**Raymond E. Trygstad | trygstad@iit.edu | 630.447.9009**

**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  
Ph.D. studies in Computer Science & Technical Communication, Illinois Institute of Technology

**Academic experience**

*Illinois Institute of Technology (IIT)*

*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  
Adjunct Assistant Professor of Computer Science 1995-2001, Part time  
Assistant Professor of Naval Science, 1992-1994, Full time

*Titles*Associate Chair and Director of Undergraduate Advising, Department of Information Technology and Management, 2012-Present, Full time  
Associate Director, Center for Cyber Security and Forensics Education, 2014-Present, Full time  
Program Manager, graduate-level Certificate Program in Educational Technology, Department of Computer Science and Applied Mathematics, 1996-1998, Part Time  
Curriculum Coordinator/Sophomore Adviser, Department of Naval Science, 1992-1994, Full time

**Summary of non-academic experience**

*Illinois Institute of Technology*

*Director of Information Technology*, IIT School of Applied Technology. 2002-2016, Full-time  
*Associate Director for Information Technology*, IIT Rice Campus. 1999-2012, Full-time  
*Manager of Client Services*, IIT Computing and Network Services. 1997-1999, Full time

*United States Navy*  
*Operations Officer*, 10 aircraft Anti-Submarine Warfare helicopter squadron. 1991-1992, Full time  
*Safety Officer* for 2 ASW helicopter squadrons. 1987-1988 & 1990-1991, Full Time *Information System Security Officer, Security Manager, and Information Systems Manager* for Helicopter Antisubmarine Squadron (Light) 31 (HSL-31). 1988-1990, Full time  
*Aviation Detachment Officer-in-Charge* of a single aircraft unit operating at sea entirely detached from the parent unit, HSL-31 and HSL-34. 1986-1991, Full time  
*Student Control Officer* (equivalent role to Dean of Students/Academic Dean) *and Flight Instructor* for Navy Advanced Undergraduate Helicopter Pilot Training. 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 SocietyInternet Corporation for Assigned Names and Numbers

**Selected honors and awards**Dean’s Educational Excellence Award, IIT School of Applied Technology, 2018   
Principal Investigator, subgrant of Women in Cybersecurity Conference NSF grant, 2017-2018  
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

**Significant service activities**

*Illinois Institute of Technology*  
Member, HLC Accreditation Advisory Committee, 2011-Present  
 Co-Chair, Quality Improvement Initiative Subcommittee, 2012-Present  
University Faculty Council 2016-2018  
 Undergraduate Studies Committee representative, 2016-2018

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, 2014-2019

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

*Associations/Industry/Community*  
Co-Chair, Women in Cyber Security Conference (WiCyS; NSF-funded Conference) 2018  
Association for Computing Machinery Special Interest Group in Information Technology Education (ACM SIGITE) 2012-Present; Vice Chair, 2018-Present  
ABET Program Evaluator for Cybersecurity Programs, 2018-present  
ABET Program Evaluator for Information Technology Programs, 2014-present

**Publications and presentations**   
*Presentation:* “Breaking Out the Cyber Security Workforce Framework”, ForenSecure 2017, IIT Rice Campus Wheaton, Illinois, April 28, 2017  
*Poster Presentation:* Michael H. Dunn, Robert J. Caruso, Laurence D. Merkle, & Ray Trygstad. 2018. “Proposed Cybersecurity Merit Badge for the Boy Scouts of America:” (Abstract Only). In Proceedings of the 49th ACM Technical Symposium on Computer Science Education (SIGCSE ’18). ACM, New York, NY, USA, 1085-1085. DOI: https://doi.org/10.1145/3159450.3162280   
*Poster Presentation:* Dunn, Michael & J. Caruso, Robert & T. Craven, Patrick & Frost, Lorraine & Trygstad, Ray. (2018). “Proposed Cybersecurity Merit Badge for the Boy Scouts of America.” 22nd Annual Colloquium for Information Systems Security Education (CISSE). New Orleans, LA, June 2018.

**Professional development activities**  
ACM SIGITE Conference, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019  
National Initiative for Cybersecurity Education (NICE) Conference, 2016, 2017, 2018, 2019  
National Cyber Summit, 2016, 2017, 2018  
Women in Cybersecurity Conference, 2018, 2019  
CAE Executive Leadership Forum 2019