



FACULTY

To ensure that the University of Fairfax accomplishes its mission to provide high quality practitioner-oriented graduate programs, the University utilizes an expert professional faculty who are senior practitioners in information security and/or field research methods. These experienced professionals help students to remain current with accelerating trends and evolving issues in Information Security, Information Assurance and Enterprise Management so that they may rapidly apply what they learn to their jobs and continue to advance their careers.

Michael Aisenberg, JD is a Principal in the Information Security & Privacy practice of MITRE Corporation's Defense and Intelligence FFRDC where he provides strategic policy advice to federal agencies managing the security of the nation's most sensitive networks and databases. Mr. Aisenberg also serves as the Chairman of the American Bar Association's Information Security Committee. His prior positions include Special Assistant to the President of EWA Information and Infrastructure Technologies, Inc., a subsidiary of Electronic Warfare Associates and Corporate Director of Government Relations for VeriSign, Inc. where he managed the company's national security, intellectual property and trade policy portfolios, as well as leading the corporate standards policy function. As VeriSign's principal public policy liaison with the Administration and Federal agencies, he supported the CEO's participation in the prestigious Presidential National Security Telecommunications Advisory Committee (NSTAC) and chaired the International Task Force of the NSTAC Industry Executive Subcommittee. Mr. Aisenberg holds a JD from the University of Maine, School of Law and a BA from the University of Pennsylvania. Mr. Aisenberg is a member of the bar of the United States Supreme Court.

Kenneth D. Bahn, PhD has had a distinguished academic career spanning over 33 years. Dr. Bahn has served as the Director of the MBA program at James Madison University (JMU) where he championed the establishment of the first MBA program in Information Security in the U.S. In addition, he achieved NSA Center for Academic Excellence (CAE) status for the program. He has served on dissertation committees and chaired dissertation committees at VA Tech and University of Texas. His areas of research expertise are in children's consumer behavior, brand management, effective communications, environmental and ecological issues in marketing, nutrition, physical fitness and market segmentation. Dr. Bahn has conducted many seminars in the areas of Sales Training and Brand Equity Development. He has consulted for the Embassy of Ghana, the Expert-Witness Round Table Group and companies such as J.C. Penney, Inc., Dr. Pepper 7-Up Company and Dallas Water Utilities. He is the author of several books and has published extensively in refereed journals. Dr. Bahn holds a PhD in Business Administration with an emphasis in Marketing from the University of Utah, and both an MS in Marketing and a BS in Business Administration from California State University, Long Beach.

Alden S. Bean, PhD served as the Executive Director of the Center for Innovation Management Studies (CIMS) at NC State University. Before joining CIMS, Dr. Bean held the Wm. R. Kenan, Jr. Chair in Management and Technology in the College of Business and Economics at Lehigh University. Prior to his Lehigh appointment, Dr. Bean was the Director of the Policy Research and Analysis Division of the National Science Foundation. He also served on the faculties of the University of Cincinnati, the State University of New York at Albany and Northwestern University. Dr. Bean's research involves studies of patterns in the organization and funding of U.S. industrial R&D activities, the role of technology in U.S. firms' corporate strategy, and technological innovation and productivity growth in U.S. firms. He has authored numerous articles on research management and science and technology policy. Dr. Bean earned his PhD from Northwestern University in R&D Management and Organization Theory.

Dominic Boamah, PhD is a consultant on course development for the Distance Learning Center of the Ghana Institute of Management and Public Administration. Previously, he served as Software Test, Certification and Compliance Lead at Nokia, Inc. and TapRoot Systems. Dr. Boamah has had extensive online teaching experience. His presentations include *Surviving as an Online Learner*. Dr. Boamah earned his PhD in Organization and Management with a specialization in Information Technology Management from Capella University. Dr. Boamah holds an MS in Economics and Business Administration from University of Jyväskylä, Jyväskylä, Finland and a Diploma in Data Processing from the University of Science and Technology, Kumasi, Ghana.

Wayne Boone, PhD is a retired senior Canadian Forces Military Police Officer with over twenty-one years of experience in the provision of effective and appropriate Information System security and over twenty-nine years of experience in the provision of Corporate Security, Critical Infrastructure Protection (CIP) and Business Continuity Planning (BCP) for sensitive private and government activities, in both static and deployed environments. Currently he serves as an Assistant Professor at the Norman Paterson School of International Affairs at Carleton University, Ottawa, Ontario. Dr. Boone's research interests are security program governance and leadership, threats to assets (including terrorism and natural hazards), and security policy. He holds a PhD in Information Assurance from the University of Fairfax, an MA in War Studies and a BA in Political Science, both from the Royal Military College, Kingston Ontario.

Certifications: *CD, CISSP, CPP, CBCP, CISM, PCIP*

Khanh P. Bui, PhD has over 20 years of experience in information technology (IT) and IT security. Currently she is a Senior Security Engineer at Northrop Grumman where she has supported the information security needs of customers including the FAA, DHS and the DOD. Dr. Bui was designated a TRW Doctoral Fellow and earned a PhD in Information Technology from George Mason University. She earned an MS in Computer Science from George Mason and a BS in Computer Science from the University of Washington, Seattle.

Certifications: *CISSP, ISSEP, CISA, CAP, Six Sigma Black Belt*

Bryan S. Cline, PhD is the VP, Common Security Framework Development and Implementation for the Health Information Trust Alliance and serves as the Chief Information Security Officer (CISO). He previously served as Director, Information Security for Catholic Health East, a multi-institutional health system consisting of 34 acute care hospitals and numerous other health care facilities in 11 eastern states stretching from Maine to Florida. He has also served as the Chief Information Security Officer and Director of Information Security Risk Management for The Children's Hospital of Philadelphia and as the Technical Director of Information Assurance (IA) Services for QinetiQ North America Defense Solutions. Dr. Cline has more than 25 years of experience in information systems, 10 years of which were in information systems security management and engineering for the DoD and NATO. He has presented and participated in panels at Techno Security, Techno Forensics; Secure World, SC World Congress, and the DoD Cyber Crime Conference. He has also published papers in professional journals such as the Information Systems Control Journal and Journal of Information Assurance and Security as well as in proceedings for INCOSE, IEEE and other conferences and symposia. He is the Founder and Coordinator of the Greater Philadelphia Chapter of the CSO Breakfast Club and member of the Club's national Advisory Council. Dr. Cline holds a PhD in Information Systems with a concentration in IA Policy from the University of Fairfax, an MS in Industrial Engineering with a concentration in Operations Research from the University of Oklahoma and a BS in Mathematics from the University of Texas, Arlington.

Certifications: CISSP-ISSEP, CISM, CISA, CPP, CAP (PM-II), ASEP, MCLAAT, NSA-IAM, and NSA-IEM.

Diane H. Dayson, PhD has over 28 years of experience in management, leadership, change management, incident command, and strategic planning. She is a retired senior executive service (SES) level manager from the US Department of Interior, National Park Service. In her last position with the federal government she served as Executive Director/Superintendent of the Statue of Liberty/Ellis Island National Monuments. On September 11, 2001, Dr. Dayson had the responsibility of leading, managing, and making command decisions for the safety of employees, visitors, and park resources during the World Trade Center attacks. She has also served as Adjunct Professor at the New York University, Robert F. Wagner School of Public Service. Dr. Dayson holds a PhD in Public Policy and Administration from Walden University, an MS in Management from New York University, and BA in Education/American History from SUNY at Cortland.

Lawrence W. Doe, PhD has over 30 years of managerial and technical experience including positions as Senior Technical Director for General Dynamics (formerly Anteon Corporation), CIO for the University of Maryland Biotechnology Institute and Director of Information Systems for British Biotech. He has also consulted with numerous organizations on the use of business systems to enhance productivity. Dr. Doe earned his PhD in Industrial Engineering from Lehigh University, and his MS and BS in Chemistry from Lowell Technological Institute.

Fadwa (Fay) Fayad, PhD has over 20 years of experience in the IT and telecommunications field. Currently, she is a Senior Network Architecture Consultant for CSC in the Information Technology Infrastructure Solutions (ITIS) division of the North American Public Sector for Federal Contracts, where her expertise includes project and program management, engineering, integration, and the operation of large IT systems and networks. Prior to joining CSC, Dr. Fayad was an independent IT consultant and served as a Communications Engineering Officer and Program Manager with Infotech and IEL. In addition, Dr. Fayad has over 19 years of teaching and research experience at various institutions including the U.S. Department of Agriculture, George Mason University, the Fraunhofer Institute and Cairo University. She has authored and co-authored at least 12 published articles. Dr. Fayad earned her PhD in Microbiology jointly from Cairo University/Fraunhofer Institute. Her BS and MS were from Cairo University.

Certifications: PMP

Norma Fleischman, PhD has extensive experience in quantitative and qualitative evaluations, including the design of experimental and quasi-experimental evaluation studies, focus group research and interview protocols. Currently, Dr. Fleischman is a senior evaluator at the U.S. Department of Education's Rehabilitation Services Administration where she designs and oversees studies that assess the impact of the agency's programs and policies on providing effective and efficient services to persons who have disabilities. Previously, she served as Policy Analyst for the USDA, Food Safety Inspection Service. Dr. Fleischman has been the president of Washington Evaluators, a chapter of the American Evaluation Association, for the past five years. Dr. Fleischman earned her PhD in Education from the American University, her MPA from The George Washington University, and her BA from the University of Massachusetts, Amherst.

Sheila Fournier-Bonilla, PhD has over ten years of experience in marketing, teaching, research, program evaluation and assessment at institutions including Rensselaer Polytechnic Institute, Rutgers University, and Texas A&M University. Her teaching focus has included courses in quantitative modeling and business analysis, probability and statistics, quality improvement, and operations management. Dr. Fournier-Bonilla's research interests are in the areas of integrated quality planning, systems management, strategic management, and customer satisfaction. She has published in the areas of quality planning, quality improvement, and environmental assessment. Dr. Fournier-Bonilla holds a PhD in Interdisciplinary Engineering from Texas A&M University, and an MS and BS in Industrial Engineering from Rensselaer Polytechnic Institute.

Jean E. Gordon, RN, DBA has over 25 years of experience in operations management, human resource management and research supervision. Dr. Gordon is an established author of numerous peer reviewed articles and has co-authored many academic texts. In addition, she serves as a reviewer for the Journal of the American Academy of Business. Dr. Gordon earned her DBA with specializations in Human Resources and Marketing from Nova Southeastern University; she earned her MS in Human Resource Management from Nova Southeastern and her BSN from University of Miami.

Steven M. Helwig, PhD is a senior information assurance professional with over 20 years of experience in disaster recovery, organizational security, risk management, policy, compliance and network engineering. Currently he is the Senior IT Security Administrator for the Citizens Property Insurance Company. He served as the Executive Editor of the Compliance Authority Magazine. Dr. Helwig earned his PhD in Information Assurance from University of Fairfax, his MBA in Information Security from Salem International University, his MS in Information Systems from Capella University and his BS in Business Administration from University of Phoenix.

Certifications: *CISSP, NSA IAM/TEM*

Crystal L. Keels, PhD serves as the Program Manager for the Institute for International Public Policy (IIPP) at the United Negro College Fund Special Programs Corporation. She manages selected components of the IIPP Fellowship program including graduate school advisory functions, academic affairs, student affairs and program communications. Prior to joining IIPP, Dr. Keels served as a corporate editor in the private sector, and formerly served as an assistant editor for the magazine, *Diverse: Issues in Higher Education*. She is the recipient of the Cincinnati Editors Association 2000 Publications Competition First-Place Award for magazine writing/interviewing/profile and is the author of several published articles. Dr. Keels also served as Associate Instructor in English at Indiana University where she earned a PhD in English, as well as an MA in English and an MA in Journalism. She holds a BS in psychology from Xavier University.

Aleksandar Lazarevich, PhD is the Chief Engineer with the Department of Defense (DoD) Biometrics Program where he is responsible for all engineering, information assurance, and risk management activity on biometric systems used for forensic and intelligence support throughout DoD. Previously he served as Senior Research Engineer with the Defense Information Systems Agency's (DISA) Enterprise-Wide Systems Engineering office. In addition he served in the following capacities with DISA: Program Systems Engineer (PSE) for the Joint Enterprise Directory Service and the DoD Public Key Infrastructure (PKI) Program and senior engineer with the Joint Interoperability Test Command. As senior engineer, he directed major programs such as the Y2K certification effort for the Executive Office of the President, National Security Council, Office of Management and Budget, White House Communications Agency and Under Secretary of Defense (Logistics). His awards include: a letter of Commendation from the Deputy Under-Secretary of Defense for Logistics (May 2000); election to the *International Who's Who of Information Technology* (2001); DoD 30 year service Certificate (Jan 2004). Dr. Lazarevich earned his PhD in Information Technology, with an emphasis in Information Assurance and Computer Forensics, from George Mason University, an MSEE from the University of Arizona and a BSEE from the University of Wisconsin.

Certifications: *CISSP-ISSAP, CompTIA A+, MCP+I, CCNA, MCSE (NT & 2000)*

David R. Lease, PhD has over 25 years of technical and management experience in the information technology, security, telecommunications, and consulting industries. Currently, he is the Chief Solution Architect for CSC, a \$15 billion systems integrator. His recent projects include a \$2 billion IT security architecture redesign for a Federal law enforcement agency and the design and implementation of a secure financial management system for an organization operating in 85 countries. Dr. Lease is a writer and frequent speaker at conferences for organizations in the intelligence community, DoD, civilian Federal agencies, as well as commercial and academic organizations. Dr. Lease is also a peer reviewer of technical research for the IEEE Computer Society. Dr. Lease earned his PhD in Organization and Management from Capella University. His dissertation, “*Factors Influencing the Adoption of Biometric Security Technologies by Decision- Making Information Technology and Security Managers,*” was nominated for the 2006 Fredric M. Jablin Dissertation Award for its substantial insights and implications for leadership studies. Dr. Lease also earned an MS in Information Systems Management from the University of Southern California, an MBA in Finance from George Mason University, and a BS in Accounting from George Mason University.

Certifications: CISSP, ISSAP, ISSMP, PMP, Six Sigma Black Belt, NSA-IAM, NSA-IEM, CHE, MCSE, CCNA, and ITIL.

Terrence V. Lillard is an IT security architect and cyber forensics expert. He investigates and performs audits and assessments of computer intrusion, network and steganography in cybercrime and cyberforensics cases. Mr. Lillard has testified in US District Court as a Computer Forensics/Security Expert Witness. He has designed and implemented security architectures for various government, military, and multi-national corporations. Previously, he served in positions including Principal Consultant for Microsoft, IT Security Manager for the District of Columbia’s Government IT Security Team, and instructor for the Defense Cyber Crime Center’s (DC3) Computer Investigation Training Academy program. Mr. Lillard earned his MBA from Strayer University and his BSEE from Tuskegee University.

Certifications: CISSP, CCE, SCNP, GIAC-GSEC, MCSE, CompTIA Network+ and I-NET+, CCNA

Craig E. Maddron, PhD has over 15 years of experience in leadership positions in a wide range of areas, including business development, change management, project management, strategic planning and analysis, market research and product development. Currently, at General Dynamics, he serves as the Lead Specialist for Business Management at NOAA (National Oceanic and Atmospheric Administration and NESDIS (National Environmental Satellite, Data and Information Service) where his responsibilities include IT configuration management, project risk oversight and the development of strategic and operational IT plans. In the international arena, Dr. Maddron has been involved in implementing international educational initiatives for the technical professions. In addition, Dr. Maddron has 10 years of teaching experience in higher education and has published numerous articles. Dr. Maddron holds a PhD in Organizational Leadership from Capella University, an MBA in Financial Management from Southeastern University and a BS in Management from Park College.

Carole Mourad, PhD is a Security and Information Assurance specialist with over 10 years of multidisciplinary research, analysis and development experience in the security arena for both government and industry. Her experience includes cryptography, telecommunications, and computer and network security. She is an Expert in telecommunication security and vulnerability assessments on products to be approved on the APL (Approved Product List) for DISA (Defense Information Systems Agency). Currently she is a Subject Matter Expert (SME) Associate Level III in the Cryptologic Systems Group at Booz Allen Hamilton. Dr. Mourad earned her PhD in Electrical and Computer Engineering from the University of New Mexico and both her MS and BS in Electrical Engineering from Cornell University.

J.G. Michael Parkes, PhD has over 25 years of diversified experience in such areas as program and project management, threat and risk assessment and evaluation, environmental security and information technologies in Canada. Dr. Parkes founded Critical MAAS Technologies Inc. (CMTI), specializing in systems evaluation, and CONSILIUM, specializing in legal and regulatory impact analysis and risk management. In 2009, he founded Tusarvik Corp., a company focused on Arctic and northern development, planning and policy issues. Dr. Parkes has been a Visiting Research Professor at Carleton University and an Associate Professor at the Royal Military College, both in Canada. He holds a Professional Certificate in Critical Infrastructure Protection. Dr. Parkes earned a PhD in Geography from University College, University of London, England. He also holds an MA in Geography from University of Western Ontario, London, Ontario, Canada and a BA in Geography from Carleton University, Ottawa, Ontario, Canada.

Laura Pogue, DM is the Chief Executive Officer and President of Complete Consulting, Inc. which provides corporate online education and training for improved growth and profitability in the public and private sectors. Previously, she served as President of American Financial Consulting Group. Dr. Pogue is also a dedicated business educator, having taught business and management classes in the corporate, online, and traditional classrooms for the last decade. She has also served as Doctoral Program Mentor and Capstone Advisor at several Universities, including Jones International University. Over the last several years, Dr. Pogue has published and presented academic articles in the areas of leadership, management, executive compensation and international trade. Dr. Pogue earned a Doctor of Management degree in Organizational Leadership from the University of Phoenix and holds a BBA and MBA from the University of Michigan.

Robert W. Robertson, PhD has more than twenty years of management experience in the public sector in Canada, leading award winning organizations. Most recently, he served as the City Manager, City of Hamilton, Ontario, an organization with more than 8,500 employees and a budget in excess of one billion dollars. Previously, he served as Dean of the Bang College of Business and as Executive Director of the Center for Sustainable Urban Futures at the Kazakhstan Institute of Management, Economics and Strategic Research. He is an invited speaker at conferences world-wide. Dr. Robertson holds a PhD in Management and Organization from Stirling University, Scotland; a Master of Studies in Law in Public Policy/Administrative Law from Vermont Law School; an MPA in Local Government Management from Dalhousie University; an MA in Planning /Community Development from Eastern Kentucky University and a BS in Social Science/Geography from East Tennessee State University.

Donald D. Rogers, PhD has 30 years of management and technical experience. Currently, Dr. Rogers is an Information Assurance Engineer at Computer Sciences Corporation (CSC) and is assigned to the Defense Information Systems Agency. He has held Vice President and Director level management positions at Maximus, Research Development Institute, and Telos. More recently, he has served in hands-on network engineering positions at CACI, Integrated Communications Solutions, and CSC. Dr. Rogers has served as an Adjunct Professor at the University of Maryland (College Park) where he taught research methodology. He earned his PhD in Education from the University of Texas, Austin and his MEd and BS in Communications from the University of Illinois.

Certifications: CISSP, CCSP, CCDP, CCIP, CCNP

Jeffrey Smith has over 29 years of diverse experience in Information Technology and Security including analysis, implementation and testing of applications for both government and commercial organizations. Currently, he serves as a Federal Information Technology Compliance Officer. During his 23 year military career as a Naval Officer, he earned numerous military citations and awards including four Navy Commendation Medals for his work in Information Technology and Security. His positions included Chief Information and Security Officer onboard United States naval Ships and Shore Commands and Special Assistant for Communications on the Admirals Staff at Commander Mine Warfare Command. He is credited for bringing automated communications to the first Avenger class minesweeper. In addition, Mr. Smith serves as a security textbook reviewer for Thompson and Prentice Hall publishers. Mr. Smith holds an MS in Computer Technology from Nova Southeastern University and a BS in Human Resources from Park University. He is currently completing his doctoral research at Northcentral University.

Certifications: CGISCP, CRISC

Gilbert N. Sorebo, JD has worked in the information technology arena for more than fifteen years in both the public and private sectors. Mr. Sorebo currently serves as a Senior Information Security Analyst for SAIC where he assists government and commercial organizations to comply with legal and regulatory requirements including FISMA, GLBA and HIPAA. As an attorney, he specializes in information security, privacy, and electronic discovery. Mr. Sorebo has been active with the American Bar Association's Information Security Committee for several years and has contributed to publications relating to PKI, information security liability, and electronic discovery. He is a regular speaker at information security conferences on topics ranging from electronic discovery to Sarbanes-Oxley. Mr. Sorebo earned a JD from the Catholic University of America Columbus School of Law. He earned his MA in Legislative Affairs from George Washington University and his BA in Political Science from the University of Chicago.

Certifications: CISSP, PMP

Janice M. Spangenburg, PhD has had over 20 years of varied management experience including program management, budgeting, contract administration, and consulting for agencies such as DoD, U.S. Navy, Marine Corps and USPS. In addition, for the past 18 years she has held administrative and teaching positions in higher education. Her academic experience includes serving as Doctoral Mentor and Advisor on Dissertation Committees at institutions such as Capella University and Walden University. Dr. Spangenburg holds a PhD in Organizational Leadership from Regent University; an MA in Organizational Development from the Fielding Graduate School; an MS in Management from Troy University and a BA in Business Administration from St. Leo University.

Leo J. Thrush has 35 years of experience providing vision, leadership, and focus to complex enterprise information technology programs and networks spanning multiple countries and sites. His breadth of experience includes automation and telecommunications security, operations, and policy; space systems network security development, installation, and operation; security hardware and software requirements development, architectural planning and testing; financial and human resources management for enterprise IT operations; strategic communications operations, organizational structure and Certification and Accreditation. Mr. Thrush is the Chief Instructor for (ISC)² and lead trainer and mentor to the National Security Agency (NSA). His previous experience includes positions as Senior Advisor to the US Secretary of Defense (including the President and Senior Cabinet) and Chief of Operations, U.S. Space Command. His commercial training clients include HP, IBM, Microsoft, Cisco, Boeing, Raytheon, Lockheed Martin, and numerous others. He holds an MS in Administration from Central Michigan University and an MS in Strategic Resourcing from the National Defense University. He is a graduate of the Naval War College, the Air Command and Staff College, and the Army Command and Staff College.

Certifications: CISSP, ISSEP, ISSMP, SSCP, PMP, CISM, GCSC, CAP

Mark J. Yader has over 30 years of experience in senior management and technology positions. Mr. Yader currently serves as an independent IT and project management consultant. Previously, at GE he served as Director of E-Commerce Solutions for the Manufacturing Industry and led the product development of GE's Collaborative Supplier Extranet. While serving as Senior Architect for GE's Electronic Commerce Service Center, he led the design, development and deployment of new B2Bi technologies including Internet-based XML/edit messaging services. Mr. Yader received an MS in Computer Engineering from Stanford University and a BS in Applied Mathematics from Columbia University.

Certifications: PMP, Six Sigma Green Belt, ITIL Foundation

Eric W. Yocam, PhD has over 17 years of experience in leadership roles managing multiple global project teams. Currently, he serves as Group Program Manager in the IT division of Microsoft. His previous experience includes positions as Data Center Project Manager for Intuit Corporation and Technical Manager for HP. He holds a Certificate of Director Education, a nationally recognized designation for corporate directors confirmed in 2007 by the National Association for Corporate Directors (NACD) Corporate Directors Institute. Dr. Yocam earned a DBA from the University of Phoenix, an MS in Computer Science from California State University, an MS degree in Finance from Seattle University, an MBA from the University of San Diego and a BS in Computer Engineering from the University of the Pacific.

Certifications: CISSP, PMP, CSDP, MPM, RBA

PROFESSIONAL ADVISORY COUNCIL

The *University of Fairfax Professional Advisory Council* provides guidance and feedback to the University to ensure that the University of Fairfax curricula continue to reflect current industry trends and continue to address the evolving needs of the Information Assurance community.

Susan Baker specializes in workforce development and educational initiatives, primarily in the Commonwealth of Virginia. She is passionate about the promotion and importance of Science, Technology, Engineering, and Math for students. Ms. Baker is a skilled trainer, marketer, and manager with a proven record of increasing organizational effectiveness by creative strategic planning and the development of strong public/private partnerships. Currently, Ms. Baker serves as Virginia's Statewide Base Realignment and Closure (BRAC) Workforce Project Manager, managing workforce and economic development initiatives, primarily at Fort Belvoir and Quantico Marine Base. In addition to statewide BRAC responsibilities, she also works as the Northern Virginia Executive Committee member of the regional Mid-Atlantic Regional Consortium (MARC), with colleagues from Maryland and Washington, D.C., to solve regional BRAC challenges. She has done extensive work in collaboration with the National Science Foundation's Scholarship for Service Program. Recently, she worked on the Information Technology Association of America's (ITAA) partnership project with DOL/ETA to develop the Information Technology (IT) Competency Model. Ms. Baker has served as a business advisor for President Bush's High Tech Growth Jobs Initiative and currently serves on the Advisory Board for Career and Technical Education for Governor Tim Kaine. Previously, Ms. Baker was Vice President of Workforce Development for the Northern Virginia Technology Council (NVTC), one of the largest and most nationally recognized councils in the United States. In this capacity, she worked closely with member company executives to attract top technology and engineering talent to the Northern Virginia region and to build educational pipelines of excellence for future workers. She also worked extensively with executives from IT companies, educational institutions, and federal, state and local officials on workforce and education public policy issues. Ms. Baker served on expert research panels for the National Science Foundation, the American Association for the Advancement of Science, Virginia Polytechnic Institute, and President Bush's Business Advisory Board for "No Child Left Behind." Ms. Baker earned a BA in Economics and French from Duke University. She is also a graduate of Leadership Fairfax – Class of 2001. She received an HR Leadership Award for Greater Washington in June 2003 and was recognized as the National Workforce Professional of the Year in November 2001.

Christopher V. Feudo, DSc has over 27 years of diversified experience in management, leadership, information systems and telecommunications engineering related to Information Assurance for Government and Commercial Systems. Currently he serves as Vice President and CTO of Edgewater Federal Solutions, providing consultative cybersecurity services to the National Nuclear Security Administration within the DOE. His prior position was President and CEO of Secureant. His previous experience includes positions as Director of Security and Privacy Professional Services for EDS and Senior Manager with Lockheed Martin Corporation. Dr. Feudo retired from the US Army where he served in Airborne, Ranger and Special Forces Units, culminating his military career as professor at the Defense Acquisition University. He has been the chairman of numerous subcommittees including the Internet Widespread Outage Committee within the President's National Security Telecommunications Advisory Committee, and was presented Vice President Gore's Hammer Award. Dr. Feudo earned his DSc in Computer Science from The George Washington University, his MS in Computer Science from the Naval Postgraduate School, and his BS in Engineering from the U.S. Military Academy, West Point.

Certifications: DAWIA Program Manager, IAM.

Sarbari Gupta, PhD has been active in the information security arena for over 20 years as an entrepreneur, executive, manager, consultant, system architect, researcher, and software engineer. She has a broad base of knowledge and experience in the areas of identity management, public key infrastructure, secure transactions, and system and network security. Dr. Gupta launched Electrosoft as an IT consulting business in 2001, and has been leading the organization on a variety of information security contracts for federal agencies (including NIST, GSA, NSA, Treasury, DHS, FAA, DEA, DOC, HHS) as well as commercial customers. She has helped to write several NIST standards and guidelines including FIPS 201 (Personal Identity Verification of Federal Employees and Contractors) and Special Pub 800-63-1 (Electronic Authentication Guideline). She has won several business awards including the 2008 *Outstanding 50 Asian Americans in Business Award* from the Asian American Business Development Center (AABDC); *25 Powerful Minority Women in Business* from the Minority Enterprise Executive Council in 2007; and *Fifty Influential Minorities in Business* from the Minority Business & Professionals Network in 2006. Dr. Gupta has authored over 20 technical papers/presentations in refereed conferences and journals, and holds four patents in areas of cryptographic key recovery and penetration analysis. She has participated in many standards activities, and has served as author/editor of ISO hashing standards and Open Group CDSA standards. She has been a Toastmaster since October 2007 and has achieved the Advanced Communicator Bronze (ACB) and Competent Leader (CL) levels. Dr. Gupta earned her PhD and MS in Electrical Engineering from the University of Maryland, College Park and a B.Tech degree in Electronics from IIT, Kharagpur, India.

Certifications: CISSP, CISA, CAP

Chrisan Herrod is the Chief Information Security Officer for the University of Maryland, University College (UMUC) responsible for IT compliance, audit, risk management and business continuity. Prior to this position, she was Vice President for Business Development and Consulting at Compliance Spectrum where she was responsible for advising clients on creating and managing IT risk and compliance programs, forming business and strategic partnerships and driving strategic and thought-leadership/research activities for new products and services. Ms. Herrod has 20 years of private and public sector service; she is a retired federal government Senior Executive, having served as the Chief Security Officer at the Securities and Exchange Commission (SEC) where she was responsible for the Commission's information security, business continuity and IT auditing/ compliance programs. Her private sector experience includes positions as Director of Global IT Security at GlaxoSmithKline (GSK), one of the world's leading pharmaceutical companies. Prior to joining GSK, she was the Director of Information Security at Fannie Mae, a leading real estate, financial institution. She also served as a Senior Executive with the DoD as Program Director for the Information Security Program Office. Ms. Herrod speaks frequently at Compliance and Security conferences and symposiums and has written several articles and book contributions on Compliance and Security. Ms. Herrod received her MS in National Resource Strategy from the National Defense University and her BA in International Relations from Penn State University.

Certifications: CISM, CISA, IAM

Hugh Kominars has over 20 years of experience providing professional and technical advisory services to public and private sector clients across diverse industries including aerospace, defense, manufacturing, financial services and healthcare. Mr. Kominars is the VP of Partners, Alliances and Channels for Control Case, a provider of managed compliance services. Prior to joining Control Case, Mr. Kominars was Senior Manager in Ernst & Young's Advisory Services practice and has been with the firm for 11 years. His expertise includes technical and business risk analysis, internal controls design, business process analysis and redesign, information and security architecture design, data analysis, modeling and simulation, test and quality management, training curriculum development, and project management. Mr. Kominars leads the delivery of IT, security and operational governance, risk and compliance services for global clients headquartered in the Mid-Atlantic Area. The scope of work encompasses domestic and foreign subsidiaries with integrated risk assessments, pre/post system implementation assessments, IT security compliance audits, business continuity and disaster recovery plan reviews, IT service level reviews, data protection and privacy assessments. Mr. Kominars served as an adjunct professor at the University of Fairfax from 2002 to 2005 and was instrumental in developing and delivering graduate level instruction to adult learners in the Information Security domain. Prior to joining the University of Fairfax, he served as an adjunct professor at The George Washington University from 1995 to 2001 and provided graduate level instruction to the Executive MBA and MIS program in the area of systems analysis/engineering, database design, systems development w/CASE tools, and data communications. Mr. Kominars earned his MS in Information Systems from The George Washington University and his BA in Political Science from Virginia Polytechnic Institute.

Certifications: CISM, CISA

David T. Lang has over 30 years of experience in program management, training, counterintelligence, counterespionage, antiterrorism, security, and law enforcement. He currently serves as the Security Senior Manager at Dell and has previously managed major technical programs for industry, the Department of Defense, and several branches of the U.S. Intelligence Community. Mr. Lang served over 20 years in the United States Air Force retiring in 1998 as a Special Agent in Charge. He is a combat veteran and has served in numerous overseas locations in both military and civilian capacities. Mr. Lang has directly supported the U.S. Drug Enforcement Administration, the U.S. DoD Computer Forensics Laboratory, the National Reconnaissance Office, the DoD Counterintelligence Field Activity, and the U.S. Department of Homeland Security. He also served as a United Nations WMD inspector in Iraq in 2003. Mr. Lang is a senior member of the Institute of Electrical and Electronics Engineers (IEEE), a member of the Washington Field Chapter of InfraGard, the Northern Virginia Chapter of the Information Systems Security Association (ISSA), the Association of Former AFOSI Special Agents (AFOSISA), the Federal Law Enforcement Officers Association (FLEOA), and the Association for Intelligence Officers (AFIO).

Certifications: CISSP, CISA, CISM, PMP, CPP, CAS, IAM

Thresa B. Lang, PhD is a recognized leader in certification and accreditation for National Security Systems and a subject matter expert in Information Assurance Policy development and analysis. Currently, she serves as Corporate Security Strategist for Dell Global Security. Previously she was President of Lang Consultants Inc., an independent training and security consulting organization, where she handled computer and video forensics cases for private individuals and educational and private sector organizations. Her prior experience also includes positions as Vice President of Information Assurance and Technology for Special Aerospace Security Systems, Inc. and Director of Security and IT Training for Veridian. In addition, she served as an (ISC)² certified CISSP Review Seminar instructor and created a degree program in Digital Forensics for the George Washington University. Dr. Lang earned a PhD in Information Assurance Policy from the University of Fairfax; she holds an EdS from Nova Southeastern University, an MS in Management Information Systems from Bowie State University, and a BA in Education as well as a BA in French, both from the University of Wyoming.

Certifications: CISSP, CISM, CISA

Lynn McNulty spent most of his thirty-two year government career working in information security at a variety of agencies. He is now an independent consultant providing government affairs, business development, information security policy and program management consulting services to private and public sector clients. Mr. McNulty serves as the Director of Government Affairs for the International Information Systems Security Certification Consortium (ISC)² and represents the Information Systems Security Association (ISSA) on the Executive Board of the Information Technology Sector Coordinating Committee—one of the industry sector specific councils established by the Department of Homeland Security to implement the private/public cooperation model for protecting the nation’s critical infrastructure components. In March of 2005, he was appointed to the Information Systems Security and Privacy Advisory Board, established under the provisions of the Federal Information Security Management Act. This body advises the Director of the Office of Management and Budget, the Secretary of Commerce and appropriate Congressional committees of emerging issues that impact the security of federal information systems and the protection of personal information resident on these systems. Mr. McNulty served on the Board of Directors of (ISC)², the governing body for the CISSP certification program from 1998 to 2005. He is the Co-Chair of the (ISC)² Government Advisory Board. He was awarded the “Industry Citation” at the 2007 meeting of the Colloquium for Information Systems Security Education in recognition of his contributions to the field of Information Security, and was recently inducted into the ISSA “Hall of Fame”. Mr. McNulty earned an MA in International Relations from San Jose State University, and an MS in Administration from the George Washington University. He also received a BA in Political Science from the University of California, Berkley.

Certifications: CISSP

Bruce Morton currently serves as Director, Business Development and Sr. Capture Manager at ManTech International. Previously he was Sr. Manager, Capture Excellence at Lockheed Martin Information Systems & Global Services. He has held prior positions as Principal Consultant at Lohfeld Consulting Group; Vice President, Capture Management at CACI; Director, Corporate Capture Management at Titan Corporation; Sr. Manager DoD Business Development at Lockheed Martin Information Technology; Director, Government Business Development at Lockheed Martin Global Telecommunications; Manager of Business Development at Lockheed Martin Management & Data Systems; Manager of Strategic Planning at Lockheed Martin and Rockwell International; and Spacecraft System Design Engineer at General Electric (GE Aerospace). He has authored and presented numerous conference presentations and proprietary papers with recent topics including Information Security, Information Warfare, Data Mining, and High Performance Computing. Mr. Morton has been the recipient of several awards, including Pioneer in Space Reconnaissance and Recovery from the National Reconnaissance Office. Mr. Morton holds an MS in Mechanical Engineering from University of Pennsylvania and a BS in Aeronautics and Astronautics from New York University.

Ron Oklewicz is the managing partner of iRoar Partners, where he is focused on helping small businesses reach their full potential by assisting them with strategic development, business development, and capital formation. Before starting iRoar, Mr. Oklewicz was the President of Inmedius, Inc., a Carnegie Mellon University spinout that provides web-centric, knowledge-based maintenance solutions for DoD. During his tenure with the company, it was recognized as one of the "Fastest Fifty Growing Technology Firms" in Western Pennsylvania by the Pittsburgh High Technology Council. Prior to Inmedius, Mr. Oklewicz was CEO, COO, and President of TelePad Corporation, a developer and manufacturer of advanced wireless mobile computers and software solutions. In addition to teaming with IBM on a worldwide ISO 9000 product development and manufacturing effort, he led the company's efforts in securing multiple rounds of financing, as well as NASDAQ initial and secondary public offerings. Previously, Mr. Oklewicz pioneered Apple Computer's effort in the federal marketplace as its first General Manager of Federal Operations, increasing annual revenues from \$3 million to \$154 million in four years. At Apple he was the executive-in-charge of securing and managing the Army's Automated Command and Control Systems (ACCS) procurement, the Joint Services World Wide Military Command and Control Contract (WWMCCS) and the World Wide Department of Defense Dependent Schools Contract (DODDS). Prior to Apple, he held senior sales and marketing positions at the Wollongong Group, an early developer of the Internet. He was the Vice President of Sales and Marketing and cofounder of Vidar Systems Corporation, a worldwide manufacturer of document scanners and document management software. At Dialcom, an online services company which pioneered electronic mail and the Congressional Correspondence System, he was responsible for sales and marketing activities that led to the company being acquired by ITT. Mr. Oklewicz has served on several Boards, including Sight Savers International, the American Family Society, the Armed Forces Communications and Electronics Association, as well as several corporate boards. He earned a BA from California University of Pennsylvania and completed the Strategic Marketing Management Program at the Stanford University Graduate School of Business.

Mark D. Rasch, Esq. currently serves as Director of CyberSecurity and Privacy Consulting at Computer Science Corporation. He has previously been a principal at secureITExperts.com, an information security and privacy consulting firm, and has worked with companies such as TJX on data breach and data breach disclosure investigations; developed data breach disclosure policies and procedures for members of the Direct Marketing Association; and developed information security and incident response policies and plans for Fortune 50 companies and major financial institutions. He worked with VISA and MasterCard to help develop the original PCI (Payment Card Industry) guidelines for securing payment systems. He was formerly a Managing Director for Technology at FTI Consulting, the Senior Vice President and Chief Security Counsel for Solutionary, Inc. and Vice President for Cyberlaw for Predictive Systems, Inc., where he provided computer security consulting and implementation services to the US government, intelligence and law enforcement agencies, and commercial enterprises. He is also a founding consultant to TruComply (now TruArx), specializing in PCI compliance solutions. For almost 10 years, Mr. Rasch lead the U.S. Department of Justice's efforts to investigate and prosecute computer and high-technology crimes, developing the DOJ initial guidelines on computer crime investigations, forensics and evidence gathering, and working with Congress to draft and revise computer crime and electronic evidence laws. He investigated and prosecuted the earliest computer crime cases including those of Kevin Poulsen, Kevin Mitnick and Robert T. Morris. Mr. Rasch has written and lectured extensively on computer crime, privacy, trademark, and trade secret issues on the Internet, and has been featured in *USA Today*, *The New York Times*, *NBC Nightly News*, *ABC's Nightline*, *PBS' Technopolitics*, *CNBC*, and *NPR* as an expert on computer law and policy. He authors a monthly column on law and technology on Symantec's *SecurityFocus* website, and is an occasional contributor to *Wired Magazine* and the *Intellectual Property Law Journal*. Mr. Rasch earned his JD from SUNY, Buffalo and his BA from SUNY, Albany.

Larry Rosenfeld is co-founder and CEO of Sage Communications, LLC. As a leading marketing communications professional for over 35 years, Mr. Rosenfeld lends his experience and expertise to developing branding strategies and tactical programs for Sage clients including major international, national and emerging technology companies and government agencies. Prior to Sage, he was the owner and president of one of the largest and most successful integrated marketing communications agencies for high-tech companies - Stackig Advertising and Public Relations (now TMP Worldwide). He was instrumental in the company's growth, developing the company into the largest full-service B2B and B2G agency in the Mid-Atlantic and one of the top 15 technology agencies in the nation. Mr. Rosenfeld has in-depth experience in all facets of marketing, branding, communications and public relations including market research, brand strategy, social media, advocacy, traditional and online advertising, media strategy, interactive and multimedia programs, direct marketing, trade shows, sales promotions, channel marketing, collateral literature, point-of-sale materials, merchandising and video production. A sampling of companies he has served include: AT&T Government Solutions, Juniper Networks Public Sector, Quest Software, Intelsat General, Comtech Mobile Datacom, Ciena, ManTech International, Northrop Grumman, Alcatel, Corvis, CACI, Newbridge Networks, Bosch Telecom, Cable and Wireless, SUPERCOMM, Hughes Network Systems, National Institute of Health, Department of Defense, General Services Administration, FreddieMac, FannieMae and many similar corporation and government agencies. In addition, Mr. Rosenfeld is chairman of the Government Marketing Forum, and serves on the steering committee for the Government Contractors Council. He earned a BS in Business/Journalism from the University of Maryland.

Richard C. Schaeffer, Jr. (Dick) served as the Director, Information Assurance at the National Security Agency (NSA). The Information Assurance Directorate (IAD) is the NSA mission element charged with providing products and services critical to protecting our Nation's critical information and information systems. IAD is also responsible for defining and implementing the Information Assurance Strategy to protect the Department of Defense's (DoD) Global Information Grid (GIG) and supporting ongoing military operations against terrorism by delivering solutions that allow the secure and dynamic sharing of information across security domains at multiple classification levels in today's net-centric environment. His career at NSA for over 30 years included positions as Director, National Security Operations Center, Information Assurance Deputy Director, Acting Associate Director for Research and NSA Deputy Chief of Staff. He also served as Director, Infrastructure and Information Assurance, Office of the Assistant Secretary of Defense (Command, Control, Communications, and Intelligence) at the Pentagon, His numerous awards include the Presidential Rank Award and Secretary of Defense Medal for Meritorious Civilian Service Award. Mr. Schaeffer served in the United States Marine Corps. He earned a BSEE from the Catholic University of America.

Joseph H. Schafer, PhD has a proven record of interagency and industry leadership experience and achievement. He has led innovation as a defense industry executive with extensive experience as a government acquisition professional. He has served customers from the White House to the Intelligence Community and the Joint Staff to the Combatant Commands, Pentagon, and Federal Agencies. He has developed enterprise IT architecture and infrastructure; software as a service, virtualization, service oriented architecture, and cloud computing; enterprise logistics, personnel, and financial systems software development; and security engineering, IA, and cyber operations. Currently, he serves as Vice President for L-3 Communications- Strategic Technologies and Intelligent Solutions (STRATIS). He was promoted to Vice President and Program Manager in July 2008 after leading the team to win the White House IT infrastructure services for the Executive Office of the President of the United States. He serves as Vice President and Program Director for the U.S. Army Information Technology Agency IMCEN (HQDA DOIM) with department manager responsibility for Desktop Operations, Network Systems, Implementation, Service Desk, Information Assurance, Call Center, VTC, as well as Army Operations Center, Army Audit Agency, Defense Media Agency, and other customers. Previously he was Joint Program Manager for the CIO, US Transportation Command and prior to that he was the Product Manager for the Kuwait Iraq Command Control Communications & Computer (PM KICC); Program Executive Officer, Enterprise Information Systems where he formed a world-class team of 1,000 engineers, logisticians, contracting officers, technicians and specialists in the US, Kuwait and Iraq resulting in delivery of mobile and sustainable enterprise C4 systems. He was Senior Research Scientist and Assistant Professor at the United States Military Academy, Department of Electrical Engineering and Computer Science, West Point. While there he managed senior subject-matter experts as a founding leader of the annual IEEE Information Assurance Workshop and establishment of USMA as the first undergraduate institution certified by the NSA for academic excellence in information assurance. He also architected and implemented the Information Warfare Analysis & Research lab with the National Security Agency, directly resulting in the establishment of the annual NSA Cyber Defense Exercise competition. He was a “Federal 100 honoree” for uncommon dedication and unique vision across organizations to improve enterprise services. Dr. Schafer earned a Doctor and Master of Science in Computer Science from George Washington University, an MA in National Security and Strategic Studies at the US Naval War College and a BS in Electrical Engineering and Computer Science, US Military Academy, West Point.

Certifications: PMP

Gary L. Tarbet, PhD has over 15 years of information security experience and 30 years of IT operations management experience. Dr. Tarbet is a senior executive with System 1, Inc., where he provides Information Assurance and CIP support for multiple agencies including writing standards for NIST. Previously, he served with VeriSign as Practice Executive for information security, network engineering, managed services and enterprise management. He has held executive positions with Dotcom Platform, Big Sky Solutions, WinStar Telecommunications, National Electronics Warranty Companies, and SAIC. Dr. Tarbet earned his PhD in Information Assurance Policy from the University of Fairfax. In addition, he earned an Executive Masters in Information Systems from The George Washington University, as well as a dual MS in Oceanography and Meteorology from the Naval Postgraduate School, and a BS in Meteorology from the University of Utah.

Certifications: CISA, CISSP-ISSMP, PMP

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