

Agenda

Track 1	Track 2	Track 3
Developing Cybersecurity Talent through Education and Training	Nurturing Cybersecurity Communities through Academia, Industry, and Government Collaboration	Professional Development

Monday November 6, 2017			
1:00 PM - 5:00 PM	<p>Pre-conference Seminar 1: Critical Success Factors for a Cybersecurity Apprenticeship Program (Link) 202 Presentation (Link) Presentation 2 (Link) Presentation 3 (Link)</p> <p><i>Jennifer Carlson, Executive Director, WTIA Workforce Institute</i></p> <p><i>Tony Bryan, Executive Director, Midwest Cyber Center</i></p> <p><i>Carolyn Renick, U.S. Department of Labor's Office of Apprenticeship</i></p> <p><i>Girish Seshagiri, EVP/CTO ISHPI</i></p> <p><i>Khabran Peters, Apprentice ISHPI</i></p>	<p>Pre-conference Seminar 2: How to Build Robust Internship Programs Between Employers and Academic Institutions (Link) 203 Presentation (Link)</p> <p><i>Patricia Carretta, The Council for the Advancement of Standards in Higher Education (CAS)</i></p> <p><i>Patrick Weithers, CEO, NU-Pulse Technologies</i></p> <p><i>Gregory Teets, Associate Professor, Clark State Community College</i></p> <p><i>Matthew Brink, Asst Exec Dir, National Association of Colleges and Employers</i></p>	<p>Pre-conference Seminar 3: Application and Uses of the NICE Cybersecurity Workforce Framework (Link) 204 Presentation (Link) Presentation 2 (Link)</p> <p><i>Noel Kyle, Cybersecurity Education and Awareness Branch, U.S. Department of Homeland Security</i></p> <p><i>Thomas Trevethan, Palo Alto Networks</i></p> <p><i>Jeff Frisk, Director, Global Information Assurance Certification Program (GIAC)</i></p>

Tuesday November 7, 2017	
7:00 AM - 8:00 AM	<p>Breakfast 103</p>
8:00 AM - 8:10 AM	<p>Welcome Exhibit Hall 101</p> <p><i>Rodney Petersen, Director, National Initiative for Cybersecurity Education (NICE)</i> <i>Rick Geritz, CEO, LifeJourney</i></p>

	<i>Maurice McDonald, EVP, Aerospace and Defense, Dayton Development Coalition</i>		
8:10 AM - 8:20 AM	Opening Remarks Exhibit Hall 101 <i>Mayor Nan Whaley, City of Dayton</i>		
8:20 AM - 8:35 AM	Remarks Exhibit Hall 101 <i>Jeff McLeod, Director, Homeland Security and Public Safety Division, National Governor's Association</i>		
8:35 AM - 9:20 AM	Keynote Presentation (Link) Exhibit Hall 101 <i>Maj Gen Mark Bartman, Adjutant General, Ohio National Guard</i>		
9:20 AM - 9:30 AM	Conference Overview: Program Co-Chairs Exhibit Hall 101 <i>Faisal Kaleem, Metropolitan State University</i> <i>Simone Petrella, CyberVista</i> <i>Brian Gouker, Division Chief of the College of Cyber and Senior Education Academic Liaison, National Security Agency</i>		
9:30 AM - 10:15 AM	Break (Visit Exhibit Hall) and Cyber Soapbox Session Exhibit Hall 102 <i>Regional Alliances and Multistakeholder Partnerships to Stimulate (RAMPS) Cybersecurity Education and Workforce Development</i>		
10:15 AM - 11:00 AM	1-1 Leveraging simulators to educate non-STEM students in conducting real-time cybersecurity field research (Link) 302-304 <i>Dr. Aunshul Rege, Assistant Professor Criminal Justice, Temple University</i>	2-1 Aligning Academic Supply and Industry Demand (Link) 305 <i>RADM (ret) Ken Slaght, Co-Chair & President, San Diego Cyber Center of Excellence (CCOE)</i>	3-1 Preparing the Cyber Workforce Through Operational Research (Link) 306 <i>Dr. Julie Steinke, Lead Behavioral Scientist, The MITRE Corporation</i>
11:00 AM - 11:15 AM	Break Exhibit Hall 102		
11:15 AM - 12:00 PM	1-2 CyberSecurity Resource Capability Landscape in Internet of Things (IOT) Industry (Link) 302-304	2-2 Centers of Academic Excellence in Cyber Operations 305 <i>Heather Eikenberry, Program Manager, National Security</i>	3-2 Equipped & Empowered: Ensuring Student Data Privacy & Security in Education 306

	<i>Deep Kakkar, Sr. Product Manager, Google</i>	<i>Agency/College of Cyber's Centers of Academic Excellence in Cyber Operations</i>	<i>Jonathan King, Chief Strategy Officer, i-SAFE Ventures</i>
12:00 PM - 1:15 PM	LUNCH Keynote Exhibit Hall 101 REMARKS: Will Markow, Burning Glass Technologies <i>Tyson Meadors, Director for Cybersecurity Policy, National Security Council, The White House</i>		
1:15 PM - 2:00 PM	1-3 Innovative Public/Private Partnership Approaches for Cyber-security Workforce Development (Link) 302-304 <i>Kevin Hofstra, CTO, Metova CyberCENTS</i> <i>Rajni Goel, Professor & Fulbright-Nehru Scholar Cyber Security and Information Systems School of Business, Howard University</i> <i>Lori Gordon, Director, Women in Homeland Security (WHS)</i> <i>Eman El-Sheikh, Ph.D., Director, Center for Cybersecurity, University of West Florida</i>	2-3 Cooperative Education Model: Accelerating the Development of Cyber Security Professionals (Link) 305 Moderator <i>Corrinne Sande, Principle Investigator, CyberWatch West</i> Panelists <i>Barbara Endicott-Popovsky, Executive Director, UW Center for Information Assurance Cybersecurity</i> <i>Eric Yocam, Ph.D., Sr. Manager of Cybersecurity Innovation, Talent, Architecture and CyberLab/Technology, T-Mobile</i> <i>Morgan Zantua, Director, Workforce Development, UW Center for Information Assurance Cybersecurity</i>	3-3 Energizing the Cybersecurity Ecosystem: Transforming Our Higher Ed User Community Through Cyber-Mindfulness 306 Moderator <i>Thomas Skill, CIO, University of Dayton</i> Panelists <i>James D. Robinson, University of Dayton</i> <i>Kim Conde, University of Dayton</i> <i>Elizabeth Timmons, University of Dayton</i> <i>Dean Halter, University of Dayton</i>
2:00 PM - 2:15 PM	Break Exhibit Hall 102		
2:15 PM - 3:00 PM	1-4 Building a talented cyber security	2-4 Risk Analysis for Financial	3-4 Increasing Retention Capacity: Research

	<p>workforce from older adult online learners (Link) 302-304 Presentation (Link)</p> <p><i>Steven Brown, Core faculty Information Assurance & Security, Capella University</i></p> <p><i>Chris Wheedleton, Kaplan University</i></p> <p><i>Heather Guessford, Kaplan University</i></p>	<p>Banking and Processing - Training Cyber Workforce through Academia & Industry Collaboration (Link) 305</p> <p>Moderator <i>Paul Wang, Professor, Columbus State University</i></p> <p>Panelists <i>Dr. Wayne Summers, Professor and Chair, CSU</i></p> <p><i>Chadwick Nelson, Student, CSU</i></p>	<p>from the Field (Link) 306</p> <p><i>Andrea Little Limbago, Chief Social Scientist, Endgame</i></p>
<p>3:00 PM - 3:45 PM</p>	<p>Break (Visit Exhibit Hall) and Cyber Soapbox Session Exhibit Hall 102</p> <p>CyberSeek - cybersecurity jobs heat map and career pathways portal (Link) <i>Will Markow, Burning Glass Technologies</i></p>		
<p>3:45 PM - 4:07 PM</p>	<p>1-5</p> <p>Advancing a paradigm shift in education & training to eliminate the cyber skills gap 302-304</p> <p><i>Linda Montgomery, Cyber World Institute & California State University - San Bernardino</i></p>	<p>2-5</p> <p>Preparing Regional Partnerships for Take Off 305</p>	<p>3-5</p> <p>The Dynamic Role of HR in Advancing Organizational Cybersecurity (Link) 306</p> <p><i>Bryan Fite, Global CISO, BT Security</i></p>
<p>4:07 PM - 4:30 PM</p>			<p>3-5</p> <p>The Virginia Cyber Range: Cloud-based Resources for Cybersecurity Education 306</p> <p><i>David Raymond, Director / Deputy Director, Virginia Cyber Range / VT IT Security Office/Lab</i></p>

7:00 AM - 8:00 AM	<p align="center">Breakfast 103</p>		
8:00 AM - 8:15 AM	<p align="center">Welcome and Announcements: NICEWG Co-Chairs Exhibit Hall 101</p>		
8:15 AM - 8:30 AM	<p align="center">Remarks Exhibit Hall 101 <i>Noel Kyle, Cybersecurity Education and Awareness Branch, U.S. Department of Homeland Security</i></p>		
8:30 AM - 9:15 AM	<p align="center">Keynote Presentation (Link) Exhibit Hall 101 <i>Angela M. Messer, Executive Vice President, Booz Allen Hamilton Cyber Innovation and Talent Officer</i></p>		
9:15 AM - 9:30 AM	<p align="center">Remarks Exhibit Hall 101 <i>Michael Kaiser, National Cyber Security Alliance</i></p>		
9:30 AM - 10:15 AM	<p align="center">Break (Visit Exhibit Hall) and Cyber Soapbox Session Exhibit Hall 102 <i>NICE Working Group</i></p>		
10:15 AM - 10:37 AM	<p align="center">1-6</p> <p>Virtual-Menternships with Measured & Verified Co-Curricular Transcripts Scale Workforce Ready Cyber Candidate Supply (Link) 302-304 Presentation (Link)</p> <p><i>Dr. Ian MacDonald, Cybersecurity Workforce Alliance, Interim Dean School of Math and Science, St Rose University, NY</i></p>	<p align="center">2-6</p> <p>CyberPatriot: Building the workforce of tomorrow 305</p> <p><i>Bernie Skoch, Commissioner, CyberPatriot</i></p>	<p align="center">3-6</p> <p>Creating a Cyber Competencies Model Tool for Workforce Development (Link) 306</p> <p><i>Lisa Holman, Deputy CISO, US Postal Service Corporate Information Security Office</i></p>
	<p><i>Ricardo Torres, President & CEO, National Student Clearinghouse</i></p> <p><i>Leo Van Duyn, Co-chair, NICE Workforce Workgroup - Taxonomy for the Private Sector</i></p>	<p align="center">2-6</p> <p>Evolution of Competition-Based Cybersecurity Education: Continuing to Inspire 305</p> <p><i>Daniel Ragsdale, Director, Cybersecurity Center Professor of Practice in Computer Science and Engineering, Texas A&M University</i></p>	<p><i>Sarah Benczik, Senior Manager, Deloitte Consulting</i></p> <p><i>Peter Slonina, Senior Consultant, Deloitte Consulting</i></p>
11:00 AM - 11:15 AM	<p align="center">Break Exhibit Hall 102</p>		

<p>11:15 AM - 12:00 PM</p>	<p>1-7</p> <p>The Right One for the Job: Using Aptitude Assessment to Facilitate Cybersecurity Career Decisions (Link) 302-304</p> <p><i>Dr. Lelyn D. Saner, Cognitive Psychologist and an Associated Social Scientist, University of Maryland Center for Advanced Study of Language</i></p> <p><i>Dr. Erica Michael, Technical Director for Language & Performance Metrics, University of Maryland</i></p> <p><i>John Romano, CASL, Director of Information Technology, University of Maryland</i></p>	<p>2-7</p> <p>Cybersecurity Curriculum Development Initiatives (Link) Presentation (Link) Presentation 2 (Link)</p> <p>305</p> <p>Moderator <i>Steve LaFountain, Dean, College of Cyber, NSA</i></p> <p>Panelists <i>Omer Ilker Poyraz, Research Assistant/ Ph.D. Student, Old Dominion University</i></p> <p><i>Dr. Seth Hamman, Assistant Professor of Computer Science, Cedarville University</i></p>	<p>3-7</p> <p>Addressing the cybersecurity skills gap with a "new collar" approach 306</p> <p><i>David Jarvis, Security and CIO Lead, IBM Institute for Business Value</i></p> <p><i>Heather Ricciuto, Security Academic Initiative Leader, IBM</i></p>
<p>12:00 PM - 1:15 PM</p>	<p style="text-align: center;">LUNCH Lightning Sessions Exhibit Hall 101</p> <p style="text-align: center;"><i>A quick series of compelling presentations from experts in cybersecurity, education and training</i></p> <p style="text-align: center;"><i>Cybersecurity Veterans Assistance Project (C-VAP): Education, Training & Certification Through the Eyes of an Avatar (Link)</i> <i>Dr. Rob Williams, Discovery Lab Global</i></p> <p style="text-align: center;"><i>CyberCIEGE and Labtainers: Promoting Exploration in Cybersecurity Labs (Link)</i> <i>Cynthia Irvine and Michael Thompson, Naval Postgraduate School</i></p> <p style="text-align: center;"><i>Should Cybersecurity be an Academic Discipline? (Link)</i> <i>Allen Parrish, US Naval Academy</i></p> <p style="text-align: center;"><i>Stackable Credentials in Cyber Security (Link)</i> <i>Dr. Rob Robertson, Southern Utah University and Matt Heffelfinger, Las Vegas Sands Corp</i></p> <p style="text-align: center;"><i>Building New Cybersecurity Pipeline (Link)</i> <i>Scott Cassity, SANS</i></p> <p style="text-align: center;"><i>Building Cyberspace Military Professionals (Link)</i> <i>Major Logan Mailloux, Air Force Institute of Technology</i></p>		
<p>1:15 PM - 2:00 PM</p>	<p>1-8</p> <p>Systems Engineered Cybersecurity Cadet Capstone Projects - Leveraging Diversity at West Point to Solve Army Problems (Link) 302-304</p>	<p>2-8</p> <p>Centers of Academic Excellence in Cyber Defense: The Current State of CAEs</p>	<p>3-8</p> <p>The Power of Tech-Savvy Boards: Leadership's Role in Cultivating Cybersecurity Talent (Link) 306</p>

	<p>Ernest Wong, Research Scientist & Assistant Professor,, Army Cyber Institute (ACI) at the United States Military Academy (USMA)</p>	<p>305</p> <p>Lynn Clark, National Security</p>	<p>306</p> <p>Shannon Donahue, Director of Cyber/Information Security Practices, ISACA</p>
2:00 PM - 2:15 PM	<p>Break Exhibit Hall 102</p>		
2:15 PM - 3:00 PM	<p>1-9</p> <p>Leveraging the right learning model and embedded analytics for outstanding results in cyber operator training (Link) 302-304</p> <p>P. Shane Gallagher, ADL Learning Scientist, IDA Adjunct Researcher, Institute for Defense Analyses/Science and Technology Division/Advanced Distributed Learning</p> <p>Evan Dornbush, Point3 Security, Inc.</p>	<p>2-9</p> <p>Leveraging Academia-Government-Industry Relationships for Quality Cybersecurity Education (Link) 305</p> <p>Yair Levy, Professor of IS and Cybersecurity, Nova Southeastern University - College of Engineering and Computing</p>	<p>3-9</p> <p>Solving the Cyber Talent Gap by Quantifying Capability (Link) 306</p> <p>Andrew Smallwood, Leader of the Cyber Futures Human Capital Team Strategic Innovations Group, Booz Allen Hamilton</p> <p>Karen Stieg, Principal/Director, Booz Allen Hamilton</p>
3:00 PM - 3:30 PM	<p>Break (Visit Exhibit Hall) and Cyber Soapbox Session Exhibit Hall 102</p> <p>NICE K12 Cybersecurity Education Conference/National Cybersecurity Career Awareness Week Davina Pruitt-Mentle, Lead of Academic Engagement, NICE</p>		
3:30 PM - 4:00 PM	<p>Presentation of Certificates</p> <p>NSA/DHS National Centers of Academic Excellence in Cyber Defense Designation Ceremony Exhibit Hall 101</p> <p>Dr. Leonard Reinsfelder, Commandant, National Cryptologic School, National Security Agency Daniel Stein, Branch Chief, Cybersecurity Education and Awareness Branch</p>		
4:00 PM - 4:55 PM	<p>Keynote: CISO Panel Exhibit Hall 101</p> <p>Moderator Aric K. Perminter, President, International Consortium of Minority Cybersecurity Professionals</p>		

	<p style="text-align: center;">Panelists</p> <p style="text-align: center;"><i>Deneen Defiore, SVP, Chief Technology Officer, Compliance & Security GE Digital Chief Information Security Officer GE Aviation</i></p> <p style="text-align: center;"><i>Deborah Blyth, Chief Information Security Officer, State of Colorado, Governor's Office of Information Technology</i></p>
4:55 PM - 5:00 PM	<p style="text-align: center;">Closing Remarks -- END OF CONFERENCE</p> <p style="text-align: center;">Exhibit Hall 101</p> <p style="text-align: center;"><i>Rodney Petersen, Director, National Initiative for Cybersecurity Education (NICE)</i></p>

Thursday November 9, 2017	
8:00 AM - 5:00 PM	<p>Centers of Academic Excellence PI Meeting</p> <p><i>(by invite only)</i></p>