

# 12th ANNUAL CYBER SECURITY CONFERENCE FOR MARYLAND HIGHER EDUCATION

*Enhancing IT Security and Expanding Collaboration*

## AGENDA

**Thursday, August 13, 2015**

**The Loyola University Maryland Graduate Center, Columbia Campus**

8:30 a.m.	<b>Continental Breakfast</b>	Rooms 210/230
9:15 – 9:30 a.m.	1. <b>Opening Remarks/Review of Agenda and Introduction</b> Louise Finn – Loyola University Maryland Suresh Balakrishnan – USM	Rooms 210/230
9:30 – 10:45 a.m.	2. <b>Plenary Address:</b> <u>Today's new Education and State and Local Government Networks: Know What You Are Protecting</u> Pamela Warren, Director, Palo Alto Networks	Rooms 210/230
10:45 – 11:00 a.m.	Break	
11:00 a.m. – 12:00 noon	3. <b>Plenary Address:</b> <u>CyberSecurity 2015</u> Ron Gula, CEO of Tenable Network Security	Rooms 210/230
12:00 – 12:30 p.m.	<b>Lunch</b>	
12:30 – 1:30 p.m.	4. <b>Lunch Plenary Address:</b> <u>The Cloud Challenge. How do you embrace the cloud, becoming more flexible and reduce risk? Is future technology the key?</u> Timothy Brown, Dell Fellow and Executive Director for Security	Rooms 210/230
1:40 – 2:40 p.m.	5. <b>Track 1: Technical</b> <u>Cyber-Crime Theory and Practice</u> Jamison Utter, Sr., Senior Consulting Engineer – Security, Americas at InfoBlox	Room 259
	<b>Track 2: Management</b> <u>Privacy vs Cybersecurity – Who Wins?</u> Professor Ellen Cornelius, UMB	Room 261
2:45 – 3:45 p.m.	6. <b>Track 1: Technical</b> <u>Look Before You SIM</u> Sean Wilkerson, Co-Founder and Sr. Security Consultant of Aplura, LLC	Room 259
	<b>Track 2: Management</b> <u>Why can't Johnny be good? The making of an insider threat</u> Chuck Georgo, Public Safety Strategist for Nowheretohide.org	Room 261

Special thanks to Dell, Palo Alto Networks, and Tenable for sponsoring the conference and to InfoBlox for sponsoring the raffle prize.

## **Plenary Address Abstracts**

### **Pamela Warren, Palo Alto Networks-**

The new slate of services – driven by Smart Government initiatives and a changing Education landscape – and entirely new way of doing business in State and Local Government and Education Networks (SLED) networks is exciting. This change has happened so rapidly, it's difficult for networks, much less the security protecting all of the data and services, to keep up. This presentation will look at the impact these changes have made to the network's security and the considerations now necessary to deliver new services and to capture and use more data than ever before. Security should not hinder this fast pace of change – it should enable SLED organizations to *maintain their innovation* for all – citizens, patients, students, parents, alumni and faculty they serve – to benefit.

### **Ron Gula, Tenable Network Security-**

Ron Gula will discuss the current state of the cyber industry including how the cloud is changing cyber jobs, issues with threat sharing, why endpoint agents are “hot” again and realistic risk management from boards to your CSO. Mr. Gula will also attempt to answer your questions in an insightful and entertaining manner pulling from a 20 year career that spans being a penetration tester to being the CEO for Tenable Network Security.

### **Timothy Brown, Dell-**

This talk will focus on cyber security for the cloud and how future technology advances will enable more secure environments and management of risk. We will focus on how Analytics, Human Centric Security, Data Protection and Advanced Threat Protection work together to create a more secure and resilient environment.

## **Management & Technical Track Abstracts**

### **Jamison Utter, Sr., InfoBlox-**

In this session, I will cover why cybercrime continues to thrive (motive matters) and how efficiently and effectively criminals have leveraged legitimate business models for profit. With that foundation we will dive into the mind of today's cyber-criminal and examine how opportunistic attacks turn into targeted attacks and why they bypass traditional security thinking.

### **Ellen Cornelius, University of Maryland, Baltimore (UMB)-**

In the area of cybersecurity, there is a fierce tension between privacy and security. My discussion will begin with an examination of our expectation of privacy and then I will consider how it changes depending on security concerns. For example, CCTV was highly controversial at its inception but after the Boston Marathon attack, the use of CCTV is more accepted. At present, many individuals are concerned about data breaches and identity theft. Businesses are concerned about data breach as well. I will discuss liability and a business' duty to safeguard information. Finally, I will close with a discussion of possibly policy outcomes.

### **Chuck Georgo, Nowheretohide.org-**

When new staff report to work for you on Day 1, they simply want to do a good job, get recognized for doing good work, and make a good salary – they RARELY arrive on day one with the intent to do you or your organization's information systems any harm. However, something happens to them, either in their personal or work life that changes this, and more times than not, leadership in most organizations either miss or ignore the signs that Johnny is turning against you. This session will entertain you with the deconstruction of some popular insider threat cases and present to you a framework you (and your senior leadership) can use to help prevent the good people you hire from becoming insider threats.