

SPEAKER BIOS

Sally Bruce

Ms. Sally Bruce is currently the Quality Manager for NIST Measurement Services: Calibrations and Standard Reference Materials. She previously served as the Chief of the National Voluntary Laboratory Accreditation Program (NVLAP) from 2006-2011. Ms. Bruce has developed, documented, implemented, and managed quality systems for specific NIST measurement service areas since 1992.

Ms. Bruce is the official NIST representative to the System Interamericana de Metrologia (SIM-Spanish for Inter-American Metrology System) Quality System Task Force (QSTF). SIM is the regional metrology organization for the Americas. The SIM QS TF is composed of representatives from the SIM countries that are signatories to the International Committee on Weights and Measures (Comité International des Poids et Mesures, or CIPM) Mutual Recognition Arrangement (MRA). The SIM QS TF reviews and determines the acceptance of each National Metrology Institute's (NMI) Quality System, a necessary step for final approval of NMI capabilities in the measurement areas under the CIPM MRA.

She is a peer evaluator for accreditation bodies with emphasis in calibration accreditations throughout Asia Pacific (APLAC) and a lead peer evaluator the Americas (IAAC) using the ISO/IEC 17011, the standard used for conformity assessment.

Gordon Gillerman

Gordon Gillerman is Director of the Standards Coordination Office and Chief of Standards Services at the National Institute of Standards and Technology (NIST). He coordinates and advises federal agencies, U.S. industry and other stakeholders on standards and conformity assessment policy. Standards Services 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 also has extensive experience coordinating standards policy and development across a wide range of critical issues in the U.S. including cloud computing, health IT, homeland security, safety, health and protection of the environment.

Gordon is the Public Sector Co-Chair of the American National Standards Institute's (ANSI) Homeland Security Standards Panel, an expert on conformity assessment systems and their nexus with regulatory and trade issues and a sought after lecturer on standards, conformity assessment and regulation.

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.

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

Carol Hockert

Carol Hockert is the Chief of the Office of Weights and Measures at NIST, which provides technical expertise, training, international perspective and representation, and oversight to the U.S. legal metrology infrastructure. As part of her responsibilities, she serves as the Executive Secretary for the National Conference on Weights and Measures.

Prior to her appointment at NIST, she was the Director of the Weights and Measures Division for the State of Minnesota. Ms. Hockert began her career as a metrologist in the Minnesota state metrology laboratory, where she gained experience in mechanical, dimensional and thermodynamic calibrations, as well as in technical writing. She has done technical training on several measurement topics. In addition, she spent six years as a both a lead and technical assessor for the National Voluntary Laboratory Accreditation Program (NVLAP).

Ms. Hockert is currently the Technical Program chair for the NCSL International (NCSLI), a professional association made up of people and organizations with an interest in measurement science. She is also a Past President. NCSLI promotes competitiveness and success of its members by improving the quality of products and services through excellence in calibration, testing, and metrology education and training.

Ms. Hockert received her Bachelor of Chemical Engineering degree from the University of Minnesota in 1983.

Ajit Jillavenkatesa

Dr. Ajit Jillavenkatesa is a Senior Standards Policy Adviser with the Standards Coordination and Program Coordination offices at the National Institute of Standards and Technology (NIST).

Ajit specializes in standards and technology related policy issues in South Asia, Asia-Pacific with a particular focus on China, Japan and India; and in emerging technologies such as nanotechnology and information and communication technologies. He provides standards policy and technical expertise to NIST staff and leadership, the U.S. Department of Commerce, other U.S. Government agencies and the private sector. He is currently the Executive Secretary of the Subcommittee on Standards, a subcommittee of the National Science and Technology Council's Committee on Technology.

An active participant in international standards development activities, he actively contributes technology standards expertise to intra- and inter- governmental groups, bridging the worlds of standards, technology, international trade and regulatory policy.

He has also provided standards policy expertise to the House Committee on Science and Technology during a detail to the Committee in 2010, and was a resource to Committee staff during the development and reauthorization of the America COMPETES Act, signed into law as the America COMPETES Reauthorization Act of 2010 (P.L.111-358).

Dr. Jillavenkatesa is a materials scientist by training, having joined NIST in 1997 as a post-doctoral fellow, 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, and U.S. Department of Commerce Silver Medal in 2013 and the Department's Bronze Medals in 2009 and 2011.

Dana Smith Leaman

Mrs. Leaman serves as the Chief of the National Voluntary Laboratory Accreditation Program (NVLAP). In her role as Chief, Mrs. Leaman oversees the NVLAP operations and accreditation activities of testing and calibration laboratories in the nineteen fields in which accreditation is offered. Previously, Mrs. Leaman served as a NVLAP program manager and staff contact for laboratories performing Cryptographic and Security Testing, Common Criteria Testing, Voting System Testing, Healthcare IT Testing and Ionizing Radiation Dosimetry. Her program management responsibilities included assistance in the daily accreditation operations for those programs. Mrs. Leaman began performing assessments for NVLAP in May 2009.

Previously, she was employed with the American Association for Laboratory Accreditation (A2LA) and assisted with the management of the calibration accreditation program and the assessment of the calibration laboratories within that program. She also performed ISO/IEC 17025 quality system assessments in the testing fields as well.

Mrs. Leaman is a member of the NCSL International Board of Directors, currently serving on the Executive Committee as the Secretary. She has served on the Board since 2005, serving terms

as the Vice President of the Southeastern US, Vice President of the Northeastern US, Vice President of Documentary Standards and Vice President of Special Programs.

Mrs. Leaman is also active in the international accreditation community serving in the ILAC Arrangement Committee, the APLAC Software Subcommittee, the APLAC Calibration Subcommittee and the IAAC Laboratory Subcommittee. She is also qualified as a APLAC and an IAAC peer evaluator for both testing and calibration.

Mrs. Leaman has a Bachelor of Science degree with a major in Chemistry from Austin Peay State University in Clarksville, TN.

James Olthoff

Dr. Olthoff is the Director of the Physical Measurement Laboratory (PML) of the National Institute of Standards and Technology (NIST). The PML maintains all of the U.S. physical measurement standards and is responsible for all calibration services at NIST. PML also contains the Office of Weights and Measures. Jim joined NIST in 1987 and has served as a research scientist, Group Leader, and Division Chief.

Jim received his Ph.D. in Physics from the University of Maryland in 1985 in the area of atomic, molecular and optical physics. He then held a two-year appointment at the Johns Hopkins School of Medicine before arriving at NIST. He has authored or co-authored more than 120 publications and has co-authored or edited four books. Jim has been the NIST representative to NCSLI since 2010, is the Chair of the SIM Quality System Task Force, and represents NIST and SIM in many international metrology activities.

Mary Satterfield

Dr. Mary Satterfield is the Chief of Staff in the Material Measurement Laboratory. She works closely with the MML leadership team to drive and maintain the strategic focus of the laboratory. She works with staff as a liaison from the Lab office on multiple programs. Dr. Satterfield builds MML community through efforts to maintain and improve employee engagement and retention, working with staff to resolve gaps and coordinate cross-division projects. She manages and supports Lab Office special projects, serves as principal advisor to the Lab Director, and oversees MML STEM efforts.

Dr. Satterfield previously served as Science Advisor to Dr. Locascio in the Material Measurement Laboratory Lab Office and in the Biochemical Science Division. She received a Ph.D. in Analytical Chemistry from the University of Texas at Austin in 2001 and worked for several years on protein and small molecule reference methods and SRMs. She has also worked on reference methods and materials for microarray scanner quality assurance.

Claire M. Saundry

Dr. Claire M. Saundry has served as the Director of International and Academic Affairs since May 2007. Prior to that, beginning in November 1994, she served as the Chief of International Affairs. Dr. Saundry is responsible for managing the international and academic portfolios at NIST, including implementation of the NIST International Strategy, managing the NIST Foreign Guest Researcher and Foreign Visitor Programs, managing the NIST Postdoctoral Research programs and academic outreach activities, developing and implementing NIST international and academic policies, providing liaison with foreign and U.S. government representatives, universities and local public school systems.

Prior to her appointment in OIAA/NIST, Dr. Saundry served as a Program Officer in the International Coordination and Liaison Branch of the Fogarty International Center, National Institutes of Health from 1992-1994. In this capacity, Dr. Saundry was responsible for providing liaison between NIH scientists and their counterparts overseas, facilitating development of international research programs and providing liaison with other US Government and non-governmental organizations for NIH programs with Eastern Europe, Northern Asia, the Middle East, and Africa.

From September 1989 through January 1992, Dr. Saundry served as a Physical Science Administrative Officer in the United States Department of State, Bureau of Oceans and International Environmental and Scientific Affairs, Office of Cooperative Science and Technology Programs.

Dr. Saundry received her Ph.D. in Biological Chemistry from the University of Virginia, Chemistry Department in 1989. Her research focused on the mechanism of aluminum ion-induced neurotoxicity. She received her Bachelor of Science from Stonehill College in May 1984 Magna Cum Laude in Biology with a minor in Chemistry. In 1989, Dr. Saundry was awarded a Science Engineering and Diplomacy Fellowship from the American Association for the Advancement of Sciences (AAAS). This fellowship placed her in the State Department on a one year appointment and introduced her to the world of science and technology policy.

Robert L. Watters, Jr.

Dr. Robert L. Watters, Jr. is the Principal Consultant for Global RM Consulting, focusing on strategies for the development and application of reference materials. From 2004 to January 2016 he was the Associate Director for Measurement Services in the Material Measurement Laboratory (MML) at the National Institute of Standards and Technology (NIST). During that time Dr. Watters was also the Director of the Office of Reference Materials (ORM) at the National Institute of Standards and Technology (NIST). Dr. Watters has over 39 years of

experience at NIST in the development of Standard Reference Materials (SRMs) and international metrology comparisons.

The Office of Reference Materials is responsible for all business support and information technology resources for NIST's Standard Reference Material Program. ORM also provides IT support for NIST calibration services. These programs represent over twenty million dollars in the transfer of NIST measurement services to the public and government agencies around the world.

Dr. Watters received his B.S. in Chemistry from the University of Notre Dame in 1970 and his Ph.D. in Analytical Chemistry from the University of Wisconsin in 1976. He joined the National Bureau of Standards in 1976, and became Group Leader for Atomic and Molecular Spectrometry in 1987. He has participated in the analysis and certification of over 150 Standard Reference Materials. He was a member of the NIST Ad Hoc Committee on Uncertainty Statements, which developed the NIST policy on implementing the ISO Guide to Uncertainty in Measurement.

Dr. Watters was a founding member of the Comité International des Poids et Mesures (CIPM) Consultative Committee on Amount of Substance. He led a team that developed an international database system for comparison measurements performed by the world's National Metrology Institutes. He is also responsible for maintaining the NIST Traceability web site, wherein the NIST policy on traceability is articulated, and through which many of NIST's customers obtain answers to their traceability questions.