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12.2.13

ESTABLISHMENT OF THE IIT CENTER FOR CYBER SECURITY AND FORENSICS EDUCATION (C²SAFE)

As per the attached Charter, the IIT Center for Cyber Security and Forensics Education (C²SAFE) is established as a multi-disciplinary center within the IIT School of Applied Technology for purposes as are stated in the Charter. Industry Professor of Information Technology & Management William Lidinsky is appointed as Interim Director of the Center, and Industry Professor of Information Technology & Management Raymond E. Trygstad is appointed as Interim Associate Director of the Center. Additionally Professor Lidinsky is confirmed to continue as Director, IIT School of Applied Technology Security and Forensics Laboratory which under the Charter is now the IIT Center for Cyber Security and Forensics Education Security and Forensics Laboratory. Appointments as Distinguished Members of the Center and Members of the Center are effective as of this date as indicated in the Charter. Invitations to Invited Members of the Center as indicated in the Charter shall be extended as soon as is practical.

C. Robert Carlson

Encl: **1)** *Charter of the IIT Center for Cyber Security and Forensics Education (C²SAFE)*

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December 2, 2013

Charter of the IIT Center for Cyber Security and Forensics Education (C²SAFE)

The Mission of the Center for Cyber Security and Forensics Education

The Center for Cyber Security and Forensics Education shall:

- Develop, promote and support education and research in cybersecurity technologies and management, information assurance, and digital forensics across all academic disciplines at Illinois Institute of Technology (IIT).
- Engage with business and industry, government, professional associations, and community colleges to enhance knowledge, awareness and education in cybersecurity and digital forensics and improve practices in information assurance.
- Coordinate the designation of Illinois Institute of Technology as a National Center of Academic Excellence in Information Assurance by the National Security Agency and the Department of Homeland Security.
- Maintain resources for education and research in cybersecurity and digital forensics, publish student and faculty research in the field, and sponsor, organize and conduct conferences and other events to promote and advance cyber security and forensics education.
- Support IIT academic departments in the delivery of the highest caliber of cyber security and digital forensics education.

Organization

The Center for Cyber Security and Forensics Education (C²SAFE) shall be a multi-disciplinary center within the IIT School of Applied Technology. The Center shall have a Director, one or more Associate Directors, and administrative personnel as necessary to conduct the business of the Center. The Director shall be appointed by the Dean of the School of Applied Technology and shall serve a term of one to five years as specified in the appointment letter. The Director shall appoint Associate Director(s) and hire administrative staff as is necessary for the proper operation of the Center and allowable within the Center budget. The Director and Associate Directors shall be Illinois Institute of Technology faculty members. Student employees may also be hired by the Center to facilitate proper operation of the Center and the Center's laboratories. Budget and operating facilities for the Center shall be provided by the IIT School of Applied Technology.

University faculty and graduate students shall comprise the membership of the Center and shall be in two categories: *Distinguished Member of the Center* and *Member of the Center*. Invitations for membership shall be extended by the Director to any faculty member whose research and teaching activities are congruent with the goals of the Center. Any university faculty member, full-time or adjunct, or graduate student with a research interest in cyber security or forensics may apply for Center membership through written application to the Director.

The **IIT School of Applied Technology Security and Forensics Laboratory** shall be operated by C^{2}SAFE. The Director of this laboratory shall report to the Director of the Center for Cyber Security and Forensics Education.

The Center for Cyber Security and Forensics Education shall closely coordinate operations and educational and research efforts with IIT's Institute for Science, Law and Technology, and the Center for Law and Computers, and with any other university body with a primary focus on security or digital forensics.

The Dean of the IIT School of Applied Technology and the Director of the Center for Cyber Security and Forensics Education shall appoint an Advisory Board whose members shall be drawn from business, industry, government and academia and who are experts in the information assurance, cyber security and digital forensics fields. This Board shall advise the Director on the Center's present and planned activities. Board members shall be appointed for renewable two year terms. The Dean of the IIT School of Applied Technology, the Director of the Center, the Director of IIT School of Applied Technology Security and Forensics Laboratory, and Distinguished Members of the Center shall serve as ex-officio members of the Advisory Board.

Activities
The Center shall plan, organize and conduct the annual **Forensecure** conference in the Spring of each year, as well as additional activities and student competitions that advance the mission of the Center.

The Center shall actively cooperate and coordinate activities with agencies of the Federal government and with professional organizations and programs such as the Information Systems Security Association (ISSA), the Information Systems Audit and Control Association (ISACA), the Association of Information Technology Professionals (AITP), the Association for Computing Machinery (ACM), the Institute of Electrical and Electronic Engineers (IEEE), UNIFORUM, CompTIA, Infragard, and others. The Center shall make every effort to engage in joint activities with these organizations and to encourage them to engage with the Center whenever possible.

Resources for education and research as well as published student and faculty research in the form of technical reports and white papers will be made available on the Center's website at http://ccsafe.iit.edu/.

Members of the Center for Cyber Security and Forensics Education
(with Security Teaching and Research Interests)

Distinguished Members of the Center

William Lidinsky
*Industry Professor of Information Technology &
Management and Director,IIT SAT Security and
Forensics Laboratory*
Computer and Network security, Computer and
Network Forensics, Mobile Device Forensics,
Vulnerability Testing, and Steganography.

Bonnie A. Goins, CISSP, CISA, CISM
*Adjunct Industry Professor of Information
Technology & Management*
Information Security Management, Compliance,
Risk Management, Risk Analysis, Coding
Security

Members of the Center

Carol Davids
*Industry Professor of Information Technology
& Management and Director, Real Time
Communications Laboratory*
VoIP Security and Digital Communications
Security

Robert Hendry
*Industry Professor of Information Technology
& Management*
Database Security and Data Integrity

Peisong Huang
*Adjunct Industry Associate Professor of
Information Technology & Management*
Wireless Network Security and Cellular System
Security

Sean Hughes-Durkin
*Adjunct Instructor of Information Technology &
Management*
Operating System Security

Shawn Davis, GCIH, GCFE
*Adjunct Instructor of Information Technology
& Management*
Threat Detection & Remediation, Digital Forensic
Imaging & Analysis, and Malware Reverse
Engineering

Sheikh 'Sam' Shamsuddin
***Assistant Professor of Computer Information
Systems, College of DuPage**, and Adjunct
Industry Associate Professor of Information
Technology & Management*
Operating System Security and Coding Security

Dawid Broda
*Student, Master of Information Technology and
Management*

Raymond E. Trygstad
*Industry Professor of Information Technology
& Management; Adjunct Professor of Public
Admnistration*
Information Security Management and Disaster
Recovery/Business Continuity

Jeremy Hajek
*Industry Associate Professor of Information
Technology & Management*
Cloud Computing Security, Virtualization
Security, and Embedded Systems Security

Noland Joiner
*Adjunct Industry Professor of Information
Technology & Management*
Healthcare Information Security and HIPAA

William Slater, CISSP, CISA, CISM
*Adjunct Industry Associate Professor of
Information Technology & Management*
Data Center Security and Information Security
Management

Brian Bailey
*Adjunct Instructor of Information Technology
& Management*
Web Security

Kevin Vaccaro
***Instructor of Cybersecurity, Moraine Valley
College** and Adjunct Industry Associate Professor
of Information Technology & Management*
Computer and Network security, Computer and
Network Forensics and Vulnerability Testing

Ben Khodja
Student, Master of Cyber Forensics and Security

**Invited Members of the
Center for Cyber Security and Forensics Education**
(with Teaching and Research Interests)

Invited Distinguished Member of the Center

Lori B. Andrews, Ph.D.
*Distinguished Professor of Law and
Director of the Institute for Science, Law
and Technology*
Emerging Technologies, Internet Privacy, Data
Aggregation, and Social Networks

Invited Members of the Center

Richard Warner, Ph.D.
*Professor of Law and Faculty Director
of the Center for Law and Computers*
Regulation of Business Competition on the
Internet, Internet Security, the Nature of Human
Rights, Personal Freedom, Privacy

Xiang-Yang Li, Ph.D.
Professor of Computer Science
Algorithm design and analysis, system design for
wireless ad hoc and sensor networks, network
information theory, security protocols, and
computational geometry.

Tricha Anjali, Ph.D.
*Associate Professor of Electrical and Computer
Engineering*
Wireless networks, network security, network
routing, multipath routing, network optimization,
remote education.

Yu Cheng, Ph.D.
*Associate Professor of Electrical and Computer
Engineering*
Wireless networks, network security, network
measurement, and wireless/wireline interworking

Hassan Modir Shanechi, Ph.D.
*Senior Lecturer of Electrical and Computer
Engineering*
Nonlinear and intelligent systems, power system
dynamics and security.