
Biographies of Members of the Center

DISTINGUISHED MEMBER OF THE CENTER**William Lidinsky**

Industry Professor of Information Technology and Management
Interim Director, IIT Center for Cyber Security and Forensics Education (C²SAFE)
Director, IIT School of Applied Technology Security and Forensics Laboratory

Areas of Focus: Computer and Network Security, Computer and Network Forensics, Mobile Device Forensics, Vulnerability Testing, and Steganography

Biography: William Lidinsky has been an Industry Professor and Senior Lecturer of Computer Science and Information Technology and Management at Illinois Institute of Technology (IIT) for over 40 years. At IIT he has been involved in computer networking, network simulation, cyber security and forensics, distance collaboration, curriculum development and course design. He designed and instituted many of the graduate computer networking courses currently offered. He also taught and researched software defined networks, network security, remote collaboration, multimedia networking, and Internet web traffic.

Professor Lidinsky is the curriculum designer and developer of IIT's Professional Master's Degree in Cyber Forensics and Security and founder of the IIT SAT Security and Forensics Laboratory. Each year Professor Lidinsky mentors students in their cyber forensics and security research and assists them in submitting research papers to the SIGITE RIIT conference. One of his student papers received the Best Research Paper in 2014 at the SIGITE RIIT conference. Additionally, Professor Lidinsky's students present their research annually at IIT's ForenSecure: Cyber Forensics and Security conference and receive rave reviews from experienced cyber security professionals. His students also present at professional society meetings, corporate seminars, and the Federal Bureau of Investigation (FBI) Chicago Regional Computer Forensics Laboratory. Graduates of IIT's Cyber Forensics and Security degree program are highly sought after by employers, of whom many attending the conference each year do so largely to identify their "next great IIT graduate for employment".

Prior to IIT, Professor Lidinsky headed up the High Energy Physics Network Resource Center at Fermi National Accelerator Laboratory, investigating distance collaboration, networking, and distributed computing technologies and from these investigations developing and initiating worldwide collaboration and network capabilities and services. Examples include video conferencing, remotely shared application software, networked file systems, multi-host web search engines, and several forms of Computer Supported Cooperative Work (CSCW). Other positions include, HEPnet Manager, a nation-wide high energy physics computer network, and Head of Technology Tracking and Transfer for Fermilab's Computing Division.

Prior to Fermilab, Professor Lindinsky supervised research groups at AT&T Bell Laboratories where his interest centered on computer-aided software engineering; integrated video/ data/voice systems; and local, campus, and metropolitan area computer networks. In this latter area, he developed an experimental 450-gigabit per second network capable of supporting thousands of workstations. A large number of patents were granted as a result of this work.

As the manager of the Networks and Real-time Systems Department at International Harvester's Science and Technology Laboratory, he engaged in research into real-time networks and distributed systems for factory automation. Previously he was an Argonne National Laboratory Supervisor, where he conducted research in local area networks, microprogramming, operating systems, optimizing compilers, aids for the visually handicapped, computer architecture, and computer graphics. He has also worked in biomedical and military electronics.

In addition to the above, Professor Lidinsky served for two decades as the chair of IEEE802.1 Local Area Network Standards Committee. He was also a member of the IEEE802 Executive Committee. IEEE802 has developed all the Ethernet, Token Ring, 802.11 wireless LAN protocols, and LAN bridging standards. Professor Lidinsky is also a contributor to the development of IETF standards in the areas of multimedia. Professor Lidinsky has chaired several professional conferences, has published a number of papers, and consulted in his fields of interest.

Previous Academic Titles:

Adjunct Associate Professor of Electrical and Computer Engineering, Illinois Institute of Technology
Adjunct Associate Professor of Computer Science, Illinois Institute of Technology

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Relevant Professional Experience:

Head of the High Energy Physics Network Resource Center, Fermi National Accelerator Laboratory

Head of Technology Tracking and Transfer, Computing Division, Fermi National Accelerator Laboratory

Software Engineer, AT&T Bell Laboratories

Department Manager, Networks & Real-time Systems, International Harvester Science and Technology Laboratory

Degrees:

Bachelor of Science Electrical Engineering, Illinois Institute of Technology

Master of Science in Electrical Engineering, Illinois Institute of Technology

Master of Business Administration, University of Chicago

Memberships:

Association for Computing Machinery

Institute of Electrical and Electronics Engineers

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DISTINGUISHED MEMBER OF THE CENTER**Bonnie A. Goins**

Adjunct Industry Professor of Information Technology and Management

Current Professional Role: Trusted Security Advisor for various clients, including the World Bank

Areas of Focus: Cyber Security Management, Compliance, Risk Management, Risk Analysis, Security Frameworks, Governance, Coding Security

Biography: Bonnie A. Goins has over 20 years of experience in information security and cybersecurity management and assessment, risk management and assessment, business continuity/disaster recovery, incident response and compliance with regulations and frameworks, such as ISO 27001/2, ISO 20001/2, ITIL, PCI, HIPAA, SOX, NERC, FISMA and others. Professor Goins has been a trusted advisor/consultant to numerous Fortune 100 and 500 clients during her career in information security. She has functioned as a National Security Practice competency leader for multiple companies, and has also established premier partnerships with Novell and Microsoft across the business continuity/disaster recovery and security disciplines. She is a co-author of the *Digital Crime Prevention Lab* and the *Official (ISC)2 Guide to the SSCP CBK*; a contributing author to the *Information Security Management Handbook, Sixth Edition* and the *Official (ISC)2 Guide to the CISSP CBK, Third Edition*; and a contributing reviewer for SANS' *HIPAA Step-by-Step*.

Relevant Professional Experience:

Senior Security Analyst, Paylocity

Manager, IT GRC, US Cellular

Technical Security Architect, CommScope

Senior Policy Analyst, Health Care Service Corporation (HCSC)

Principal Security Consultant & Security Management Practice Leader, Hotskills

Senior Security Strategist & Security Management Practice Leader, Isthmus Group

Senior Information Security Advisor & Security Practice Leader, Goliath Networks/IIS

Pittsburgh Security Team Leader, Lucent Technologies

Security Practice Leader, EDS

Consultant, Andersen Consulting and Carnegie Mellon University

Degrees:

Master of Science in Information Systems, University of Pittsburgh

Bachelor of Arts, Psychology, University of Iowa

Professional Certifications:

Certified Information Systems Security Professional

Certified Information Systems Auditor

Certified Information Security Manager

Certified in the Governance of Enterprise IT

Certified in Risk and Information Systems Control

Certified Business Continuity Professional

Bureau Veritas (BVQI) Certified BS7799 Lead Auditor

ITIL Foundations

National Security Agency Information Assurance Methodology for security: certified assessor

National Security Agency Information Evaluation Methodology for security: certified assessor

Payment Card Industry Professional

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MEMBER OF THE CENTER

Brian Bailey

Adjunct Instructor of Information Technology and Management

Current Professional Role: Director, Web Development & Web Services, Illinois Institute of Technology

Areas of Focus: Web Development, Web Security

Biography: Brian Bailey has both academic and professional experience in information technology and cyber security. Growing up during the era of the PC, he was always interested in computers and technology. During his undergraduate education he studied networking, web and software development, and IT management, earning a Bachelor of Science in Technical Management. Brian continued his education into graduate studies. During his master's studies, Brian focused his education and research on application development for web, mobile, and desktop in addition to web security.

Mr. Bailey has been teaching web development courses for Illinois Institute of Technology's School of Applied Technology for over three years. In his courses he discusses working with modern web technologies and the importance of standards based and secure code. He has extensive industry experience from over 15 years working in the information technology field. In his current position as Director, Web Development and Web Services at Illinois Institute of Technology he is responsible for the web development efforts across the University. His focus is developing web sites and applications using current technologies with an emphasis on security, code quality, and usability. Mr. Bailey has also held positions of Web Developer at Illinois Institute of Technology, Web Developer at Web Asylum, and IT Manager at The Ink Well. His areas of interest and research include client and server side web development, web security, mobile applications, and full-stack JavaScript.

Relevant Professional Experience:

Web Developer, Illinois Institute of Technology

Web Developer, Web Asylum

IT Manager, The Ink Well

Degrees:

Bachelor of Science in Technical Management, DeVry University

Master of Information Technology and Management, Illinois Institute of Technology

Biographies of Members of the Center

MEMBER OF THE CENTER**Carol Davids**

Industry Professor of Information Technology and Management
Director, IIT Real Time Communications Laboratory

Areas of Focus: Real-Time Communications, VoIP and Real-Time Communications Security, and Digital Communications Security

Biography: Carol Davids designed and built the Real Time Communications Laboratory at IIT and developed the curriculum for the communications courses that use its facilities. She has initiated numerous lab-based projects to develop original real-time communications applications and systems, as well as to study the performance, interoperability and characteristic behaviors of such systems.

Before joining the staff and faculty at IIT, Professor Davids worked in the telecommunications industry for over thirty years, starting in the Bell System and moving into the vendor communities at Motorola and Tellabs, leading integration test teams and developing standards at CableLabs, Packet Cable, The European Telecommunications Standards Institute (ETSI) and the Internet Engineering Task Force (IETF.)

Relevant Professional Experience:

Staff Engineer, Tellabs Operations, BroadBand Media Group, CableSpan Division
Lead Engineer, Motorola
Various Technical Postings, Ameritech & Illinois Bell

Degrees:

Bachelor of Science, Applied Mathematics, Columbia University
Master of Information Technology & Management, Illinois Institute of Technology

Memberships:

Institute of Electrical and Electronics Engineers
National Emergency Number Association

Biographies of Members of the Center

MEMBER OF THE CENTER**Shawn Davis**

Adjunct Instructor of Information Technology and Management

Current Professional Roles:

Director of Digital Forensics, Edelson PC Law Firm
Telecommunications Engineer, Davids Consulting

Areas of Focus: Threat Detection & Remediation, Digital Forensic Imaging & Analysis, and Malware Reverse Engineering

Biography: In his professional role at Edelson PC, Shawn Davis' role involves leading technical investigations into security breaches and other privacy violations as well as performing code reviews, writing reports, and giving testimony as an expert witness. At IIT, Mr. Davis teaches courses in Cyber Security Technologies and Open Source Operating Systems. Previous to his current positions, Mr. Davis worked as an Information Protection Specialist at Motorola Solutions in the Security Operations and Federal Operations Centers, where his work included network and computer forensic analysis, malware analysis, threat mitigation, and incident handling for various commercial and government entities. Before Motorola Solutions, Mr. Davis spent several years as a consultant in the architecture of client, network, server, software, and security solutions for medium and enterprise sized organizations.

Mr. Davis received his Masters degree from IIT in Information Technology and Management with a specialization in Computer and Network Security. Research at IIT included a two semester project in private cloud forensics. Following graduation, he was asked to perform additional research into public cloud forensics for the FBI and presented his findings at the Chicago Regional Computer Forensics Laboratory. Mr. Davis has continued his education by completing two six day courses with the SANS group which include SEC504: Hacker Tools, Techniques, Exploits and Incident Handling as well as SEC542: Web App Penetration Testing and Ethical Hacking. Additionally, he has created and ran the hacking challenge at the ForenSecure Conference the last two years.

Relevant Professional Experience:

Computer Forensic Investigator, Edelson PC
Information Protection Specialist, Motorola Solutions

Degrees:

Bachelor of Arts in Music, Northern Illinois University
Master of Information Technology & Management (specialization in Computer and Network Security), Illinois Institute of Technology

Industry Certifications:

GIAC Certified Incident Handler
GIAC Certified Forensic Examiner
CompTIA Security+.

Biographies of Members of the Center

MEMBER OF THE CENTER

Jeremy Hajek

Industry Associate Professor of Information Technology and Management

Areas of Focus: Cloud Computing Security, Virtualization Security, Embedded Systems Security

Biography: Jeremy Hajek teaches and directs student research in data collection with IoT technology including Xbee based 802.15 networks for transmission and authenticity of data upon arrival. Additionally he teaches how applications and infrastructure can developed and deployed using secure key based and non-password based methods in Cloud/Elastic computing environments. Prior to his appointment as a faculty member, Professor Hajek was the systems architect for the information technology services at IIT's School of Applied Technology. In this role he designed and implemented an extensive virtualized environment in support of teaching and learning in the college, integrating an existing university Virtual Private Network to ensure proper access security was in place. As Computer Systems Manager for IIT's Rice Campus he was directly responsible for system, telecom, and wired and wireless network security for that campus as well as administration of all internal networks, servers, and desktop systems at that location.

Relevant Professional Experience:

System Architect, IIT School of Applied Technology

Computer Systems Manager, IIT Daniel F. & Ada L. Rice Campus, Wheaton, Illinois

Degrees:

Bachelor of Information Technology & Management, Illinois Institute of Technology

Master of Information Technology & Management, Illinois Institute of Technology

Memberships:

Association of Information Technology Professionals

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MEMBER OF THE CENTER**Sean Hughes-Durkin**

Adjunct Instructor of Information Technology and Management

Current Professional Role: Security Engineer, Trustwave

Areas of Focus: Operating System Security

Biography: Sean Hughes-Durkin has been working in the security field for over 5 years. He began in the Security Operations Center (SOC) at Trustwave as a tier 1 threat analyst. In this role, he analyzed security alerts from IDS/IPS/WAF at the network and application layer and when something malicious was found, would alert clients and help resolve issues they were experiencing. Once Mr. Hughes-Durkin became a tier 2 analyst, he would deal with the signatures for these devices, as well as baseline and continued tuning of them. Currently he is on the Operations Engineering team supporting the SOC; they manage the cloud infrastructure at Trustwave. The team manages many security devices that log to the cloud via syslog collectors, SIEMs, and other security related device and support the SOC with any issues. Any new releases are vetted before the SOC is able to deploy them and create internal documentation for these teams so they are better equipped to support clients.

Degrees:

Bachelor of Information Technology Management (specialization in System Administration),
Illinois Institute of Technology

Master of Information Technology Management (specialization in Computer & Network Security),
Illinois Institute of Technology

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MEMBER OF THE CENTER

Sheikh ‘Sam’ Shamsuddin

Adjunct Industry Associate Professor of Information Technology and Management
Assistant Professor of Computer Information Systems and Computer Internetworking
Technology (joint appointment), College of DuPage, Glen Ellyn, Illinois

Areas of Focus: Operating System Administration, Network Administration, Operating System Security, Coding Security, Cyber Forensics

Biography: Professor Shamsuddin was previously employed as a System and Network Administrator at Lucent Technologies (previously AT&T Bell Lab), where he was responsible for the operation and the security of various Unix/Linux Servers. Most of the servers he was assigned to were National Security Agency (NSA) Servers, with many research projects and software applications implemented in those servers of a highly classified nature. Professor Shamsuddin had to preserve the security of the server by instating the latest security patches, identify potential breaks and intruders, routinely execute customized security monitoring program modules, authenticate users each month, and preserve the required corporate network security policy. Programs were written in Shell Script and Perl to verify and restrict users’ access.

As an Assistant Professor in Computer Information Systems and Computer Inter-networking Technology at the College of DuPage, Professor Shamsuddin teaches networking, operating systems, and digital forensics. The digital forensics course uses Forensic ToolKit (FTK) Software, and he holds an FTK Access Certification Examiner (ACE) certificate. Professor Shamsuddin is also a world-renowned authority on Silat Seni Gayong, the Malay art of self-defense, and is the author of the major English-language text in the discipline.

Relevant Professional Experience:

System and Network Administrator, AT&T Bell Labs/Lucent Technologies/Hewlett Packard

Degrees:

Bachelor of Science in Electrical Engineering, Bradley University

Master of Science in Computer Science, Bradley University

Doctor of Philosophy, Education & e-Learning Technology (in progress), Northcentral University

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MEMBER OF THE CENTER**Louis F. McHugh IV**

Adjunct Associate Industry Professor of Information Technology and Management

Current Professional Role: Computer Systems Manager, IIT Daniel F. and Ada L. Rice Campus

Areas of Focus: Cyber warfare, Virtualization Security, Stegenography

Biography: Louis McHugh is currently the Computer Systems Manager IIT's Rice Campus in Wheaton, Illinois. He provides end user, system administration, engineering, security, and architectural design support for the School of Applied Technology. In providing this support, he ensures the school is using best practices and designs methods for its information systems infrastructure. In past work experience while with Thomson Reuters (Healthcare) he was the project lead for the planning, design, and implementation of a full disk encryption solution of the entire enterprise to maintain HIPAA data compliance. As a faculty member, Professor McHugh has taught courses in Networking and Data Communications, Introduction to Hardware and Software, Operating Systems Virtualization and recently finished designing a course in Cyber Warfare to be taught in fall 2015. His student research group was awarded "Best Paper" for the paper titled "Printer Watermark Obfuscation" at the Third Annual ACM Research in Information Technology Conference in October 2014.

Relevant Professional Experience:

Adjunct Instructor, Computer Information Systems, Henry Ford Community College

Technical Support Analyst, Thomson Reuters (Healthcare)

System Administrator, Department of Computer and Information Science, University of Michigan (Dearborn)

Degrees:

Bachelor of Science, Computer Information Systems, Northern Michigan University

Master of Science in Information Systems and Technology, University of Michigan (Dearborn)

Master of Cyber Forensics and Security, Illinois Institute of Technology (Spring 2015)

Memberships:

Association of Information Technology Professionals

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MEMBER OF THE CENTER**William Slater**

Adjunct Industry Associate Professor of Information Technology and Management

Current Professional Role: Sr. IT Project Manager, Technatomy Corporation

Areas of Focus: Data Center Security, Cyber Security Management, Disaster Recovery, Business Continuity, Crisis Management, Business Resiliency, Cyberforensics, Cyberwarfare, Social Engineering, Risk Management, Incident Management

Biography: William Slater is a Senior IT Project Manager, Program Manager, senior IT consultant, and author who lives in Chicago and works in the Chicago area. He has worked in Information Technology since 1977, and his cybersecurity experience has spanned more than 20 years.

He is presently working as a senior IT consultant Project Manager on a software migration project at the U.S. Department of Veterans Affairs. Since the 1990s, he has worked on several significant projects related to Data centers and Cybersecurity. These included ISO 27001-based Information Security Management System implementations, security reviews, auditing, managing a Cloud Mega Data Center for Microsoft, and working as a subject matter expert on projects with Data Center vendors and other local businesses. He has also done security assessments related to Business Continuity, Disaster Recovery and Crisis Management Readiness at a major Health Care Insurance organization.

Professor Slater is an internationally published author on Cybersecurity topics related to Cyberwarfare, Social Engineering and various other topics. He has taught for seven years as an Adjunct Professor at the Illinois Institute of Technology and developed and delivered courses in the areas of Data Center Operations, Data Center Architecture, Information Technology hardware and software, Java and Object-Oriented Software Development, Cybersecurity Management, and IT in Public Administration. Professor Slater is the founder and president of the Chicago Chapter of The Internet Society.

Relevant Professional Experience:

Senior IT Consultant, Slater Technologies, Inc.

Data Center Manager, Microsoft Northlake Data Center (at that time, the world's largest)

Data Center Manager, BP North American Headquarters

Computer System Staff Officer, Offutt Air Force Base, United States Air Force

Degrees: Bachelor of Science in Engineering Technology, University of Memphis
Squadron Officers School, United States Air Force

Master of Science in in Computer Information Systems, University of Phoenix

Data Center Technology Certification Program, Marist College

Master of Business Administration (MBA), University of Phoenix

Master of Science in Cybersecurity, Bellevue University

Selected Professional Certifications:

Certified Information Systems Security Professional

Certified Information Systems Auditor

Project Management Professional

System Security Certified Practitioner

ISO 27001 Auditor

Information Security Management Expert based on ISO/IEC 27002

Information Technology Infrastructure Library - ITIL Foundation v3 and v2

Certified Data Center Professional

Plus over 70 other industry certifications

Selected Memberships:

Association for Computing Machinery

Association of Information Technology Professionals

Information Systems Audit and Control Association

IEEE Computer Society

The Internet Society

Institute for Data Center Professionals

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Project Management Institute
EC Council
Electronic Frontier Foundation
Federal IT Security Institute

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MEMBER OF THE CENTER**Raymond E. Trygstad**

Industry Professor of Information Technology and Management
Associate Chair, Department of Information Technology and Management
Interim Associate Director, Center for Cyber Security and Forensics Education
Faculty Adviser, Beta Chapter, Gamma Nu Eta - the National Information Technology Honor Society

Current Professional Roles: Director of Information Technology, School of Applied Technology, Illinois Institute of Technology

Member, National Board of Directors, Gamma Nu Eta - the National Information Technology Honor Society

ABET Program Evaluator in Information Technology

Areas of Focus: Cyber Security Management, Disaster Recovery/Business Continuity, Information Technology Ethics

Biography: As an Industry Professor of Information Technology and Management at Illinois Institute of Technology (IIT), Ray Trygstad teaches disaster recovery & business continuity, cybersecurity management, open source operating systems, multimedia, and legal and ethical issues in information technology. As Associate Chair of IIT's Department of Information Technology & Management (ITM), he wrote the curricula currently in use for both the Bachelor and Master's Degree programs, including the Master of Cyber Forensics and Security degree. His experience as a college professor as well as over four years as a Navy Flight Instructor have made him an expert in curriculum development. He is also the Director of Undergraduate Advising for the ITM degree program. Active in university affairs, he is a member of the IIT Undergraduate Studies Committee and the IIT NCA Accreditation Committee. Professor Trygstad is also the Director of Information Technology for the IIT School of Applied Technology, where he is responsible for technology planning, cyber security, and computer system management and administration for the school. As Manager for Client Services for Computing and Network Services at IIT, he wrote most of the computing policies still in effect for the university. He has taught Naval Science, Computer Science, Business, and Public Administration at IIT, and has also guest lectured at the University of Chicago. He is on the Advisory Boards for the Computer Information Systems and Computer Internetworking Technology programs at College of Dupage, Glen Ellyn, Illinois, and

Professor Trygstad was designated a Computer Systems Management Subspecialist by the U. S. Navy, where he served as an Information Systems Manager, Security Manager, and Information Systems Security Officer when he was not flying helicopters. In this capacity he did his first information systems security audit in 1988, and successfully shepherded one of the largest aviation training units in the U.S. Navy through the Federal Certification and Accreditation process in that same year. As a Safety Officer in two Naval aviation squadrons, he honed his understanding of Risk Management.

Relevant Professional Experience:

Computer Systems Management Subspecialist, U.S. Navy
Information Systems Manager, Helicopter Antisubmarine Squadron (Light) 31, U.S. Navy
Security Manager, Helicopter Antisubmarine Squadron (Light) 31, U.S. Navy
Information System Security Officer, Helicopter Antisubmarine Squadron (Light) 31, U.S. Navy
Safety Officer, Helicopter Antisubmarine Squadron (Light) 31, U.S. Navy
Safety Officer, Helicopter Antisubmarine Squadron (Light) 34, U.S. Navy
Assistant Professor of Naval Science, Illinois Institute of Technology
Adjunct Assistant Professor of Computer Science, Illinois Institute of Technology
Manager, Instructional Multimedia Center, Illinois Institute of Technology
Manager of Client Services, Computing and Network Services, Illinois Institute of Technology

Degrees:

Bachelor of Science, European Studies, United States Naval Academy
Undergraduate Pilot Training, 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

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Memberships:

Association for Computing Machinery

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 National Information Technology Honor Society

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MEMBER OF THE CENTER**Kevin Vaccaro**

Adjunct Industry Associate Professor of Information Technology and Management
Instructor of Cybersecurity, Moraine Valley Community College

Areas of Focus: Computer and Network Security, Computer and Network Forensics and Vulnerability Testing

Biography: Kevin Vaccaro earned an associate's degree as an electronics technician and started his career in information technology as a computer and printer repair technician. Professor Vaccaro was employed in information technology for 24 years at various levels of management. In his current role as an instructor at Moraine Valley College, he is developing curriculum based on the current state of computer security and the associated components. He consistently strives to bring the students as close as possible to a real world experience.

Relevant Professional Experience:

Assistant Director Desktop Support, University of Chicago

Degrees:

Bachelor of Arts, University of Chicago

Certificate in Business Administration and Management, Loyola University

Master of Information Technology and Management, Illinois Institute of Technology

Professional Certifications:

Forensic Tool Kit Mobile Phone Examiner Plus

Forensic Tool Kit AccessData Certified Examiner

EC-Council Certified Ethical Hacking v.8

CompTIA Security+

CompTIA Network+

CompTIA A+

CompTIA Linux+

CISCO Authorized Instructor IT Essentials, Introduction to Networks

Memberships:

Institute of Electrical and Electronics Engineers

Information Technology Leadership Program