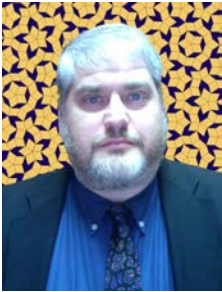**SPEAKER PROFILES**

Bruce Bailey
Accessibility IT Specialist
U.S. Access Board

Bruce Bailey is an Accessibility IT Specialist with the U.S. Access Board. He has been working full time in the area of computer accessibility for over twenty years, the last eleven of those in Federal service. Bruce has been closely following WCAG since before that name was chosen and is currently a member in good standing with the W3C WAI guidelines working group. When not working on the refresh of the Section 508 Standards, Bruce provides technical assistance and training on the accessibility of Information and Communications Technology and manages the agency web site.

William (Curt) Barker
Associate Director and Chief Cybersecurity Advisor
NIST Information Technology Laboratory

Mr. Barker is directly responsible for planning, directing, and implementing the policies and programs of the NIST cybersecurity program. He also conceives and implements strategic plans and executive direction to ensure that the scientific and technical activities promote the mission and goals of Lab/Program and NIST. Mr. Barker is the Department of Commerce Lead for the National Strategy for Trusted Identities in Cyberspace. He was recently assigned to the Department of Commerce Office of Policy and Strategic Planning as head of the Cybersecurity and Privacy Coordination Office. He was also recently Chief of the Information Technology Laboratory's Computer Security Division.

Prior to becoming Division Chief, Mr. Barker was Program Manager for NIST Personal Identity Verification activities. He managed development of the HSPD #12-mandated Federal Information Processing Standard 201 and several NIST recommendations and guidelines that implement the FIPS. Mr Barker previously managed development of several NIST guidelines required by FISMA and is participating in the development of a number of NIST cryptographic publications. He has worked in the information security field since 1966. Before joining NIST, Mr. Barker worked in National Security Agency information assurance organizations, and subsequently held private sector positions of Vice President and Director of Independent Research and Development at two information assurance companies: PE Systems and Trusted Information Systems.

Rebecca M. Blank
Deputy Secretary of Commerce

Rebecca M. Blank was confirmed as the Deputy Secretary of Commerce in March 2012, after serving as Acting Deputy Secretary of Commerce since November, 2010. From August through October 2011, between the end of Secretary Gary Locke's tenure and the beginning of Secretary John Bryson's term, Blank served as the Acting Secretary of Commerce. During that time, she worked to promote the Obama administration's efforts to improve the economy. As Deputy Secretary, Blank functions as Commerce's chief operating officer, overseeing issues of management, policy and strategic planning for the department's 12 bureaus.

Blank has served in the Department of Commerce since June 2009, when she was appointed as the principal economic adviser to the Secretary in the role of Under Secretary for Economic Affairs and head of the Economics and Statistics Administration (ESA). ESA oversees the two premier statistical agencies in the United States, the Census Bureau and the Bureau of Economic Analysis. As Under Secretary, she also served as the appointed Board Representative to the Pension Benefit Guarantee Corporation.

While at ESA, Blank played an important role overseeing a decennial Census operation that completed its work on time and under budget–netting $1.6 billion in 2010 savings. Within ESA, she supervised a staff of economists and policy analysts who produced a wide variety of reports and analyses that focused on economic and social trends, and the impact of various policy proposals.

Prior to arriving at Commerce, Blank was the Robert S. Kerr Senior Fellow at the Brookings Institution and dean of the Gerald R. Ford School of Public Policy at the University of Michigan (UM), where she implemented a major expansion of its faculty and programs. She also served as co-director of UM's National Poverty Center. From 1997-1999, Blank was one of three members of President Clinton's Council of Economic Advisers, participating in White House decision-making on a host of economic, social and regulatory policy issues.

Prior to her work with the Clinton administration, she was a Professor of Economics at Northwestern University and Director of the Northwestern University/University of Chicago Joint Center for Poverty Research. The author of several books, Blank has researched extensively the interactions of the macro economy, government social policy programs, and the behavior and well-being of low-income families.

Blank is a member of the American Academy of Arts and Sciences, a Fellow of the Society of Labor Economists, and a Lifetime Associate at the National Academies of Science. She has served in a wide variety of advisory and professional roles, including service on the Boards of Directors of MDRC, the Economic Policy Institute, and the Urban Institute. She was a long-time faculty affiliate of the National Bureau of Economic Research, vice president of the American Economic Association, and president of the Association for Public Policy Analysis and Management. In May 2010, Blank was inducted as an Eleanor Roosevelt Fellow by the American Academy of Political and Social Science in recognition of her distinguished scholarship in the social sciences.

A native of Missouri, Blank is a summa cum laude graduate in economics from the University of Minnesota and holds a Ph.D. in economics from the Massachusetts Institute of Technology.

Robert Bohn
NIST Cloud Computing Program Manager & Reference Architecture Lead
Applied and Computational Sciences Division
NIST Information Technology Laboratory

Robert Bohn, of the Applied and Computational Sciences Division in NIST/ITL, serves as Program Manager and Reference Architecture Lead for the NIST Cloud Computing Program. In these roles, he manages and coordinates the goals and strategy of the program and also works with industrial, academic and other government stakeholders to develop a high-level vendor neutral reference architecture and taxonomy under the NIST Strategy for Developing a US Government Cloud Computing Technology Roadmap. This architecture will be used as a frame of reference to facilitate communication, illustrate and understand how clouds services and components fit together.

Previously, Bob served as the Technical Coordinator for the High End Computing Interagency Working Group (HEC-IWG) and Human-Computer Interaction and Information Management Coordinating Group (HCI&IM CG) at National Coordination Office of the Networking and Information Technology Research and Development (NITRD). In this role, he reported on USG agency activity and investments in these component areas to OSTP in the President's Annual Budget Supplement.

He was a recipient of a National Science Foundation fellowship at NASA Ames Research Center in Moffett Field, CA, received Ph.D. and Master of Science degrees in Physical Chemistry from the University of Virginia, a Master's Certificate in Project Management from George Washington University School of Business and Public Management, and a Bachelor of Science degree in Chemistry from the University of Illinois.

Pierre Boucher
Deputy Chief Information Officer
Government of Canada at the Treasury Board Secretariat of Canada

 As of April 1, 2011, Pierre Boucher was appointed to the position of Deputy Chief Information Officer for the Government of Canada at the Treasury Board Secretariat of Canada. In this role, Mr. Boucher is responsible for supporting key activities of the branch including policy development, monitoring, management oversight, and leading community development and capacity building initiatives in information management, information technology, security and identity management, and access to information and privacy to ensure the sound management and stewardship of the Government of Canada's information and technology assets and its communities of practice.

Prior to this, Pierre was Interim Deputy Chief Information Officer and Executive Director for the Security and Identity Management division and was responsible for all aspects of Government Security including the Policy on Government

Security and IT Security, Cyber Authentication and Identity Management. Previously, Mr. Boucher was Senior Director, Enterprise Architecture and Standards at the Treasury Board Secretariat of Canada. Mr. Boucher joined the Treasury Board in November 2003 after nine years in the private sector, where he held positions with increasing responsibilities. He was Senior Director of Research and Development and Vice-President of Customer Service at Entrust. He was also Manager, Technical Services Group, Information Technology Security Branch, National Defence, where he was a leader in security architecture in a context of internetworking and the Department's increased liaising needs.

Mr. Boucher has previously worked at the Communications Security Establishment as Project Manager for the development of various security products. He obtained a Bachelor's degree in Electrical Engineering from the École Polytechnique de Montréal in 1985.

John Bryson
Secretary of Commerce

John Bryson was appointed by President Obama as the 37th Secretary of Commerce and sworn into office on October 21, 2011. Bryson has nearly three decades of business experience, including 18 years as Chairman and Chief Executive Officer of Edison International.

Secretary Bryson is a key member of President Obama's economic team working to implement the administration's top economic priority: accelerating job creation. He works to strengthen the economic recovery and U.S. competitiveness, and he serves as the voice for the business community in the President's Cabinet.

As Commerce Secretary, Bryson oversees an agency charged with helping make American businesses more innovative and successful at home and more competitive abroad. Bryson's priority as Commerce Secretary is to help American businesses "build it here and sell it everywhere."

He is focusing in particular on three areas that create more American jobs: supporting advanced manufacturing, helping U.S. companies increase exports, and encouraging more companies to invest in or expand operations in the U.S. First, as co-chair of the White House Office of Manufacturing Policy [2], he is coordinating government-wide efforts to support and strengthen America's manufacturing sector, especially advanced manufacturing. Second, he is leading the president's National Export Initiative [3] to double U.S. exports and create millions of jobs. Third, he is driving the federal effort to increase business investment in the U.S. through SelectUSA [4], America's first-ever national investment advocacy program.

In addition, Secretary Bryson is working to implement historic reforms to the U.S. patent system; foster "clusters" that create jobs by maximizing strengths in U.S. regions; strengthen online security and privacy for both businesses and consumers; and, invest in coastal communities, weather, and oceanic sciences.

Before becoming Commerce Secretary, Bryson served as Chairman and Chief Executive Officer of Edison International, the parent company of Southern California Edison and Edison Mission Group, from 1990 to 2008. At Edison, he led the utility through the California energy crisis. As CEO, he created a competitive power subsidiary, the Mission Group, which expanded across the U.S. and was a global leader in the privatization of power plants and electric systems in Australia, New Zealand, Thailand, the Philippines and several European countries.

Bryson has also served as a director on several public, educational and nonprofit boards, including The Boeing Company and The Walt Disney Company. He has also served as an adviser and a director of entrepreneurial and start-up companies including Coda Automotive, Inc. and BrightSource Energy. He was a senior adviser to the global investment firm Kohlberg Kravis Roberts (KKR).

Prior to joining the private sector, Bryson served as president of the California Public Utilities Commission and chairman of the California State Water Resources Control Board. He was also a partner in the law firm of Morrison and Foerster. Shortly after earning his J.D. from Yale law school, he and some classmates received a grant from the Ford Foundation to form the Natural Resources Defense Council in 1971.

Bryson is a graduate of Stanford University. He and his wife Louise have four daughters.

Winston Bumpus
President, DMTF
Director of Standards Architecture
VMware, Inc.

Winston Bumpus, Director of Standards Architecture at VMware, has had over 40 years of experience in the computer industry. He is currently the President of the DMTF and co-chair of the DMTF's Cloud Management Working Group. He has chaired activities in other standards organizations including, OASIS, and The Open Group. Prior to VMware he was Director of Systems Management Architecture at Dell and he was also Director of Open Technologies at Novell, Inc. He is co-author of the books "Common Information Model" and "The Foundations of Application Management." He has participated in the DMTF for over 17 years and worked on its early development of the Common Information Model (CIM) and Web Based Enterprise Management (WBEM).

Alvaro A. Cárdenas
Research Staff Engineer
Fujitsu Laboratories of America

Alvaro A. Cárdenas is a research staff engineer at Fujitsu Laboratories of America working in information security. Prior to this he was a postdoctoral fellow at the University of California, Berkeley working with the TRUST center. His research focuses on anomaly detection, big data security, big data analytics, the smart grid, and intrusion detection. He is currently the program committee chair of the workshop on AI and Security (AIsec 2012) and the symposium on Security of IEEE SmartGridComm. He has received numerous awards for his research including a best paper award from the U.S. Army Research Office, a best presentation award from the IEEE, a fellowship from the University of Maryland, and a Distinguished Assistantship from the Institute of Systems Research. He has also been an invited visiting professor at the University of Cagliari. Alvaro holds M.S. and Ph.D. degrees from the University of Maryland, College Park, and a B.S. from Universidad de los Andes.

Betsy Covell
Distinguished Member of Technical Staff
Wireless Standards and Intellectual Property
Alcatel-Lucent

Betsy Covell is a Distinguished Member of Technical Staff in the Wireless Standards and Intellectual Property organization at Alcatel-Lucent. She has been active in wireless core network standards development for over 15 years, covering many technologies including circuit switched networks, packet switched networks, IMS and cloud computing. She has chaired numerous standards groups in TIA, 3GPP2, 3GPP, OMA, and ITU-T and is currently chairing the TIA Cloud Computing Subcommittee.

Michael Donovan
Technology Consultant, New Services Development
Hewlett-Packard Company

Michael Donovan is a technology consultant for Portfolio Research and Development with HP Enterprise Services Office of the CTO, supporting development of capabilities and offerings for clients across global public sector. His responsibilities include harvesting existing solutions for re-use and developing new capabilities to meet the complex needs of Federal, State and Local governments, leveraging the best of HP's current capabilities, our partner ecosystem and HP Labs.

Donovan has led technical teams in design and implementation of both applications and large enterprise infrastructures. He is currently involved in development of cyber security, cloud computing, trusted infrastructure, information management and other innovative solutions to better serve the needs of global clients. He serves as the co-chair of the Trusted Computing Group's Trusted Multi-tenant Infrastructure working group, developing industry standards for establishing trusted secure cloud and multi-tenant infrastructure solutions.

Most recently, Donovan was HP Enterprise Services chief technologist supporting US public sector strategic capability development. Previously, he held roles as chief technologist for US Defense, chief architect for the Atlas Consortium, providing the Defence Information Infrastructure (DII) to the UK Ministry of Defense, chief architect and CTO for the U.S. Navy and Marine Corps Intranet (NMCI) and chief architect for EDS' Office of the CIO.

Donovan began his career with EDS, now HP, in 1986 supporting operations of mainframe systems for General Motors in Auburn Hills, Mich. He moved from there to provide technical leadership for EDS' chargeback systems for cost recovery of mainframe systems utilization. He was chief architect for EDS' Service Excellence application systems, in use today to track delivery quality and customer satisfaction across the spectrum of HP Enterprise Services clients.

Donovan holds five U.S. patents in areas ranging from measurement of computer usage to Web-based customer satisfaction and performance measurement.

Dr. Donald R. Deutsch
Vice President and Chief Standards Officer
Oracle

Don Deutsch is Vice President, Chief Standards Officer, for Oracle in Redwood Shores, CA. He is responsible for coordinating Oracle's participation in technical standards and consortia forums across all business units and geographies. He chairs ISO/IEC JTC 1 SC 38, Distributed Application Platforms and Services, the group chartered to develop standards in the areas of web services, Service Oriented Architecture (SOA) and cloud computing.

Don is a member of the ANSI Board of Directors, the IEC Market Strategy Board, and the Executive Committee of the Java Community Process. In addition, he currently serves in the following leadership positions:
- Chair
  - INCITS DM32: Data Management & Interchange
  - INCITS DM32.2: Database (SQL)
- Vice Chair - INCITS Executive Board: US TAG to ISO/IEC JTC 1
- Co-chair - W3C Patent and Standards Interest Group.

Don earned a BS from Miami University in Oxford, OH, and MBA and doctorate degrees from the University of Maryland, College Park. ANSI recognized Dr. Deutsch for his leadership of national and international information technology standardization as the 2002 recipient of the Edward Lohse Information Technology Medal.

ZHANG Feng

Director General of the Communications Development Department
Ministry of Industry and Information Technology (MIIT)

Mr. Zhang Feng, senior engineer, is the director general of the Communications Development Department of Ministry of Industry and Information Technology (MIIT). Previously, DG Zhang served as the head of the Telecommunications Management Bureau of Shijiazhuang, Hebei Province, and later as the vice director of the Bureau of Posts and Telecoms of Hebei Province. Zhang also represented Shijiazhuang City as a delegate to the 10th National Peoples' Congress Economics and Finance Committee, represented Hebei Province as a delegate to the 11th National Peoples' Congress Budget Auditing Committee, and as Hebei Province's head delegate to the 11th National Peoples' Congress.

As Director General of the Communications Development Department, Zhang is responsible for drafting and promulgating policies for the development of network technology, and is responsible for the construction of critical telecommunications infrastructure. The department also supervises and manages the telecommunications infrastructure construction market. Additionally, the Department coordinates with relevant authorities to draft and promulgate laws and standards for telecommunication network usage fees, and supervise the implementation of these fee structures.

José A.B. Fortes
Professor and BellSouth Eminent Scholar
University of Florida

José A.B. Fortes is the AT&T Eminent Scholar and Professor of Electrical and Computer Engineering and Computer Science at the University of Florida where he founded and is the Director of both the Advanced Computing and Information Systems Laboratory and the multi-university NSF Industry-University Cooperative Research Center on Autonomic Computing.

He received the B.S. degree in Electrical Engineering (Licenciatura em Engenharia Electrotécnica) from the Universidade de Angola in 1978, the M.S. degree in Electrical Engineering from the Colorado State University, Fort Collins in 1981 and the Ph.D. degree in Electrical Engineering from the University of Southern California, Los Angeles in 1984. From 1984 until 2001 he was on the faculty of the School of Electrical Engineering of Purdue University at West Lafayette, Indiana. In 2001 he joined both the Department of Electrical and Computer Engineering and the Department of Computer and Information Science and Engineering of the University of Florida as Professor and BellSouth Eminent Scholar. From July 1989 through July 1990 he served at the National Science Foundation as director of the Microelectronics Systems Architecture program. From June 1993 till January 1994 he was a Visiting Professor at the Computer Architecture Department of the Universitat Politecnica de Catalunya in Barcelona, Spain.

His research interests are in the areas of distributed computing, autonomic computing, computer architecture, parallel processing and fault-tolerant computing. He has authored or coauthored over 200 technical papers and has lead the development and deployment of Cloud and Grid-computing software used in several cyberinfrastructures for e-Science and digital government. His research has been funded by the Office of Naval Research, AT&T Foundation, IBM, General Electric, Intel, Northrop-Grumman, Army Research Office, NASA, Semiconductor Research Corporation and the National Science Foundation.

José Fortes is a Fellow of the Institute of Electrical and Electronics Engineers (IEEE) professional society and a Fellow of the American Association for the Advancement of Science (AAAS). He was a Distinguished Visitor of the IEEE Computer Society from 1991 till 1995. José Fortes is on the Editorial Boards of Cluster Computing: The Journal of Networks, Software Tools and Applications, the International Journal on Parallel Programming and the Journal of VLSI Signal Processing. He is also a past member of the Editorial Boards of IEEE Transactions on Parallel and Distributed Systems, the ACM Journal on Emerging Technologies in Computing Systems, and the Journal of Parallel and Distributed Computing.

Patrick D. Gallagher
Under Secretary of Commerce for Standards and Technology
Director, Office of the Director
National Institute of Standards and Technology (NIST)

Dr. Patrick 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. He also serves as Under Secretary of Commerce for Standards and Technology, a new position created in the America COMPETES Reauthorization Act of 2010, signed by President Obama on Jan. 4, 2011.

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
Director of the Standards Services
National Institute of Standards and Technology (NIST)

Gordon Gillerman, Director of the Standards Services at the National Institute of Standards and Technology (NIST), coordinates and advises federal agencies, US industry and other stakeholders on standards and conformity assessment policy. The division 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 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 include 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.

Jeremy A. Grant
Senior Executive Advisor for Identity Management
National Strategy for Trusted Identities in Cyberspace (NSTIC)
NIST Information Technology Laboratory

Jeremy Grant is senior executive advisor for identity management at the National Institute for Standards and Technology (NIST). He joined NIST in February, 2011 to manage the establishment of a National Program Office to implement the National Strategy for Trusted Identities in Cyberspace (NSTIC).

Mr. Grant comes to NIST with a diverse background and deep understanding of identity and cybersecurity issues, having served in a range of leadership positions spanning government and industry. Jeremy is a former co-chair of the Identity Management Committee at TechAmerica. He is a graduate of the University of Michigan.

Eric A. Hibbard, CISSP, CISA, ISSAP, ISSMP, ISSEP, SCSE

Eric Hibbard is Hitachi Data Systems' CTO for Security and Privacy, focusing on product security. He is a senior security professional with 30+ years of experience in information and communications technology, working for government, academia, and industry. Hibbard serves as the International Representative for INCITS Technical Committee CS1 Cyber Security, Co-Chair of the American Bar Association's Electronic Discovery & Digital Evidence Committee, Co-Chair of the Cloud Security Alliance International Standardization Council, Chair of the IEEE Information Assurance Standards Committee, Chair of the SNIA Security Technical Work Group, and the Editor of ISO/IEC 27040 (Storage security) and ISO/IEC 17788 (Cloud computing - Vocabulary).

Michael D. Hogan
Standards Liaison
Chair: NIST Cloud Computing Standards Working Group
NIST Information Technology Laboratory

Mr. Michael D. Hogan has worked as an electronics engineer at the National Institute of Standards and Technology (NIST) since 1974. As the Standards Liaison for the NIST Information Technology Laboratory, he represents NIST at national and international fora that advance measurement science, testing, and standards in support of more interoperable, usable, scalable, reliable, and secure information technology (IT). Since September 2003, Mr. Hogan has served as the Convener of the international standards group: ISO/IEC JTC 1/SC 37 Working Group 4 - Biometric Functional Architecture and Related Profiles. Since the beginning of 2007, Mr. Hogan has served as the Chair of the Standards and Conformity Assessment Working Group of the NSTC Subcommittee on Biometrics and Identity Management. Mr. Hogan is also serving as the Co-Convener of the NIST Cloud Computing Standards Roadmap Working Group, which was established in January 2011.

Michaela Iorga
Chair: NIST Cloud Computing Security Working Group/Senior Security Technical Lead
NIST Information Technology Laboratory

Dr. Iorga serves as the senior security technical lead for the NIST Cloud Computing. She joined NIST team in 2008, bringing a diverse background and deep understanding of information systems security, cybersecurity, identity and privacy issues, and strong knowledge in the development of complex security architectures, having served in a wide range of consulting positions with government and private industry. Dr. Iorga is also leading several other NIST efforts, among them are the development of the Federal Information Processing Standard 140-3 , Security Requirements for Cryptographic Modules; and the implementation of a NIST public, secure randomness source. She also contributes to the NIST efforts of developing the security testing and certification requirements for electrical smat grids. Before joining NIST, Dr. Iorga was the president of the MiTech Consulting Inc., and subsequently held other private sector positions with VDG inc., Duke University, and Merchand Marine Institute of Constanta.

Michaela Iorga is a magna cum laude gradute of the University of Lower Danube from where she holds a B.S. and M.S. in naval architecture and maritime engineering, and a Ph.D. from Duke University, Pratt School of Engineering, in 1998.

Karuna P Joshi

Computer Science and Electrical Engineering
University of Maryland, Baltimore County (UMBC)

Karuna P. Joshi is currently pursuing PhD in Computer Science from University of Maryland, Baltimore County (UMBC) under the direction of Professors Yelena Yesha and Tim Finin. She has been awarded the prestigious IBM PhD Fellowship for 2011-12 as well as 2012-13. She completed her MS in Computer Science from UMBC and her Bachelors in Computer Engineering from University of Mumbai, India. Her research interests include Cloud based Services, Databases, Web Technologies and Data mining. Karuna also has over 15 years of industry experience managing large IT projects and worked at the International Monetary Fund for nearly a decade before beginning her PhD.

Anil Karmel
M&O Chief Technology Officer
National Nuclear Security Administration (NNSA) / LAN

Anil Karmel is the M&O Chief Technology Officer for the National Nuclear Security Administration (NNSA) / LANL. Within the NNSA, Mr. Karmel serves as the RightPath Chief Architect and M&O Implementation Lead for a range of enterprise IT solutions including Cloud Computing, Enterprise Mobility, Unified Communications and Enterprise Wireless. \ Anil is the inventor and architect of Los Alamos National Laboratory (LANL)'s award winning and patented secure hybrid cloud portal, "Infrastructure on Demand" illustrating an innovative partnership between industry and government.   He also designed LANL's "Enterprise Collaboration Suite" consisting of a suite of tools allowing users to collaborate how, when and where they want on a variety of endpoints including smartphones, tablets and zero clients. The solutions form the basis of the DOE/NNSA's Network Vision (2NV), a RightPath project delivering ONEvoice powered by YOURcloud on the OneNNSA Network.

Anil has been in the IT Industry for over fifteen years, working with various Fortune 500 companies and government in the areas of Enterprise Virtualization, Messaging & Collaboration.   Most notably, Mr. Karmel garnered industry accolades including SANS National CyberSecurity Innovators Award for Cloud Security, InformationWeek 500 Top Government IT Innovators and his LANL team was named an ACT/IAC Excellence.gov Finalist two years running. Anil is a Nationally Recognized Speaker at numerous IT Conferences and Webinars including Gartner, VMworld, MeriTalk, SANS, FOSE, IDGA and many others.

Kyoungsook Kim
National Institute of Information and Communications Technology (NICT), Japan

Kyoungsook Kim is a researcher of the Information and Service Platform Laboratory at National Institute of Information and Communications Technology (NICT) in Japan since 2007. Dr. Kim received her B.S., M.S., and Ph.D. Degrees in Computer Science from Pusan National University in 1998, 2001, and 2007, respectively. Her research interests are in the areas of GIS, spatiotemporal databases, ubiquitous computing, and future internet technologies. Currently she serves as a researcher of the subproject of New-Genereation Network at NICT and the project of Cyber-Physical Data Clouds between NIST and NICT.

Cary Landis
Virtual Global, Inc.

Cary Landis owns and operates Virtual Global, Inc. and serves as Cloud Architect at NJVC, LLC. He oversees product development for SaaS Maker™, a Platform as a Service (PaaS) for creating and deploying custom software on cloud infrastructure. Mr. Landis served on the NIST working group to create the Reference Architecture for Cloud Computing, in which he led subgroup to clarify the three service models (SaaS, PaaS and IaaS). He recently served on the new Federal Enterprise Architecture Framework (FEAF II) Working Group to create an Application Reference Model. He coauthored 'Cloud Computing Made Easy' at cloudipedia.com. He also co-founded KeyLogic Systems; and is a founding member of FedPlatform™, a nonprofit that provides free resources to federal organizations moving to the cloud.

Dawn Leaf
NIST Senior Executive for Cloud Computing
NIST Information Technology Laboratory

Dawn Leaf is a Senior Advisor in the National Institute of Standards and Technology Information Technology Laboratory and the NIST Senior Executive for Cloud Computing.

Under her stewardship, NIST has worked in a private and public sector partnership with over 30 USG agencies, academia, industry consortia, and standards organizations to achieve internationally recognized milestones in the arena of Cloud Computing. In February 2012, Ms. Leaf was honored as one of the "Top Women in Cloud" by the CloudNOW organization.

Prior to her appointment to NIST in March 2010, Ms. Leaf served as the Deputy Chief Information Officer/Chief Technology Officer for the United States Department of Commerce, the Chief Information Officer of the Bureau of Industry and Security, and the Chief Technology Officer of the Smithsonian Institution.

Before joining the federal government in 1999, Ms. Leaf acquired broad experience in Information Technology management, advanced technology, and large scale distributed systems development and engineering. She served as the program manager for several National Aeronautics and Space Administration (NASA) and National Oceanic and Atmospheric Administration (NOAA) programs under contract. Ms. Leaf's foundation in IT came from her 1981-1995 tenure with the Westinghouse Electric Corporation (Northrop-Grumman). Dawn Leaf holds an M.S. in Systems Engineering from the Johns Hopkins University, Whiting School of Engineering, and is a cum laude graduate of McDaniel College.

David LeDuc
Senior Director, Public Policy

David represents the Association before Congress, the Administration and other policymakers across a number of key ICT public policy issues, including e-commerce, privacy, cyber security, cloud computing, open standards, e-government and information policy. Mr. LeDuc has been instrumental in helping to advance the software and digital content industries, including many major industry policy objectives dating back to the late 1990s.

SIIA is the principal trade association of the software and digital information content industries. SIIA has played a pivotal role in the development and legitimization of the Software as a Service (SaaS) and Cloud Computing models. Reaching back to 1999, SIIA began identifying the standards, best practices and business models for SaaS that are now commonplace in cloud computing. Many of our member-companies, both large and small, are key enablers of this approach

Craig A. Lee
Senior Scientist
Computer Systems Research Department
The Aerospace Corporation

Craig A. Lee is a Senior Scientist in the Computer Systems Research Department of The Aerospace Corporation, a non-profit, federally funded, research and development center. Dr. Lee has conducted DARPA and NSF sponsored research in the areas of grid computing, optimistic models of computation, active networks, and distributed simulations, in collaboration with USC, UCLA, Caltech, Argonne National Lab, and the College of William and Mary. Dr. Lee has been involved with the Open Grid Forum (OGF) from its inception in June, 1999, and served as its President from 2007 to 2010. During this time, he brokered working relationships with many other standards organizations and facilitated the development of the Open Cloud Computing Interface (OCCI), an open standard API for infrastructure clouds. He currently sits on OGF's Board of Directors. Dr. Lee is on many cloud study panels for different agencies within the US government and has contributed to NIST's Cloud Computing Standards Roadmap Working Group. He also sits on the Roadmap Editorial Board for SIENA (Standards and Interoperability for e-Infrastructure and Implementation Initiative), an FP7 project reporting to the European Commission concerning grid and cloud standards. Dr. Lee is also active in the Large Data Working Group for the

Open Cloud Consortium facilitating on-demand, satellite imagery analysis for disaster assessment, in collaboration with NASA Goddard.

Dr. Lee has published over 69 technical works, is on the steering committee for the Grid XY and CCGrid conference series, and sits on the Editorial Boards of Future Generation Computing Systems (Elsevier) and the International Journal of Cloud Computing (Inderscience). Dr. Lee holds a Ph.D. in Computer Science from the University of California, Irvine."

Katie Lewin
Director, Federal Cloud Computing Program
Office of Citizens Services and Innovative Technologies
General Services Administration

Katie Lewin is the Program Manager for the Cloud Computing at GSA. The program was established to drive the government-wide adoption of cost effective, green, and sustainable Federal cloud computing solutions. The Program has four major initiatives: Apps.gov, E- mail in the Cloud, Security as a Service, and Data Center Consolidation.

In her role as Program Manager, Ms. Lewin is responsible for identifying, developing and delivering methods for agencies to use cloud computing capabilities. She has also served as the Chief of Staff to the Chief Information Officer (CIO), U.S. General Services Administration.

Previous to her work at GSA, Ms. Lewin was an information technology consultant at SRA International and Lockheed Martin working with clients at the Internal Revenue Service, other financial management agencies, and the Federal Aviation Administration.

Ms. Lewin began her career in the Federal government at the Library of Congress and has worked at the Office of Management and Budget and the Internal Revenue Service. She has a Masters Degree in Library and Information Science from Dominican University and an undergraduate degree in American History from Trinity University.

Bettijoyce Lide
NIST Information Technology Laboratory

Bettijoyce Lide is the Senior Advisor and Program Coordinator for health information technology (health IT) in NIST's Information Technology Laboratory. She serves as the focal point for NIST's health IT responsibilities outlined in the Health Information Technology for Economic and Clinical Health (HITECH) Act and the NIST-Department of Health and Human Services (HHS)/Office of the National Coordinator for Health Information Technology (ONC) collaboration. She leads a NIST team in a broad range of initiatives to help enable electronic health records and the development of a nationwide health information network, as well as in longer-term research and development in emerging health IT frontiers.

Previously, Bettijoyce Lide was with the Advanced Technology Program (ATP), serving as Competitions Manager and Program Manager, designing, implementing, and managing the Information Infrastructure for Healthcare Program. Earlier, she served as Scientist, Programmer, and Group Leader of the Data Systems Development Group, Standard Reference Data, leading cutting-edge applications of computer technology to the storage, analysis, retrieval, and dissemination of evaluated chemical and physical data.

Dr. Robert Marcus

Dr. Robert Marcus has been active for many years in software standards. He has worked with the DMTF, SNIA, OGF, OMG, Open Group, OCC, NCOIC, and TM Forum to organize major Cloud Workshops and coordination activities such as Cloud-Standards.org. He is currently the leader of the Cloud Standards Customer Council's Government Cloud Working Group. In March 2012, he organized a major Public Sector Cloud Conference that brought together executives from international and US governments with leaders from the Cloud standards, industry associations, and vendor community.

His previous experience includes Director of Technology Transformation and Deployment at

General Motors, CTO of Rogue Wave Software, VP of Technical Strategy at the MCC Research Consortium, Director of Object Technology at American Management Systems, Coordinator of Object Technology at Boeing, Advanced Technology Software Engineer at HP, and Professor of CS at City University of New York. In 2003, he published a book on "Great GlobalGrid: Emerging Technology Strategies."

Katherine McGuire
Vice President of Government Relations
Business Software Alliance

Katherine McGuire is responsible for BSA's US and global public policy programs and oversees a team of government relations professionals in Washington, Brussels and key investment markets. McGuire directs BSA's advocacy campaigns on issues of importance to the high tech industry including intellectual property protection, patent reform, cyber security, and trade.

Prior to joining BSA, McGuire served 17 years in the US Senate. During her Senate tenure, McGuire worked on numerous tech policy issues and a variety of other legislative proposals. For 10 years, McGuire worked for Senator Mike Enzi (R-WY) in various leadership positions, including serving as his Legislative Director, as Staff Director of the Senate Banking Subcommittee on International Trade and Finance, as Staff Director of the Banking Subcommittee on Securities and Investment, and as Professional Representative of the Member on the Senate Foreign Relations Committee. She concluded her Senate career as the Republican Staff Director for the US Senate Committee on Health, Education, Labor and Pensions (HELP), where she led countless legislative initiatives for Senator Enzi.

McGuire's career in Washington began in 1990, when she spent five years as a legislative assistant and floor assistant to Republican Whip Senator Alan Simpson. From 1995 to 1997, she worked on the staff of the Senate Agriculture Committee for Chairman Richard Lugar handling credit and rural development policy. McGuire holds a Bachelor of Science and Master of Science from the University of Wyoming. She is based in BSA's Washington, DC, office.

John Messina
Chair: NIST Cloud Computing Reference Architecture Working Group
Senior Member of Cloud Computing Project
NIST Information Technology Laboratory

John Messina is a senior member of the Cloud Computing (CC) Project at the National Institute of Standards and Technology (NIST). He holds a M.S. in Computer Science and B.S. in Physics and has been working at NIST as computer scientist since 1998. He has a distinguished record of scientific accomplishments, such as publications and industry presentations, and has received several awards, including NIST's Edward Bennett Rosa Award and the US Department of Commerce's Bronze Medal. Having spent the last few years helping developing data dictionaries and data exchange standards for the US Electronics Industry, he has been co-leading the NIST CC Reference Architecture working group. His particular focus has been on leading efforts to create Cloud Computing Ontologies and various taxonomies.

Kevin Mills
Senior Research Scientist
NIST Information Technology Laboratory

Kevin Mills, a senior research scientist at NIST, has held positions in government, industry, and academe over his 30-year career. Since receiving his Ph.D. in Information Technology from George Mason University in January 1996, Dr. Mills has served continuously on the adjunct faculty in the department of information and software engineering, where he won the outstanding adjunct award for 2004. From 1996 to 1999, Dr. Mills served as a program manager for the Defense Advanced Research Projects Agency (DARPA). Prior to joining NIST in 1982, Dr. Mills worked as systems analyst for the System Development Corporation and as software developer for Tesdata Systems Corporation. Earlier in his career, Dr. Mills conducted research and development on automated air defense systems for the United States Marine Corps (USMC).

David Mortman
Chief Security Architect
enStratus

David Mortman is the Chief Security Architect for enStratus. Most recently he was the Director of Security and Operations for C3, LLC. Formerly the Chief Information Security Officer for Siebel Systems, Inc., David and his team were responsible for Siebel's worldwide IT security infrastructure, both internal and external. He also worked closely with Siebel's product groups and the company's physical security team and is leading up Siebel's product security and privacy efforts. Previously, Mr. Mortman was Manager of IT Security at Network Associates, where, in addition to managing data security, he deployed and tested all of NAI's security products before they were released to customers. Before that, Mortman was a Security Engineer for Swiss Bank. Mr. Mortman is a regular speaker at RSA, Blackhat, Defcon. In the past year, he has presented at RSA, SourceBoston, Secure360, Sector and BSides San Francisco. Mr. Mortman sits on a variety of advisory boards including Qualys, Lookout and Reflective amongst others. He holds a BS in Chemistry from the University of Chicago.

Robert Patt-Corner
Systems and Cloud Architect
eGlobalTech

Patt-Corner is a systems and cloud architect with eGlobalTech, supporting the Department of Health and Human Services in its cloud strategy, implementation and architecture. He is a contributor on the recently released NIST SP 800-146, Cloud Computing Synopsis and Recommendations. Previously he worked with the Federal Cloud Computing initiative at GSA on the Infrastructure as a Service offerings, Cloud Platform Services architecture and overall cloud strategy. He has experience implementing complete cloud infrastructures for Government and business including cloud-based hospital systems in current use worldwide. In the days before cloud Mr. Patt-Corner headed a major firm's knowledge management Practice, and led the World Bank's intranet and knowledge management implementations.

Scott Quehl
Chief Financial Officer and Assistant Secretary for Administration
U.S. Department of Commerce

Scott Quehl currently serves as the Chief Financial Officer and Assistant Secretary for Administration at the U.S. Department of Commerce. Mr. Quehl's responsibilities include strategy, formulation, and execution of the Department's $7+ billion budget, service as Chief Human Capital Officer for over 46,000 employees, Chief Acquisition Officer for procurement of over $2 billion in goods and services, Chair of the Department Management Council, Co-Chair of the Department's Labor Management Council, and Co-Chair of the Commerce Information Technology Risk Review Board. He also directs the Department's financial controls and reporting, facilities and other administrative services, privacy and open government functions, program evaluation and risk management, civil rights, security, and the development of the Department's integration of its business customer services infrastructure, consistent with the President's Executive Order for BusinessUSA. Mr. Quehl reports to the Deputy Secretary and is a senior advisor to the Secretary.

Before receiving his commission, Mr. Quehl supported local, state, and national governments in 14 states, the District of Columbia, and four countries in financial stabilization, service delivery improvement, cost containment, revenue enhancement, competitive contracting, workforce, organizational consolidation, infrastructure, and capital market initiatives. As a Managing Director, he served with the Public Resources Advisory Group, JP Morgan Securities and Public Financial Management, Inc. He also served with the District of Columbia Metropolitan Police Department, U.S. Office of Management & Budget, World Bank and the US Peace Corps.

He holds a master's in government administration from the Fels Institute of Government of the University of Pennsylvania, a bachelor's in history and political science from Lawrence University, and held FINRA NASD Series 24, 63, and 7 licenses while at JP Morgan Securities, Inc. He is a fellow of the National Academy of Public Administration.

Scott Renda
Portfolio Manager, Cloud Computing
OMB, Executive Office of the President

Scott Renda currently serves as the Cloud Computing and Federal Data Center Consolidation Initiative Portfolio Manager in the E-Government & Information Technology Office at the Office of Management and Budget. His work includes facilitating the adoption of cloud computing across the Federal government, directing Federal data center consolidation efforts, including policy formation and budget guidance, and supporting these initiatives under OMB's comprehensive effort to Reform Federal IT. Scott also oversees ~5 billion in Federal IT spending at the Departments of Commerce, Transportation and the Small Business Administration.

Previously, Scott spent four years working on proliferation and export control issues at the Departments of Energy, Commerce and Treasury. This work focused principally on curbing the proliferation of WMD. While at the Treasury Department, Scott led the imposition of multiple sanctions packages that targeted the illicit supplier networks that countries of concern use to acquire WMD. At the Commerce Department, Mr. Renda focused on the illicit transfer of technology to foreign nationals inside the United States. All of this work included daily interaction with the agencies spread across the Intelligence Community.

Mr. Renda's career began as healthcare public relations account executive. A love of technology led to a transition to information technology. Subsequently, Mr. Renda spent six years in information technology working as a help desk analyst and manager, network engineer and Director of IT.

Scott Renda is an alumnus of the Maxwell School of Citizenship and Public Affairs and the S.I. Newhouse School of Public Communications, both of Syracuse University. He holds an M.A. in International Relations and B.S. in Public Relations. Hobbies include baseball coaching, cycling, hiking and cooking. He resides in Washington, D.C.

Luis Jorge ROMERO
Director General
ETSI

Luis Jorge Romero, Director General of ETSI. With more than 20-years international experience in the telecommunications sector, prior to being elected in 2011 to lead ETSI, Mr. Romero has held senior management positions in Spain, Morocco and Mexico, predominantly with Telefonica. His achievements include his role in the start up of Telefonica Romania in 1993 and Médi Télécom (Morocco) in 1999, his participation in the merger of Telefonica Moviles Mexico and Pegaso Comunicaciones in 2002 and the set up of the roaming business of Telefonica Moviles Spain. He also oversaw Telefonica's participation in global standardization activities. He has also held the position of Director General of Innosoft, and was a partner and board member of Madrid-based Innology Ventures. Mr. Romero has led several initiatives within different associations in the telecom sector, such as the Spanish Technology Platform for Wireless Communications in Spain, the Ecosystem Working Group in the NGMN Alliance or the Services Review Group in the GSM Association.

Dr. Arnab Roy
Member of Research Staff
Fujitsu Laboratories of America

Dr. Arnab Roy is a Member of Research Staff at the Fujitsu Laboratories of America since 2012. From 2010-11, he was a post-doctoral researcher at the IBM Thomas J. Watson Research Center. Arnab obtained his PhD in Computer Science from Stanford University in 2009, where he was a Siebel Scholar, Class of 2006. He finished his undergraduate studies from Indian Institute of Technology Kharagpur in 2004, where he was awarded the Prime Minister of India Gold Medal for academic excellence. His primary research interest is in construction and formal analysis of cryptographic protocols and primitives.

Yasuo SAKAMOTO

Education: Graduated from Faculty of Agriculture, the University of Tokyo

Career:

2011	Deputy Director-General, Information and Communications Bureau, MIC
2009	Deputy Director-General, National Information Security Center, Cabinet Secretariat
2008	Deputy Director-General, Information and Communications Bureau, MIC
2007	Director, Policy Planning Division, Minister's Secretariat,MIC
2005	Director, General Policy Division, Information and Communications Bureau, MIC
2003	Counsellor, Office of the Assistant Chief Cabinet Secretary, Cabinet Secretariat
2001	Director, Computer Communications Division, Telecommunications Bureau, MIC (January 6, 2001: Reorganization of ministries and agencies)
1980	Joined the Ministry of Posts and Telecommunications (MPT), Japan

Alan Sill
Senior Scientist at the High Performance Computing Center
Adjunct Professor of Physics at Texas Tech University

Dr. Alan Sill is currently Senior Scientist at the High Performance Computing Center and Adjunct Professor of Physics at Texas Tech University, and serves as Vice President of Standards for the Open Grid Forum. He is an internationally recognized expert on advanced scientific computing systems and software, and has played a strong role in many distributed computing, cloud and grid development projects and associated standards efforts.

Dr. Sill serves on the Roadmap Editorial Board (REB) for the Standards and Interoperability for eInfrastructure Implementation Initiative (SIENA)."

SIENA's objectives are complementary to the role of the US National Institute of Standards and Technology (NIST) in cloud standards, guidance and technology. NIST partners with the EC and SIENA specifically in these areas. SIENA & NIST have developed a working relationship to help exchange efforts in common needs, recommendations and next steps.

Eric Simmon
Co-Chair: NIST Federal Cloud Computing Standards and Technology Working Group
NIST Information Technology Laboratory

Eric Simmon is a systems expert in the Electronic Information Group (EIG) at the National Institute of Standards of Technology. He graduated magna cum laude from Worcester, Polytechnic Institute (Worcester, MA) with an electrical engineering degree in 1989 and joined the National Institute of Standards and Technology to work on precision measurements for high voltage and high current. In 2003 he joined the EIG working on using systems modeling to improve the standards development process. He is presently leading the NIST Cloud Business Use Case effort and is NIST Co-Chair for the Federal Cloud Computing Standards and Technology Working Group.

Annie Sokol

IT Specialist, Computer Security Division
Chair: NIST Cloud Computing Standards Working Group
NIST Information Technology Laboratory

Annie Sokol, IT Specialist, Computer Security Division, Information Technology Laboratory, National Institute of Standards and Technology (NIST), has over 30 years of working experience. Since joining NIST ten years ago, she has been involved in standards development work and is presently the Co-Convener of the NIST Cloud Computing Standards Roadmap Working Group. Annie is also the Designated Federal Officer for the Information Security and Privacy Advisory Board (ISPAB). The ISPAB advises the Secretary of Commerce and the Director of the Office of Management and Budget on emerging information security and privacy issues pertaining to Federal Government information systems. As an active member of the NIST PIV card team for the development of FIPS 201, Personal Identity Verification for Federal Employees and Contractors, Annie has also been involved with the USG CIO Council for Privacy. Previously, Annie served as the Vice Chair of INCITS B10.12, Integrated Circuit Cards with Contacts. Before joining NIST, Annie has held various positions in the private sector for over twenty years. She has an MBA and a Master of Science in Information and Telecommunication Systems from Johns Hopkins University.

Param Soni
Chief Architect
Environmental Protection Agency (EPA)

Param Soni is currently Chief Architect at Environmental Protection Agency (EPA). Param provides leadership for information management and technology solutions across the agency. Param chairs an agency wide workgroup from ten regions and headquarters to coordinate initiatives and maintains a technology roadmap/blueprint to support organizational needs. Param certifies agency investments for enterprise architecture, technology/infrastructure standards, system lifecycle management, schedule, and risk management. Param leads and supports agency/federal wide initiatives for Cloud computing, PortfolioStat, Open-Gov, and HSPD-12/Security. Param also leads an agency wide workgroup to develop process, guidelines, and security services for moving applications to the cloud.

Prior to EPA, Param had executive/management positions with IBM, AppsHub, Pricewaterhouse and PRC. Param has a B.S. and a M.S. in Mechanical/Systems Engineering from University of Maryland, College Park. Param completed a Smith Fellow program in Business Entrepreneurship from School of Business at University of Maryland. Param is on the Government Advisory Panel of ACT/IAC. Param is an elected Board Member and serves as Secretary at AFFIRM.

Jane Siegel

Co-Director, Cloud Services Measurement Initiative Consortium (CSMIC) and Senior Scientist, Carnegie Mellon University Silicon Valley

Dr. Siegel is a founding co-director of CSMIC and is working with industry, academic, government and standards-setting organizations to develop the Service Measurement Index (SMI) to support potential adopters of public, private, and hybrid cloud services for a range of cloud-based services. CSMIC's work is being made available to the public. The initial framework of important cloud characteristics was published in September, 2011. Current work is focused on developing measures for a set of 21 of 51 critical attributes to enable decision-makers to make comparative judgments among providers for cloud services they may acquire.

Previously, Dr. Siegel founded ITSqc, LLC the spin-off company launched from Carnegie Mellon to commercialize best practices models for IT-enabled sourcing. The eSourcing Capability Models for Service Providers and for Client Organizations were also developed with a global research Consortium and are accompanied by diagnostic methods used for organizational certification in 45 countries around the globe. From 1994 to 2000, Dr. Siegel directed several large research and evaluation studies aimed at improving both individual and organization performance using mobile collaborative technologies in the fields of education, health, and avionics. She was a Senior Member of the Technical Staff at the Software Engineering Institute (SEI) from 1988-1993 where she led the group addressing methodologies for

assessment of Software Capability Maturity. She also served as Principal Investigator for the National Software Capacity Study.

Dr. Siegel received her Ph.D. from Carnegie Mellon University in 1988. She also received an M.Ed. from the University of Virginia and a B.A. from the University of Colorado, Boulder.

Ken Stavinoha, PhD

Ken Stavinoha, PhD has over 25 years of experience working with large enterprise and government clients in a variety of technology related roles. As a former IT auditor performing both regulatory and non-regulatory audits, Dr. Stavinoha has experience in gap analysis, controls evaluation, controls testing, and remediation. He assists executive management of global clientele in IT security, governance, risk management, compliance, and privacy initiatives and has authored or co-authored five assessment tools. He currently contributes to several of the National Institute of Standards and Technology (NIST) cloud computing working groups focusing on standards development, and holds section leadership roles in the Security and Reference Architecture working groups. Dr. Stavinoha recently conducted one of the first FISMA audits on a cloud computing system for the Department of Energy. Dr. Stavinoha holds a PhD in Information Assurance Policy from the University of Fairfax. He is also a Certified Information Privacy Professional (CIPP), Certified Information Systems Security Professional (CISSP), Certified in Risk and Information Systems Control (CRISC) and currently works for Cisco Systems as a Solutions Architect specializing in IT security, GRC, and privacy.

James A. St. Pierre
Deputy Director
NIST Information Technology Laboratory

James A. St. Pierre is Deputy Director of the Information Technology Laboratory (ITL). ITL is one of six research Laboratories within the National Institute of Standards and Technology (NIST) with an annual budget of $120 million, 367 employees, and about 160 guest researchers from industry, universities, and foreign laboratories.

Along with the ITL Director St. Pierre oversees a research program designed to promote U.S. innovation and industrial competitiveness by developing and disseminating standards, measurements, and testing for interoperability, security, usability, and reliability of information systems, including cybersecurity standards and guidelines for Federal agencies and U.S. industry, supporting these and measurement science at NIST through fundamental and applied research in computer science, mathematics, and statistics. Through its efforts, ITL seeks to enhance productivity and public safety, facilitate trade, and improve the quality of life.

Within NIST's traditional role as the overseer of the National Measurement System, ITL is addressing the hard problems in IT Measurement Research. ITL's research results in metrics, tests, and tools for a wide range of subjects such as complex systems, pervasive information technologies, and virtual measurements, as well as issues of information and software quality, integrity, and usability.

ITL has been charged with leading the nation in utilizing existing and emerging IT to meet national priorities that reflect the broad-based social, economic, and political values and goals of the country. Under the Federal Information Security Management Act, ITL is charged with developing cybersecurity standards, guidelines, and associated methods and techniques. Under other legislation, such as the USA PATRIOT Act, the Help America Vote Act, and the American Recovery and Reinvestment Act, ITL is addressing major challenges faced by the nation in the areas of homeland security, electronic voting, and health information technology. In addition, Mr. St. Pierre coordinates ITL's involvement in the NIST Smart Grid efforts – ITL's contributions to this effort are focused on cybersecurity and networking.

His work has been published in the NIST Journal of Research and in external publications. He has given dozens of presentations on both technical and management topics, to both national and international audiences. Before joining NIST, in 1994, he worked as a technical project leader within Loral Space Systems semiconductor design group and worked for IBM on the development of hardware and software for Los Angeles-class submarines. In addition, he worked with several universities to develop their semiconductor design curricula.

Linda Strick
Fraunhofer-Institute FOKUS

Linda Strick is more than 20 years with Fraunhofer-Institute FOKUS and works as business developer in the application domain of eGovernment. Her main areas of work are in: distributed systems for telecommunications, Service Oriented Architectures and Cloud Computing. She is responsible for the Cloud Computing Lab at FOKUS, which is part of the eGovernment interoperability lab. She has been working with national and international projects, in standardization organizations and published several papers.

Simon Szykman
Chief Information Officer
Department of Commerce

Simon Szykman was named Chief Information Officer (CIO) of the Department of Commerce in May 2010. As the Department's CIO, Szykman is responsible for providing leadership, establishing policy, and maintaining oversight for the information technology investments that support the diverse portfolio of programs across the Commerce Department's dozen bureaus. Szykman most recently served over three years as the CIO of Commerce's National Institute of Standards and Technology (NIST), where he began his professional career as part of the agency's technical staff.

Prior to his work at Commerce, Szykman served as the Director of the National Coordination Office for Networking and Information Technology Research and Development (NITRD), where he was responsible for the coordination of planning, budget, and assessment activities for the Federal NITRD Program. In this role, Szykman reported directly to the National Science and Technology Council and the White House Office of Science and Technology Policy (OSTP) – where he also worked temporarily as a Senior Policy Analyst, focusing on technology-related issues including cyber security and high-end computing.

Szykman has also worked at the Department of Homeland Security (DHS) as the Department's first Director of Cyber Security R&D. There he led the development of cyber security R&D plans, programs, and budgets in support of the Department's mission, as well as the development of the Government's first interagency Federal Plan for Cyber Security R&D.

Szykman received Ph.D. and Master of Science degrees from Carnegie Mellon University, a Master of Engineering Management degree from George Washington University, and a Bachelor of Science degree from the University of Rochester.

Ashit Talukder, Ph.D.
Chief, Information Access Division
NIST Information Technology Laboratory

Dr Ashit Talukder is the chief of the Information Access Division at National Institute of Standards and Technology (NIST), USA. He leads and directs a division of about 100 researchers and staff in the areas of information access, data processing, and information search and retrieval for multimedia, biometrics, visualization, image processing, human-computer interaction, human-factors and usability, and multimodal data processing for science, defense and other applications. In this role, he initiates and leads new research efforts in the above areas, and facilitates collaborations and partnerships between research labs, academia and industry. He was previously at NASA, Jet Propulsion Laboratory, and research faculty at the University of Southern California. He graduated with a PhD from Carnegie Mellon University.

Pete Tseronis
Chief Technology Officer
Department of Energy

Pete Tseronis is the Department of Energy's (DOE) first Chief Technology Officer (CTO), is responsible for providing strategic direction and vision and is charged with establishing a formal, sustainable federal technology deployment program for bringing innovative solutions to tough challenges.

He is the executive sponsor of the DOE's Information Technology Strategic Roadmap, and conducted the first DOE-wide crowdsourcing initiative to help identify how technology can support the mission programs.

His support has also helped foster innovative programs such as Innovation and Technology Summits, sharing information on new technologies and partnership opportunities across DOE, fostering an agile methodology for technology pilots, as well as leading enterprise programs to investigate and plan the deployment of services across DOE and activities focused on citizen engagement.

Pete is focused on identifying opportunities for enterprise IT transformation, including cloud computing services, geographic information systems, and mobility solutions.

Recognized as a thought leader and transformation agent for government IT, Pete focuses on the importance and impact of information management and technologies in supporting federal mission objectives. As the DOE CTO, Pete helps bridge the divide among public and private sectors as well as across federal agencies, and ultimately helps ensure that DOE has world-class services to support its mission.

Federally, Pete is engaged with numerous policy initiatives to represent the interests of the Department and incorporate these strategies into DOE's IT management practices. As a result of his dedication, Pete has been asked to lead numerous federal initiatives, such as Federal Cloud First Task Force, the deployment and enhancements to energy.data.gov, as well other activities to mature Federal IT Infrastructure, including chairing the Federal IPv6 Task Force.

Prior to joining the DOE, Pete served as the CTO and Director of Network Services for the U.S. Department of Education. During his 8 years in this role, Pete assumed a multi-million dollar budget to transform divergent voice, video, and data communications into an enterprise-wide collaboration solution. Pete received his B.A. in Communications from Villanova University and earned his M.S. in Information and Telecommunication Systems from Johns Hopkins University.

Pete began his federal career more than 20 years ago and his leadership, transformational skills and results-oriented approach have been recognized through numerous awards, including being a three-time recipient of Federal Computer Week's Federal 100 Award, and the 2012 GTRA GOVTek "Government Innovator of the Year" award.

Steven VanRoekel
Chief Information Officer of the United States

Steven VanRoekel is the second Chief Information Officer of the United States, appointed by President Obama on August 5th, 2011. Prior to his position in the White House, Mr. VanRoekel held two positions in the Obama Administration: Executive Director of Citizen and Organizational Engagement at the United States Agency for International Development (USAID) and Managing Director of the Federal Communications Commission (FCC). At the FCC, Mr. VanRoekel oversaw all operational, technical, financial, and human resource aspects of the agency. He also led the FCC's efforts to introduce new technology and social media into the agency.

Mr. VanRoekel worked at Microsoft Corporation from 1994 to 2009, most recently as a Senior Director in the Windows Server and Tools Division. He received a B.A. in Management of Information Systems from Iowa State University.

Philip L. Verveer
Deputy Assistant Secretary of State
United States Coordinator for International Communications & Information Policy
Term of Appointment: 08/2009 to present

Ambassador Philip L. Verveer was confirmed as Deputy Assistant Secretary of State and U.S. Coordinator for International Communications and Information Policy in August, 2009.

Ambassador Verveer has practiced communications and antitrust law in the government and in private law firms for more than 35 years. From 1969 to 1981, Ambassador Verveer practiced as a trial attorney in the Antitrust Division of the Department of Justice, as a supervisory attorney in the Bureau of Competition of the Federal Trade Commission, and as the chief of the Cable Television Bureau, the Broadcast Bureau, and the Common Carrier Bureau of the Federal Communications Commission. Between 1973 and 1977, he served as the Antitrust Division's first lead counsel in the investigation and prosecution of United States v. American Tel. & Tel. Co., the case that eventuated in the divestiture of the Bell System. As a Bureau Chief at the FCC, Ambassador Verveer participated in a series of decisions that enabled increased competition in video and telephone services and limited regulation of information services. In 1979, Ambassador Verveer became a charter member of the Senior Executive Service and in 1980 received the Distinguished Presidential Rank award. Between 1981 and 2009, Ambassador Verveer engaged in private law practice in Washington, DC.

In 1995 and 1996, Ambassador Verveer chaired the Federal Advisory Committee that identified the spectrum requirements necessary to afford public safety organizations efficient and interoperable wireless communications. He has served on the Visiting Committee of the University of Chicago Law School and the Executive Committee of the Alumni Board of Governors of Georgetown University.

Ambassador Verveer is a graduate of Georgetown University (1966, BSFS), and the University of Chicago Law School (1969, JD).

Paul Weiss
Senior Cloud Engineer
Eucalyptus Systems

Paul Weiss is a Senior Cloud Engineer at Eucalyptus Systems working with Enterprise customers across the globe. He worked at VMware for over 3 years and has worked with virtualization products for many years. He has also worked as a VMware Specialist at a Premier VMware Partner, a Senior Systems Architect with a primary focus on large Sun environments, and as a Sun Certified Instructor. Paul has over 16 years of Enterprise IT experience and is certified in many solutions like Solaris, Red Hat and VMware.

Paul also served in the U.S. Army for 15 years and is a Gulf War veteran.

Fred Whiteside
Enterprise Architect, Office of IT Policy and Planning Office of the Chief Information Officer
Department of Commerce
Chair: NIST Cloud Computing Secuirty Working Group

Fred Whiteside serves as Project Manager, NIST Cloud Computing program as Co-chair of the Cloud Computing Security Working Group and supporting the Target Business Use Case Development project.   Since 2008 he has served as Manager, Cybersecurity Operations and Critical Infrastructure at the Department of Commerce where he was responsible for developing the DOC CIRT, DOC SOC and Federation of Computer Incident Response Teams across the Department which engaged in coordinated response activities with multiple departments and agencies.

He served as Chief, Security Operations Division and Acting Director of the IT Security Program Office at the US Patent and Trademark Office where he was responsible for standing up its Security Operations Center (SOC) and oversaw multiple security engineering projects supporting one of the federal government's largest and most advanced telework programs. Prior to joining federal civil service he served as project manager in various capacities overseeing cybersecurity efforts at Booz Allen Hamilton and Lockheed Martin.

Yelena Yesha

Professor, Computer Science and Electrical Engineering
University of Maryland Baltimore County

Yelena Yesha received the B.Sc. degree in Computer Science from York University, Toronto, Canada in 1984, and the M.Sc. and Ph.D degrees in Computer and Information Science from The Ohio State University in 1986 and 1989, respectively. Since 1989 she has been with the Department of Computer Science and Electrical Engineering at the University of Maryland Baltimore County, where she is presently a Verizon Professor. In addition, from December, 1994 through August, 1999 Dr. Yesha served as the Director of the Center of Excellence in Space Data and Information Sciences at NASA. Her research interests are in the areas of distributed databases, distributed systems, mobile computing, digital libraries, electronic commerce, and trusted information systems. She published 8 books and over 100 refereed articles in these areas. Dr. Yesha was a program chair and general co-chair of the ACM International Conference on Information and Knowledge Management and a member of the program committees of many prestigious conferences. She is a member of the editorial board of the Very Large Databases Journal, and the IEEE Transaction on Knowledge and Data Engineering, and is editor-in-chief of the International Journal of Digital Libraries. During 1994, Dr. Yesha was the Director of the Center for Applied Information Technology at the National Institute of Standards and Technology. Dr. Yesha is a senior member of IEEE, and a member of the ACM.