

CYBER SECURITY

College of Engineering and Computer Science

SUPPORTED BY RAYTHEON

Friday November 7, 2014 8:00AM-3:00PM

Fullerton Marriot – Salon A-B

Come by and enjoy free food and refreshments!

- ❖ **Industry Presentations:** Security experts will provide their perspectives on the state-of-the-art in research and development.
- ❖ **Student Presentation:** Faculty and students will showcase research projects and discuss curriculum development
- ❖ **Panel Discussions:** Questions and answers give you an opportunity to find out what you need to learn to build a career in computer security



Bill Willis, IBM

Presentation:

State-of-the-art Biometrics and Beyond

Bill Willis is the *Global Subject Matter Expert for Security and Identity for IBM* and is a *leading thinker in the areas of Security, Cryptography, Biometrics, Credentialing, and Identity Management with over 30 years of security solutioning*. Mr. Willis was the *technology Founder and Inventor of IBM's Flagship Identity Management System, Tivoli Identity Manager*. He *created the Biometric Engine™, a Next Generation AFIS which provided support for biometrics such as Palm, Face, Iris, Voice and DNA*. He was *instrumental in developing IBM Software Group's Cyber Security Roadmap including cryptography and digital content management and has extensive experience supporting commercial customers on topics related to security, cryptographic smartcards, authentication and Trusted Identities in Cyberspace (NSTIC)*.



Chris Pavan, Bechtel Corp.

Presentation:

Computer Incident Response and Counterattack Operations

Chris is an *expert in the field of Computer Forensics and Information Security*. Chris started his professional career serving in the U.S. Army as an Electronic Warfare Technician. After being honorably discharged, Chris continued to *support U.S. Military operations around the globe as a contractor specializing in electronic warfare*. Over the course of his professional career he has *set up and secured U.S. classified networks for the Department of Defense and State Department, performed critical Data Recovery operations and conducted numerous forensic examinations in support of civil, criminal and military investigations*. Chris maintains a steady Incident Response, Forensic, and eDiscovery caseload while performing research and development of digital forensics solutions. Chris is also *Part-Time Faculty at CSUF*, where he teaches the *Tools and Technology of Computer Forensics and the Forensic Evidence Analysis classes for the Forensics I Certificate Course*.



Virginia Mushkatblat, Founder of HushHush

Presentation:

Data Privacy Emerging Technologies

Virginia Mushkatblat is an accomplished leader within various fields of computer engineering. Her career has included work as an architect and a leader in data, security, and technical product management. She authored several patents, some in the security arena. Currently a founder of data security startup, in a course of her career, she worked for companies of various sizes, from startups to fortune 100, and in various industries which included financial, communications, entertainment, e-commerce and manufacturing. Virginia's professional affiliations include ISACA, OWASP, and IAPP. She also is an acting teacher of computer science in CSUN.



Carter Jones, Cigital

Presentation:

Exploit Wednesdays: An Overview of Binary Patch Analysis

Carter Jones is a Security Consultant who has over 5 years of experience as a Security Professional, both as a Consultant and a Research Engineer. He has worked with clients from a broad range of industries, including large financial institutions, exploit development corporations, and defense contractors. He has experience with a variety of security analysis activities, such as web-based pentests, thick client analysis, and source code review. He has also developed various tools that can be used for dynamic and static analysis of Windows software.