Third Annual

3CS

Community College Cyber Summit 2016
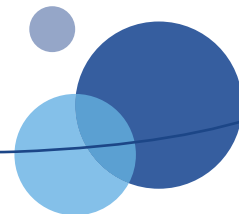
Community College of Allegheny County and Wyndham Grand Pittsburgh Downtown Hotel

Pittsburgh, Pennsylvania • July 22-24, 2016

NATIONAL CYBERWATCH CENTER

CCAC

2016 Community College Cyber Summit
Daily Schedule

	SUNDAY • JULY 24	

MORNING CONCURRENT SESSIONS 4 (cont'd.)

TIME	DESCRIPTION	LOCATION
9:00 – 10:00 a.m.	**Sunday Morning Concurrent Presentations 4A (cont'd.)**	
	Teaching Cybersecurity Across the Disciplines at the University of Hawaii Maui College Session ID: P4A-2 • Track/Format: Track 3/Paper Presenter: Dr. Debasis Bhattacharya, University of Hawaii Maui College, Hawaii Cybersecurity is a topic that is prevalent in many colleges. However, does this field belong to computer science and information technology? Or does it span other disciplines where students and faculty are not familiar with the underlying technologies? A cybersecurity project at the University of Hawaii Maui College, funded by the NSF SFS program, attempts to bridge this gap among the disciplines and also targets women and minorities. Using undergraduate research projects, curriculum modules and guest lectures targeted at diverse fields from health care to accounting, this session will provide participants with the means to educate a wider spectrum of students. This session will provide participants with details on best practices, techniques and guidance to spread cybersecurity education across the disciplines, with special focus on attracting minorities and women.	Wyndham Hotel, Forbes
	Computer Security Labs in CS II: An Applied Secure-Programming Approach to Fundamentals in Programming Session ID: P4A-3 • Track/Format: Track 3/Demo Presenter: Dr. Christian Servin, El Paso Community College, Texas This demo presents a set of computer programming labs for the Elementary Data Structures and Algorithms course (a.k.a. CS II). Designed in Java and assigned to students for the last four semesters, these labs are inspired by current computer security issues faced by employers in the El Paso region. Topics include a biometric simulation, password protection, modeling Multi-Level Security (MLS) systems, and deciphering passwords. The programming labs were designed based on learning outcomes that are recently aligned to the ACM/IEEE cs2013 curricula; a document that compiles 12 knowledge areas (KA) in computer science, and plenty of knowledge units (KU). The cs2013 curricula also helps to separate the notion of a specialized course and the learning outcomes that a knowledge unit should address. Therefore, we design these programming labs based on learning outcomes from cs2013 with the emphasis in cybersecurity to teach secure code in CS II.	Wyndham Hotel, Commonwealth 1
	National Cybersecurity Student Association Advisory Board Meeting Session ID: P4A-4 • Track/Format: Track 2/Meeting (by invitation only) Presenter: Dr. Jo Portillo, National CyberWatch Center (NCC); Portillo & Associates LLC, Kansas This meeting is limited to members of the National Cybersecurity Student Association Advisory Board.	Wyndham Hotel, Board Room