VICTORIA KISEKKA

Assistant Professor

State University of NewYork, at Albany
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EDUCATION

Ph.D., Management Science and Systems (September 2015)
University at Buffalo, Buffalo, NY

Master of Science in Information Systems (May 2008)
Drexel University, Philadelphia, PA.

Bachelor of Science in Computer Science (December 2005)
Shippensburg University, Shippensburg, PA.

Certificate of Advanced Study in Information Assurance (May 2014)
University at Buffalo, Buffalo, NY

RESEARCH

Journal Papers (Published/Accepted)

Kisekka, V., Bagchi-Sen, S., & Raghav Rao, H. (2013). Extent of private information disclosure on online social networks: An exploration of Facebook mobile phone users. Computers in Human Behavior, 29(6), 2722-2729.

Kisekka, V., Chakraborty, R., Bagchi-Sen, S., & Raghav Rao, H. (2015). Investigating Factors Influencing Web-Browsing Safety Efficacy Amongst Older Adults. Journal of Information Privacy and Security, 11(3), 158-173.

Manuscripts under Review
Baham, C., Kisekka, V., & Calderon, A. "An Agile Methodology for the Disaster Recovery of Complex Systems under Catastrophic Scenarios." Under review at Journal of the Association for Information Systems.

Kisekka, V., Sharman, R., Smith, S., Gerber, N., Lynch, J. "A study of individual resilience against information technology extreme events in healthcare organizations." Under review at Journal of the Association for Information Systems.

Conferences

Kisekka, V., Sharman, R., Rao, H. R., Upadhyaya, S., Gerber, N., Investigating the Antecedents of Healthcare Workers' Perceptions of Organizational Resilience in Hospitals, International Conference on Information Systems (ICIS), 2015, Fort Worth, Texas, Dec. 13-16, 2015.
Kisekka, V., Sharman, R., Rao, H. R., Upadhyaya, S., Gerber, N., "Investigating the Antecedents of Organizational Resilience in Hospitals", White 2014: 5th Annual Workshop on Health IT & Economics, Washington DC, Oct. 10-11, 2014

Kisekka, S., Han, W., and Sharman, S. "Utilizing the Uses and Gratification Theory to Understand Patients Use of Online Support Groups", (2014). Americas Conference on Information Systems (AMCIS) 2014 Proceedings, August 7, Savannah, Georgia.

Kisekka, V., Sharman, R., Gerber, N., Rao, H.R., Upadhyaya, S. (2014, August), Organizational Resilience in Hospitals During Extreme Events. Paper presented at the *Information Systems Doctoral Student Association Conference*, Savannah, GA. ***Best paper award***

Evans, N., Thompson, M., Kisekka, V. (2014, August), Multiple OS Rotational Environment: An Implemented Moving Target Defense. Paper presented at the *7th IEEE International Symposium on Resilient Control Systems*, Denver, CO.

Evans, N., Thompson, M., Kisekka, V. (2014, June). Two-Man Authentication: From Concept to an Implementation. In R. Anderson (Chair), *82nd Military Operations Research Society (MORS) Symposium*, Alexandria, VA

Venkatesan, S., Han, W., Kisekka, V., and Sharman, R., "Misinformation in Online Health Communities", 2013. Workshop on Information Security and Privacy (WISP 2013), December 14, Milan Italy.

Victoria Kisekka and Raj Sharman, "Online Healthcare Communities: A Literature Review and Classification" (2012). The Eleventh Workshop on E-Business 2012 Proceedings, Orlando, Florida.

Joanne Adeyemi; Rondalynne McClintock; Victoria Kisekka; and Yoonmi Lee, "Sustaining Gains: GIS Enabled Model for Diabetes Self-Care" (2012). Americas Conference on Information Systems (AMCIS) 2012 Proceedings, August 9, Seattle, Washington.

Kisekka, Victoria; Sharman, Raj; Singh, Ranjit; and Singh, Gurdev, "Misinformation in Healthcare Social Networks: Contributing Factors" (2011). Americas Conference on Information Systems (AMCIS) 2011 Proceedings - All Submissions. Paper 423, August 6, Detroit, Michigan.

ACADEMIC HONORS, AWARDS, AND SCHOLARSHIPS

- Doctoral Student Achievement Award (2015)
- The School of Management PhD Showcase Best Poster Award (2015)
- WiSyCs Graduate Poster Competition Winner (2015)
- Argonne Pacesetter Award (2014)
- National Science Foundation Information Assurance Award (2014)
- National Science Foundation Information Assurance Award (2013)
- (ISC)² Foundation Information Security Women's Scholarship (2012)
- New Economy Technology Scholarship (2005)

TEACHING EXPERIENCE

University at Albany, Information Security and Digital Forensics
Assistant Professor (Fall 2015 - Present)
Responsibilities: Instructor of the following courses: Forensic Accounting and Fraud Examination, Security Policies, Information Security Risk Assessment.

University at Buffalo, Department of Management
Instructor, Computer Networks and Telecommunications (Fall 2012)
Responsibilities: Developed curricula on computer networks, telecommunication technologies, and information security; Created hands-on networking exercises to reinforce material taught during the lectures.

Teaching Assistant, Introduction to Management Information Systems (Fall 2010, Spring 2011, Fall 2011)
Responsibilities: Teaching Assistant for Introduction to Management Information Systems; Taught Microsoft Access 2010; Responsible for preparing homework help documents, grading assignments, and responding to students' questions.

RESEARCH EXPERIENCE

Cybersecurity Research Aide, Argonne National Laboratory, May 2013 – Present.

- Participated in the conceptualization, design, and testing of a Moving Target Defense system. This included developing solutions to problems and adopting a physical security enhancement methodology to the cyber world.
- Planned, edited, and developed research papers on network security and user authorization.
- Supported the design and development of two-person authentication proof of concept as directed by the National Security ANSA Director.
- Reviewed and compiled current literature to support cyber security projects as they pertained to identifying flaws in current setups.

- Assessed the effectiveness of a Healthcare Resilience tool. This included reviewing documents, and recommending content that would add additional insight and usefulness to the tool.

Research Lab Instructor, University at Buffalo,   Fall 2010 – Jan 2013

- Responsible for creating lab exercises for information security, forensics, and computer networks classes. Several tools were used including network analysis tools, security scanning tools, forensics analysis tools, and setup and configuration of firewalls. Specific examples of analysis tools used include Metasploit, Caine, Nmap, Wireshark, and EnCase. Lab exercises were intended to teach students how to secure computer networks from attacks.
- Provided technical services for students and faculty by setting up and maintaining research machines to be used for research activities such as data collection. This also involved the set up of the laboratory network, configuration of the laboratory routers, and firewall as needed.
- Created a private network environment that allowed students to learn about network security, and learn how to protect networks from security breaches. This also required instructing and guiding students on how to perform network security and forensics tasks.

INDUSTRY EXPERIENCE

Computer Software Consultant, Linx-AS LLC, King of Prussia, PA (Feb 2007 – Oct 2010)
- Was the Subject Matter Expert for the EH&S module in SAP.
- Configured the SAP Environment, Health and Safety database based on business needs.
- Performed data migration activities.
- Defined and maintained permissions and security authorizations for various user roles within SAP.
- Provided general assistance in various SAP related services including defining and solving problems.
- Developed training materials and provided training for SAP software.
- Performed quality analysis by writing test scripts and performing testing activities for software applications.

Analyst Programmer Drexel University, Philadelphia, PA (Feb 2006 – Feb 2007)
- Provided high level technical services to students, faculty, and staff by troubleshooting to identify the root cause of all types of computer related problems.
- Trained junior members of the group and explored new technologies to determine academic and administrative use.
- Developed documentation for training purposes.
- Provided quality software and hardware support to end-users.

MEMBERSHIPS/AFFILIATIONS

- InfraGard, Buffalo (2014 to present)
- Women in CyberSecurity (2013 to present)
- The PhD Project (2012 to present)