

-The Impact Symposium-

PRIVACY & SECURITY IN THE ERA OF BIG DATA

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As Lehigh's Chief Information Security Officer, Keith is a Certified Information Systems Security Professional (CISSP), Certified Information Security Manager (CISM), Certified Information Systems Auditor, and Payment Card Industry Internal Security Assessor (PCI-ISA) with over 28 years of Information Security and Systems Engineering experience. Keith has management responsibility for the design, development, and implementation of an effective information security program for Lehigh University. This includes responsibility for initiation of technical and administrative controls that include: campus wide information security policy and procedures creation, data privacy and monitoring, security and compliance assessments, training, and awareness, data traffic monitoring, intrusion detection, incident response, and forensic investigations, review of security strategies with risk management and legal departments, and implementation of technical defense and vulnerability assessment technology.

Keith also has instructed at the University level and provided professional training in Information Security for over 15 years. Keith instructs Business Information Systems (BIS333) Enterprise Risk Management and Information Security and (BIS344) Cloud Computing for Business at Lehigh, currently provides CISSP certification, OSCP, and Cloud "Lunch & Learn" training to Technical Staff, and has instructed in a variety of Information Security topics over the past 17 years at Lehigh and Northampton Community College as an Associate Professor. Keith has presented as a keynote speaker at IT and Security conferences, the Philadelphia CISO Coalition, Educause Webinars, Human Resources initiatives (SHRMLV), Wall Street West initiatives, and to many other professional, higher education, and varied community groups, both domestic and abroad, on information security practices. Keith was also a National Science Foundation grant awarded Principal Investigator for IT Projects Based Learning initiatives.



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