

FACULTY

In order to ensure that the University of Fairfax accomplishes its mission to provide high quality practitioner-oriented graduate programs, the University must utilize an expert professional faculty who are senior practitioners in information security and/or field research methods. Furthermore, to ensure that students and graduates develop the competencies they need to achieve the professional outcomes they seek, University of Fairfax faculty members must demonstrate graduate teaching capabilities appropriate to the adult learner.

Since the University employs such an experienced practitioner faculty (who serve federal agencies, federal contractors and private sector employers) University of Fairfax students stay current with accelerating trends and critical issues in information assurance and are able to rapidly apply what they learn to their own careers.

The following are short biographies of current University of Fairfax and University of Fairfax Professional Education Institute faculty members:

Khanh P. Bui, PhD has over 20 years of experience in information systems and information 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, Six Sigma Black Belt

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

Dr. Fayad 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 IEI. 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

Christopher V. Feudo, DSc is the President & CEO of Secureant. Dr. Feudo has over 27 years of diversified experience in management, leadership, information systems and telecommunications engineering and Information Assurance for Government and Commercial Systems. Previously, he was the Director of Security and Privacy Professional Services, Electronic Data Systems (EDS), providing end-to-end security capabilities. Dr. Feudo retired from the US Army in Aug 1995 where he served in Airborne, Ranger and Special Forces Units, culminating his career as a LTC and professor at the Defense Systems Management College at Fort Belvoir, Virginia. He has been the chairman of numerous committees 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: CISSP

Sheila Fournier-Bonilla, PhD has over ten years 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. In addition, she has chaired and served as a committee member for dozens of dissertations in areas related to business and technology. 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.

Norma Fleischman, PhD has extensive experience in quantitative and qualitative evaluations including the design of experimental and quasi-experimental evaluation studies, survey design, focus group research, and interview protocols. Currently, Dr. Fleischman is a Policy Analyst for the USDA, Food Safety Inspection Service (FSIS) where she is responsible for providing in-house evaluation consulting to eight FSIS program offices including evaluations in the following areas: agency emergency preparedness, food safety and inspections, training surveys and organization development/management studies. She also serves as the President of the local affiliate of the American Evaluation Association. Dr. Fleischman earned her PhD in Education from American University, her MPA from The George Washington University, and her BA from the University of Massachusetts, Amherst.

Jean E. Gordon, RN, DBA has over 25 years 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.

Crystal L. Keels, PhD is the Internal Editor for MorganFranklin Corporation, a firm that provides professional services and IT solutions for government and commercial clients. Previously, she served as Assistant Editor for the magazine, *Diverse: Issues in Higher Education*. Dr. Keels 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.

Thresa B. Lang, PhD has over 10 years of experience in information systems and security education and currently serves as Vice President of Information Security and Assurance with SASSI. Previously she served as President of Lang Consultants Inc., an independent training and security consulting organization, where she handled computer and video forensics cases for private individuals as well as for educational and private sector organizations. She is an (ISC)² certified CISSP instructor and regularly conducts certification seminars. Dr. Lang earned her PhD in Information Assurance from the University of Fairfax. Dr. Lang received her EdS from Nova Southeastern University, her MS in Management Information Systems at Bowie State University, and her BA from the University of Wyoming.

Certifications: *CISSP, CHS, CISA, CCNA, CISSP Certified Instructor*

Aleksandar Lazarevich, PhD is a Senior Computer/Electronics Engineer with the Joint Interoperability Test Command, Defense Information Systems Agency. He has over 29 years Federal Civil Service experience in the field of Information Systems Engineering and holds the rank of Senior Member of the Institute of Electrical and Electronics Engineers. He was responsible for major information system programs for such organizations as the White House Communications Agency, Executive Office of the President and the Deputy Undersecretary of Defense for Logistics. Dr. Lazarevich earned his PhD in Information Technology with an emphasis in Information Assurance and Computer Forensics from George Mason University. In addition, he earned his MSEE from the University of Arizona and his BSEE from the University of Wisconsin.

Certifications: *CISSP, DOD CIO, ISSP, CCNA, CompTIA A+ and Network+, MCP+I, MCSE*

David R. Lease, PhD has over 25 years of management experience in the information technology, security, telecommunications, and consulting industries. Currently, he serves as Operations Director for CSC. 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 MS in Information Systems Management from University of Southern California and his MBA in Finance from George Mason University. He holds a BS in Accounting from George Mason University.

Certifications: *CISSP, ISSAP, ISSMP, PMP, NSA IAM, NSA IEM*

Terrence V. Lillard has over 20 years of technical consulting experience in the information technology/security arena. Currently, as the President of T. Lillard Consulting, Inc., he functions as an information security architect and as a cybercrime and cyberforensics expert. He is actively involved in computer, intrusion, network and steganography cybercrime and cyberforensics cases, including investigations, security audits and assessments; the design and implementation of security architectures for the enterprise; and the Security Expert Witness testimony in U.S. Federal Court. As a member of Microsoft Corporation's consulting practice, he served as the Security Operations manager for the District of Columbia's government IT Security Team. He has taught IT security, cybercrime and cyberforensics at Georgetown University and George Mason University. 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 Ernest 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.

Patrick H. Neary is Program Manager/Senior Systems Analyst at General Dynamics (formerly Anteon Corporation). He has more than 25 years of experience in systems analysis and information systems development of automated information systems. In addition, Pat has served as an adjunct instructor in IT for Keller Graduate School of Management and Central Michigan University. He earned his MS in Systems Management-Information Systems from the University of Southern California and his BS in Mathematics from Wake Forest University.

Rosalie Norem, PhD has over 25 years of varied experience in consulting, strategic planning, organizational development, training, and performance measurement and evaluation for domestic and foreign non-profit organizations, including USAID. Dr. Norem has supervised research at Iowa State University and Penn State University and has published extensively in peer-reviewed journals. Dr. Norem earned a PhD in Family Studies and Social Psychology from the University of Minnesota, an MS in Family Environment and a BS in Education from Iowa State 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. Dr. Parkes earned a PhD in Geography from University College, University of London. 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.

Donald D. Rogers, PhD has 30 years of management and technical experience. Currently, Dr. Rogers is a Senior Engineer at Computer Sciences Corporation (CSC) and is assigned to the Department of Justice. 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 (Urbana).
Certifications: CISSP, CCSP, CCDP, CCIP, CCNP

Neil Sachdev is an information security professional with over 18 years of diverse experience in information assurance, systems engineering and telecommunications. Mr. Sachdev is the Chief Information Assurance Architect for Boeing's S&IS Mission System business unit where he is the Subject Matter Expert in the area of design and successful implementation of DCID 6/3, NIACAP, DIACAP/DITSCAP and FISMA-based information security Certification and Accreditation programs. Previously, Mr. Sachdev has worked with companies including Booz Allen and Hamilton and Andersen Worldwide. Mr. Sachdev holds an MS in Telecommunications and Information Security from Johns Hopkins University, a BS in MIS Operations Management, as well as a BS in Economics, both from University of Delaware.
Certifications CISSP, CISA, CISM

Jeffrey Smith has over 25 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 Facility Information Security Officer for a major medical center and four clinics operated by the Department of Veterans Affairs. 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 USS Inchon and Special Assistant for Communications. He is credited for bringing automated communications to the first Avenger class minesweeper. In addition, Mr. Smith serves as a security textbook reviewer for Thomson 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 Nova Southeastern University.
Certifications: CISSP

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

Gary L. Tarbet, PhD has over 15 years of information security 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 from the Naval Postgraduate School, and a BS from the University of Utah.

Certifications: CISSP, ISSMP, PMP CISA

Leo J. Thrush is the senior partner in the consulting firm of Thrush Consulting. He has thirty years experience in automation and telecommunications security, security operations and policy, space systems network security and strategic communications operations. He is a certified expert in electronic warfare, enterprise network security/computer network defense, telecommunications security management, communications security (COMSEC), and enterprise network engineering/security engineering. He has been a Designated Accrediting Authority (DAA) on several occasions providing over ten years experience in Certification and Accreditation. He holds a Masters of Science Degree in Administration from Central Michigan University and 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, CBCP, GCSC

Frederick G. Tompkins is a recognized authority in information security policy and risk management with over 30 years experience in the field. In addition to serving as CISO in both industry and government organizations, he served as a Senior Manager of IT Security and Risk Management for BearingPoint, Inc. Mr. Tompkins was a contributing author of input from the information technology and telecommunications industry to the National Strategy on Cyberspace Security. In addition, he has served on the President's National Security and Telecommunications Advisory Committee, the FCC Network Reliability and Interoperability Council and the Center for Strategic and International Studies' Global Organized Crime Task Force on Information Assurance/Information Warfare. Mr. Tompkins received his MLS in Interdisciplinary Technology with a concentration in Information Security from Eastern Michigan University and his BS in Technology Management from American University.

Mark J. Yader has over 25 years 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/edi messaging services. Mark received an MS in Computer Engineering from Stanford University and a BS in Applied Mathematics from Columbia University.

Certifications: PMP, Six Sigma Green Belt

PROFESSIONAL EDUCATION INSTITUTE

UoF has established the *Professional Education Institute* (PEI) to support the continuing professional education needs of students and alumni, as well as the University's community of Information Security professionals. Through webinars and online workshops conducted by faculty and industry experts, participants may earn *Continuing Professional Education* (CPE) Units that can be applied towards industry certification requirements. Listed below are the PEI faculty:

Eric B. Cole, PhD is a leader in the Information Security arena with over 15 years of experience in Network Security consulting and was a major contributor to the development of several of the GIAC certifications. His clients include leading international banks, Fortune 500 companies, and the CIA. As a recognized industry expert, Dr. Cole has presented at a variety of security conferences including SANS, and has been interviewed by CBS News, 60 Minutes and CNN. He is a member of the HoneyNet Project and the CVE Editorial Board, and is a recognized author of several books, including *Hackers Beware* and *Hiding in Plain Sight*. Dr. Cole received his PhD in Network Security from Pace University, and earned both his MS and BS in Computer Science from New York Institute of Technology.

Certifications: *CISSP, MSCE, CCNA, ISSP*

Chrisan Herrod has over 20 years experience in IT security, including her previous position as Chief Security Officer of the U.S. Securities and Exchange Commission. Currently, she is the Executive Consultant of Compliance Solutions for Scalable Software, LLC where she guides customers through complex IT compliance regulations. At the SEC she was responsible for information security and IT business continuity. She also served in executive IT security roles with GlaxoSmithKline and Fannie Mae and as an advisor to the Health Care Industry Information Sharing and Analysis Center. 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 M. Kominars has over 15 years of technical experience in the information security arena. Currently he serves as Senior Manager of IT Integrity & Security for Ernst & Young, L.L.P. His previous experience includes positions as Program Manager for TRW/BDM International and Senior Consultant for Booz, Allen & Hamilton. In addition, he has served as an adjunct professor at The George Washington University. Mr. Kominars received 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 25 years experience in technical program management, counterespionage, antiterrorism, security, computer forensics, and law enforcement. Currently he is Director, Information Assurance and Forensics for Abraxas. Previously he served as Director of Digital Forensics, for McDonald Bradley and Forensic Systems Business Area Manager for General Dynamics. In addition, he served 10 years as a Special Agent for the United States Air Force. Mr. Lang received his EdS from Nova Southeastern University, his MS in MIS from Bowie State University and his BS from Excelsior College. He is currently completing his doctoral studies at the University of Fairfax.

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

James P. Litchko has over 30 years experience as a Senior Information System Security/Information Assurance professional. He is President of Litchko and Associates, Inc. where he is the IT Security subject matter expert and strategic advisor to corporate clients. Previously, he was the CEO and co-founder of Digital Data Development, Inc. and Vice President of ISS/IA Operations for Telos Corporation. He is an International Professional keynote speaker and facilitator providing training to executives and mid-managers on cyber-terrorism and information assurance issues. In addition, he is the author of several books including KNOW IT Security and KNOW Cyber Risk. Mr. Litchko earned an MAS in Information Systems from Johns Hopkins University and a BSIT from Ohio University.

Colleen F. Murphy has more than 18 years experience in information technology and information security. Currently, she serves as the Director of Compliance Solutions Delivery for Scalable Software, LLC. As a senior executive with the federal government for the past eight years, she advised senior government leaders, CEOs and CIOs on the implementation of information security and risk management programs. As an IT security executive for the Internal Revenue Service, she led several information security initiatives, including a program that prevented unauthorized use of taxpayer information by IRS employees or contractors. Ms. Murphy earned her MS in Computer Science as well as her BS from Stephen F. Austin State University.

Certifications: CISSP

Russell M. Shumway has over 12 years experience in Information Security and Incident Response. In his current position he provides technical incident response, computer security, forensics, and electronic discovery advice to both public and private sector organizations. As the Technical Director for Response Services for Global Integrity he managed the company's Open Source Monitoring Program and assisted in the development and implementation of the Information Sharing and Analysis Center (ISAC) for the financial services sector. As a U.S. Army Reserve Officer, he performed vulnerability assessments and audits of classified and unclassified military computer networks for the Army Computer Emergency Response Team. He was the first person (military or civilian) to be certified to execute penetration tests on Army systems. He is the co-author of *Incident Response: A Strategic Guide to Handling System and Network Security Breaches* and *Wireless Security End-to-End*. Mr. Shumway earned an MS in Management of Information Systems and an MBA from Katz Graduate School of Business at the University of Pittsburgh. In addition, he earned a BA from the University of Pennsylvania.

Certifications: CISSP

Clifton H. Poole is a retired US Army officer with over 21 years of teaching, leadership, technology and management experience. Currently he is a Security Engineer for the Joint Program Office's Global Broadcast Service. Previously he served on the faculty of National Defense University, where he taught Department of Defense executives at the graduate level in the areas of policy development and critical systems technology infrastructure protection and security. Mr. Poole is currently pursuing his doctoral coursework at Nova Southeastern University. In addition, he earned his Master of Military Arts and Sciences from the Command and General Staff College, his MS in Computer Science from Northwestern University, and his BS in Computer Science from Columbus State University.

Certifications: CISSP, CISM, IAM

Mark D. Rasch, JD is a Managing Director of the Technology practice for FTI Consulting where he focuses on computer security, privacy and incident response. Mr. Rasch has over 24 years experience in the information security field, having served for nine years as the head of the United States Department of Justice computer crime unit, and having prosecuted key cases involving computer crime, hacking, computer fraud and computer viruses. Previously, Mr. Rasch helped establish the SAIC Center for Information Protection (CIP), a business unit within SAIC dedicated to commercial information security consulting. Mr. Rasch is frequently featured in news media on issues related to technology, security and privacy. He writes a monthly column in Symantec's *Security Focus* online magazine on issues related to law and technology and is a regular contributor to *Wired* magazine. Mr. Rasch earned his JD from the SUNY, Buffalo and his BA in from SUNY, Albany.

Kishor Vaswani is the CTO of ControlCase and is responsible for the ControlCase Compliance Manager suite of products. Mr. Vaswani has extensive experience across a broad range of security, privacy and regulatory issues. Formerly with Ernst & Young LLP, Kishor led numerous projects for Fortune 500 clients spanning across regulatory policies, security reviews, and assessment of onshore and offshore vendors. He has served as an advisory member on a Joint Commission on Technology and Science (JCOTS) for the Commonwealth of Virginia. He has been a speaker on multiple occasions, including the MIS Conference and ISACA. Mr. Vaswani holds an MBA from the University of Maryland and an Engineering degree from India.
Certifications: CISSP, CISA

Erik M. Winkler has over 15 years of technical experience in UNIX and Windows software development, system engineering, electronic commerce, and Internet application development and system administration. Currently, he is a Senior Manager in the Professional Services group at Betrustrad, Inc. Previously, he was a Manager in the Security & Technology Solutions group at Ernst & Young LLP. Mr. Winkler earned his MS in Engineering Physics from the University of Virginia and his BS in Physics from the University of Vermont.
Certifications: CISSP