntary Conformity Assessment Systems Evaluation) Program administered by NIST within the Standards Services Division of Technology Services. In this capacity, Ramona works directly with U.S. accreditation bodies seeking to be evaluated and recognized by NIST/NVCASE for compliance with ISO/IEC 17011 in the two existing sub-programs for telecommunications and organic production/processing.

Additionally, Ramona is the Program Manager for the NIST Designating Authority responsibilities under the Telecommunications Mutual Recognition Agreements (MRA) between U.S. government and many other countries/economies. Ramona works with U.S. laboratories and certification bodies that are seeking to be designated by NIST and recognized by the regulatory agencies of the foreign MRA partners so that telecom products can be tested and/or certified in the U.S prior to export. She also manages the designation of U.S. TCBs (Telecommunication Certification Bodies) to the FCC and the evaluation of U.S. laboratory accreditation bodies to be used under the telecom MRAs. Ramona participates in the negotiations to further expand implementation of the telecom trade agreements with other economies, working closely with USTR and the FCC.

Ramona began her career in conformity assessment in 1991, working for the American Association for Laboratory Accreditation (A2LA). While at A2LA, Ramona managed the day-to-day accreditation process activities and also participated in assessing the compliance of the laboratories to the applicable quality system requirements of ISO/IEC 17025. As Quality Manager, she oversaw the organization's compliance with ISO/IEC 17011 and managed several international peer evaluations conducted by APLAC and EA. In 2003, Ramona joined the Association of Home Appliance Manufacturers (AHAM), located in Washington, D.C., where she managed the day-to-day activities of performance standards development and product certification. She also worked on key technical and regulatory appliance issues with the DOE (minimum efficiency standards) and the EPA (air cleaners & Energy Star).

Ramona holds a BS in Electrical Engineering and a BA in French Literature, both from the University of Maryland.