

Education

Bachelor of Science, European Studies, United States Naval Academy (USNA)
Naval Aviator, Undergraduate Pilot Training - Rotary Wing, United States Navy
Master of Science in Systems Management, University of Denver
Diploma in Aviation Safety, Naval Postgraduate School
Ph.D. studies in Computer Science & Technical Communication, Illinois Institute of Technology (IIT)

Academic experience*Illinois Institute of Technology**Ranks*

Industry Professor of Information Technology and Management, 2011-Present, Full time
Adjunct Professor of Public Administration, 2007-Present, Part time
Lecturer in Information Technology and Management, 2002-2011, Part-time
Lecturer in Computer Science, 2001-2002, Part time
Lecturer in Business (E-Commerce), 2000-2002, Part Time
Adjunct Assistant Professor of Computer Science 1995-2001, Part time
Assistant Professor of Naval Science, 1992-1994, Full time

Titles

Associate Chair, Department of Information Technology and Management, 2012-Present, Full time
Director of Undergraduate Advising, Department of Information Technology and Management, 2012-Present, Full time
Associate Director, Center for Cyber Security and Forensics Education (C²SAFE), 2018-Present, Full time
Interim Associate Director, Center for Cyber Security and Forensics Education, 2014-2018, Full time
Associate Director of Information Technology & Management Programs and Undergraduate Adviser, 2007-2012, Full time
Curriculum Coordinator for Information Technology & Management Programs and Undergraduate Adviser, 2002-2007, Full time
Curriculum Coordinator for Internet Education, Department of Computer Science and Applied Mathematics, 1995-1999, Part time
Program Manager, graduate-level Certificate Program in Educational Technology, Department of Computer Science and Applied Mathematics, 1996-1998, Part Time
Curriculum Coordinator and Sophomore Adviser, Department of Naval Science, 1992-1994, Full time

Non-academic experience*Illinois Institute of Technology*

Director of Information Technology, IIT School of Applied Technology and IIT Center for Professional Development; responsible for managing staff and assets including all computer laboratories, faculty and staff computer assets, UNIX/Linux/Windows/Vmware/XenServer servers, networks, and multiple Web sites. 2002-2016, Full-time
Manager of Client Services, Computing and Network Services (university central computing organization); managed staff and assets including university Web site, all computer laboratories, Novell networks, and Helpdesk services. 1997-1999, Full time
Manager, Instructional Multimedia Center; conducted faculty training seminars, provided support for university faculty use of multimedia presentation tools and World Wide Web in an instructional environment. 1995-1997, Full time

United States Navy

Operations Officer for a 10 aircraft Anti-Submarine Warfare helicopter squadron. Managed over \$130 million worth of aircraft assets with 99.5% utilization of available resources. Acted as Commanding Officer in his absence. 1991-1992, Full time
Safety Officer for two Anti-Submarine Warfare helicopter squadrons. Both units experienced zero aviation or ground mishaps during my tenure in this role. Implemented NAVOSH (Navy version of OSHA) from the ground up in both squadrons. 1987-1988 & 1990-1991, Full Time
Information System Security Officer, Security Manager, and Information Systems Manager; responsible for acquisition, management and security of computer assets, and direction of physical and document security programs for Helicopter Antisubmarine Squadron (Light) 31. 1988-1990, Full time
Aviation Detachment Officer-in-Charge of a single aircraft unit operating entirely detached from the parent unit including two periods supporting hydrographic survey operations in Indonesia, and a circumnavigation of South America conducting anti-submarine warfare and anti-surface warfare joint operations with local navies. 1986-1991, Full time
Student Control Officer (equivalent role to Dean of Students/Academic Dean) for Navy Advanced Undergraduate Helicopter Pilot Training; instructed advanced helicopter students both in the cockpit and in the classroom. Coordinated all postgraduate assignments; arranged and conducted all graduations; managed student grading standards. 1983-1985, Full time

Certifications

CompTIA iNet+ (CompTIA Subject Matter Expert)

Current membership in professional organizations

Association for Computing Machinery + SIGITE, SIGUCCS, and SIGSAC
Association of Information Technology Professionals
Information Systems Audit and Control Association
The Internet Society
Internet Corporation for Assigned Names and Numbers
Professional Member, Gamma Nu Eta - the Information Technology Honor Society
Naval Helicopter Association

Honors and awards

Dean's Educational Excellence Award, IIT School of Applied Technology, 2018
Principal Investigator, subgrant of Women in Cybersecurity Conference grant, National Science Foundation, 2017-2018

Honors and awards (continued)

Principal Investigator, Cybersecurity National Action Plan (CNAP) Investment in Expansion of CAE-C Education Programs Grant, National Security Agency, 2017-2018
Excellence in Teaching Award, IIT School of Applied Technology, 2012
Professional Member, Gamma Nu Eta - the National Information Technology Honor Society 2011
Navy Commendation Medal, 1992
Navy Achievement Medal, 1990 and 1991

Service activities*Illinois Institute of Technology*

Member, NCA Accreditation Advisory Committee, 2011-Present
Co-Chair, Quality Improvement Initiative Subcommittee, 2012-Present
University Faculty Council 2016-2018
Undergraduate Studies Committee representative, 2016-2018
Advising Committee, 2018-present
Co-Terminal Degree Committee, 2016-present
ABET Accreditation Coordinator, Department of Information Technology and Management, 2014-Present
National Center of Academic Excellence in Cyber Defense Education Coordinator, Department of Information Technology and Management, 2014-Present
Faculty Adviser, Beta Chapter, Gamma Nu Eta - the National Information Technology Honor Society, 2011-2015, 2019-Present
Member, Undergraduate Studies Committee, 1992-1994, 2010-Present
Chair, 2016-2018
Vice Chair, 2014-2016
Introduction to the Professions Subcommittee, 2013-2016
Co-Terminal Degree Subcommittee, 2011-2012
Chair, Honors IT Advisory Board, Daley College, 2004-2006
Faculty Adviser, IIT ACM Chapter, 1996-1999
Faculty Adviser, IIT Officers Christian Fellowship Chapter 1993-1999
Co-Chair, World Wide Web Policy Committee, 1996-1998
Co-Chair, World Wide Web Working Group, 1995-1996

Associations/Industry/Community

Co-Chair, Women in Cyber Security Conference (WiCyS; NSF-funded National Conference) 2018
Association for Computing Machinery Special Interest Group in Information Technology Education (ACM SIGITE) 2012-Present
Vice Chair, 2018-Present
Executive Committee member, 2015-2018
ABET Program Evaluator for Cybersecurity Programs, 2018-present
ABET Program Evaluator for Information Technology Programs, 2014-present
Computer Networking and Systems Advisory Board, Oakton Community College, 2018-Present
Computer Information Systems Advisory Board, Triton College, 2015-Present
Dean's Panel Moderator, Illinois Technology Foundation Educator Series, 2015
National Chair, Gamma Nu Eta, the Information Management Honor Society 2012-2013
Advisory Committee, Chicago Premier CIO Forum, 2010, 2015
Computer Information Systems Advisory Board, College of DuPage, 2008-Present
Computer and Internetworking Technologies Advisory Board, College of DuPage, 2008-Present
Panelist and Speakers Bureau member, Technology Executives Club, 2008-2015
Founding Member, Council of the World Wide Web Virtual Library, 1999-2005 (The WWWVL was founded by Sir Tim Berners-Lee)
Association of Internet Professionals Certification Accreditation Council, 1999-2003
Subject Matter Expert, CompTIA iNet+ Certification, 1998-2000
United Way/Crusade of Mercy of Chicago Information Technology Committee, Chicago, Illinois 1996-1999
Naperville Area Chamber of Commerce, Naperville, Illinois 1995-1998
Member, Technology Leadership Committee and 1996 Technology Expo Planning Committee
Naval Academy Information Affiliate, United States Naval Academy, 1994-1996
Webmaster, United States Naval Academy, 1994-1996 (First webmaster for USNA)

Publications and presentations

Presentation: "Emerging Challenges in Enterprise Information Technology Security Policy", NetSecure 2010, IIT Rice Campus Wheaton, Illinois, March 4, 2010
Presentation: "Security and Trust in the Cloud", NetSecure 2011, IIT Rice Campus Wheaton, Illinois, March 25, 2011
Presentation: "Virtualization and Cloud as Disaster Recovery Solutions", ForenSecure 2012, IIT Rice Campus Wheaton, Illinois, April 19, 2012
Presentation: "Enterprise Policies for Mobile Device Security", ForenSecure 2013, IIT Rice Campus Wheaton, Illinois, April 18, 2013
Presentation: "Law Enforcement Override of Unmanned Autonomous Logistics Vehicles (Pulling over a Robotruck)", ForenSecure 2015, IIT Rice Campus Wheaton, Illinois, April 17, 2015
Presentation: "Cyber-Geography: NSA National Center of Academic Excellence in Cyber Defense Course Mapping for 2-year programs" ForenSecure 2016, IIT Rice Campus Wheaton, Illinois, April 15, 2016
Presentation: "Comprehending the Crushing Cost of Complexity", CDM Media CIO Midmarket Summit, Chicago Illinois, October 25, 2016
Presentation: "Breaking Out the Cyber Security Workforce Framework", ForenSecure 2017, IIT Rice Campus Wheaton, Illinois, April 28, 2017