

**Education**

Bachelor of Science, European Studies, United States Naval Academy  
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

**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*

Interim Associate Director, Center for Cyber Security & Forensics Education, 2014-Present, Full time  
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 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); responsible for managing 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+

**Current membership in professional organizations**

Association for Computing Machinery + SIGITE and SIGUCCS  
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

**Honors and awards**

Principal Investigator, Cybersecurity National Action Plan (CNAP) Investment in Expansion of CAE-C Education Programs Grant, National Security Agency, 2017-2018  
Principal Investigator, subgrant of Women in Cybersecurity Conference grant, National Science Foundation, 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  
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  
Computer Networking and Systems Advisory Board, Oakton Community College, 2018-Present  
Association for Computing Machinery Special Interest Group in Information Technology Education (ACM SIGITE) 2012-Present  
Executive Committee member, 2015-present  
ABET Program Evaluator for Information Technology Programs, 2014-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  
United Way/Crusade of Mercy of Chicago Information Technology Committee, Chicago, Illinois 1996-1999  
Founding Member, Council of the World Wide Web Virtual Library, 1999-2005  
Association of Internet Professionals Certification Accreditation Council, 1999-2003  
Subject Matter Expert, CompTIA iNet+ Certification, 1998-2000  
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

**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