



Monday October 31, 2016

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| 1:00 PM - 5:00 PM | Seminar 1: Using the NICE Workforce Framework (Separate registration required) Signboard 2 | Seminar 2: Building a Cyber-Ready Workforce Through Business-Higher Education Engagement (Separate registration required) Brookside Room |
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Tuesday November 1, 2016

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| 7:00 AM - 8:00 AM | Breakfast |
| 8:00 AM - 8:10 AM | Welcome and Opening Remarks Century C Ballroom <i>Mayor Sly James, City of Kansas City, Missouri</i> |
| 8:10 AM - 8:15 AM | Welcome Century C Ballroom <i>Rick Geritz, CEO, LifeJourney</i> |
| 8:15 AM - 8:25 AM | Welcome and NICE Remarks Century C Ballroom <i>Rodney Petersen, Director of NICE, NIST</i> |
| 8:25 AM - 8:30 AM | Welcome and NICE Working Group Remarks Century C Ballroom NICEWG Co-Chair <i>Andre Thornton, Whitman Consulting</i> NICEWG Co-Chair <i>Kathi Hiyane-Brown, Whatcom Community College</i> |
| 8:30 AM - 8:35 AM | Announcement and Demonstration of Cybersecurity Jobs Heat Map Century C Ballroom <i>Tim Herbert, CompTIA</i> |
| 8:35 AM - 8:40 AM | Strategic Focus: Accelerating Learning and Skills Development (Link) Century C Ballroom <i>Clarence Williams, Lead for Government Engagement, NICE</i> |
| 8:40 AM - 9:25 AM | Opening Keynote Rewiring the Labor Market to Drive Innovation in Cybersecurity Century C Ballroom <i>Bryon Auguste, Co-Founder, Opportunity@Work</i> |
| 9:25 AM - 9:30 AM | Conference Overview Century C Ballroom Program Committee Co-Chairs (Link) |
| 9:30 AM - 10:15 AM | Break - Visit Exhibits |



| | Track A - Education & Training Liberty Room | Track B - Community Collaboration Pershing North Room | Track C - Innovation & Technology Shawnee/Mission Room | Track D - Program Updates Century C Ballroom |
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| 10:15 AM - 11:00 AM | <p>Session A-1 Teaching Cybersecurity to Power Engineers, Operators, and Researchers -- Lessons learned and the path forward</p> <p><i>Ahmed Fawaz, University of Illinois at Urbana-Champaign</i></p> | <p>Session B-1 The Collaboratory Experience: The Human Factor in Cybersecurity (Link)</p> <p><i>Raymond Albert, University of Maine System</i></p> | <p>Session C-1 Social Media Awareness, Internet Safety and Cyber Bullying -- An interactive educational foundations (Link) Presentation (Link) Presentation 2 (Link)</p> <p><i>Melissa Straub, High impact Youth Training Solutions LLC</i></p> | <p>Session D-1 NICE Working Group</p> <p><i>Andre Thornton, Whitman Consulting</i></p> <p><i>Kathi Hiyane-Brown, Whatcom Community College</i></p> |
| 11:00 AM - 11:15 AM | Break | | | |
| 11:15 AM - 12:00 PM | <p>Session A-2 Attracting and Training Millennials to Close the Cyber Talent Gap</p> <p><i>Michael Kaiser, National Cyber Security Alliance</i></p> | <p>Session B-2 Community Partnerships Increase Sustainability in Cybersecurity Education Initiative Programs (Link)</p> <p><i>Rebecca Hoffart, All Saints Cathedral School</i></p> <p><i>Dr. Marc Boumedine, University of the Virgin Islands</i></p> | <p>Session C-2 Where My Girls At? (Link)</p> <p><i>Rebecca Onuskanich, Cyber Warrior Princess</i></p> | <p>Session D-2 Cybersecurity Apprenticeships (Link) Presentation (Link)</p> <p><i>Girish Seshagiri, Ishpi Information Technologies, Inc.</i></p> <p><i>Ronda Kliman, Department of Labor</i></p> |
| 12:00 PM - 1:15 PM | Lunch and Birds of a Feather | | | |
| 1:15 PM - 2:00 PM | <p>Session A-3 Triple Threat Approach to Cybersecurity Learning and Workforce Development (Link)</p> <p><i>Gregory Von Lehman, University of Maryland University College</i></p> <p><i>Bruce DeGrazia, University of Maryland University College</i></p> <p><i>Loyce Best Pailen, University of Maryland University College</i></p> | <p>Session B-3 Fresh Meat for the Grinder: Delivering Next-Gen Threat Intelligence Talent Through Industry-Academia Partnerships</p> <p><i>Toni Gidwani, ThreatConnect, Inc.</i></p> | <p>Session C-3 Systemized Innovation: Accelerating the Education to Industry Cyber-skills Supply Chain With Workforce Ready Candidates (Link) Presentation (Link)</p> <p>Moderator <i>Frank Cicio, CEO. iQ4. Founder. CWA</i></p> <p>Panelists <i>Dr James R. Stellar, State University New York</i></p> <p><i>Anne Lopes, John Jay School of Criminal Justice, City University NY</i></p> <p><i>John Squires, Partner IP Law</i></p> <p>Gibson Dunn <i>Roseanna T. Blum, Federal Reserve Bank NY and Volunteer CWA mentor</i></p> <p><i>Leo van Duyn, JPMorganChase</i></p> <p>Scott West, <i>PAWARSYSCEN Atlantic, NAVY</i></p> | <p>Session D-3 Cybersecurity Jobs Heat Map (Link) Presentation (Link) Presentation 2 (Link)</p> <p><i>Tim Herbert, CompTIA</i></p> <p><i>Will Markow, Burning Glass Technologies</i></p> |
| 2:00 PM - 2:15 PM | Break | | | |



| | Track A - Education & Training Liberty Room | Track B - Community Collaboration Pershing North Room | Track C - Innovation & Technology Shawnee/Mission Room | Track D - Program Updates Century C Ballroom |
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| 2:15 PM - 3:00 PM | <p>Session A-4 Using the National Cybersecurity Workforce Framework as CAE2Y focused Curriculum Assessment Tool (Link)</p> <p>John Andrew Landmesser, Valley Forge Military College</p> | <p>Session B-4 Firm Foundation: How the South Carolina State Professional Development Program Will Build Tomorrow's Cyber Workforce (Link)</p> <p>Alex White, South Carolina Department of Administration</p> <p>Marcos Vieyra, South Carolina Department of Administration</p> <p>Kevin Paul, South Carolina Department of Administration</p> <p>Tara Mahoutchian, Deloitte & Touche, LLC</p> | <p>Session C-4 IoT Architecture and Security - A Case Study in Cybersecurity Curriculum Development with the NICE Framework</p> <p>Paul Wang, Columbus State University</p> | <p>Session D-4 Cybersecurity Credentialing Collaborative (Link)</p> <p>Wesley Alvarez, EC Council</p> <p>Jeff Frisk, GIAC</p> <p>Rita Heimes, IAPP</p> <p>Randi J. Parker, CompTIA</p> <p>Dan Waddell, ISC(2)</p> <p>Jonathan Brandt, ISACA</p> |
| 3:00 PM - 3:45 PM | Break - Visit Exhibits | | | |
| 3:45 PM - 4:30 PM | <p>Session A-5 Cyber4All - Interdisciplinary Cybersecurity Education Programs</p> <p>Blair Taylor, Towson University</p> <p>Sidd Kaza, Towson University</p> <p>Mark Stockman, University of Cincinnati</p> | <p>Session B-5 Moments In STEM: A Woman's Journey</p> <p>April Boyd-Noronha, The STEM Broker, LLC</p> | <p>Session C-5 The Security Poverty Line: Coping with the Skills Challenge (Link)</p> <p>Nick Flores, FireEye Inc.</p> | <p>Session D-5 Cybersecurity Competitions (Link)</p> <p>Dan Manson, Cal Poly Pomona</p> <p>Jessica Gulick, KATZCY</p> <p>Karen Evans, U.S. Cyber Challenge</p> |
| 4:30 PM - 4:45 PM | Break | | | |
| 4:45 PM - 5:30 PM | <p>Session A-6 Educational Programs for Building and Strengthening the Cyber Workforce (Link)</p> <p>Dan Waddell, ISC(2)</p> | <p>Session B-6 Implementing Public & Private Higher Educational Institution Cyber Security Articulation Agreements in 9-12 Schools (43) (Link)</p> <p>Dr. Thomas Rzemyk, Mount Michael Benedictine School</p> | <p>Session C-6 Reserved</p> | <p>Session D-6 RAMPS for Cybersecurity Education and Workforce Development</p> <p>Rodney Petersen, Director of NICE, NIST</p> |
| 5:30 PM - 5:45 PM | | | | |
| 5:45 PM - 7:00 PM | Reception Benton's - 20th Floor | | | |



Wednesday November 2, 2016

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| 7:00 AM - 8:00 AM | Breakfast | | | |
| 8:00 AM - 8:05 AM | Welcome and Announcements Century C Ballroom <i>Kasha Gauthier, CFO/COO, Pwnie Express</i> | | | |
| 8:05 AM - 8:10 AM | NICE Workforce Framework (Link) Century C Ballroom <i>Bill Newhouse, Deputy Director of NICE, NIST</i> | | | |
| 8:10 AM - 8:20 AM | National Cybersecurity Center of Excellence (NCCoE) and National Cybersecurity Federal Funding Research and Development Center (NCF) Century C Ballroom <i>Tracy Miller DiGioia, National Cybersecurity Center of Excellence</i> | | | |
| 8:20 AM - 8:25 AM | How to Engage with NICE (Link) Century C Ballroom <i>Danielle Santos, NICE Program Manager, NIST</i> | | | |
| 8:25 AM - 8:30 AM | Strategic Focus: Guide Career Development and Workforce Planning (Link) Century C Ballroom <i>Marian Merritt, Lead for Industry Engagement, NICE</i> | | | |
| 8:30 AM - 9:15 AM | Keynote How Industry Builds Their Cyber Security Workforce Century C Ballroom <i>DeEtte Gray, President, BAE Systems' Intelligence & Security sector</i> | | | |
| | Cyber USA (Link) Century C Ballroom <i>David Powell, COO, FBC, Inc.</i> | | | |
| 9:20 AM - 9:30 AM | NICE 2017 Conference Overview (Link) Century C Ballroom <i>Mo McDonald, Dayton Development Coalition</i> NICE 2017 Program Co-Chairs (Link) | | | |
| 9:30 AM - 10:15 AM | Break - Visit Exhibits | | | |
| | Track A - Education & Training Liberty Room | Track B - Community Collaboration Pershing North Room | Track C - Innovation & Technology Shawnee/Mission Room | Track D - Program Updates Century C Ballroom |
| 10:15 AM - 11:00 AM | Session A-7 K-12 Cybersecurity Education: Creating a 21st Century Learning Environment (Link) <i>Daniel Stein, Department of Homeland Security</i> <i>Kevin Nolten, Cyber Innovation Center</i> | Session B-7 The Self-Funded Cybersecurity Day: Event: Inspiring Youth to Pursue Cybersecurity Education and Career Path (Link) <i>Dr. Yair Levy, NOVA Southeastern University</i> <i>Dr. James Parrish, NOVA Southeastern University</i> | Session C-7 Building the Nation's Capacity (Link) <i>Alan Paller, The SANS Institute</i> | Session D-7 NICE Workforce Framework (Link) Presentation (Link) Presentation 2 (Link) <i>Bill Newhouse, NIST</i> <i>Erika Olsen, Federal Communication Commission</i> <i>Stephanie Keith, Department of Defense</i> |
| 11:00 AM - 11:15 AM | Break | | | |



| | Track A - Education & Training Liberty Room | Track B - Community Collaboration Pershing North Room | Track C - Innovation & Technology Shawnee/Mission Room | Track D - Program Updates Century C Ballroom |
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| 11:15 AM - 12:00 PM | Session A-8 Promoting Cyber Careers: Let's Start with Awareness (Link) Panelists <i>Daniel Stein, Department of Homeland Security</i> <i>Emily Reid, Girls Who Code</i> <i>Kevin Nolten, Cyber Innovation Center</i> <i>Bernie Skoch, The Air Force Association</i> | Session B-8 Nothing ventured, nothing gained: Building a cybersecurity experiential learning pipeline with industry partner <i>Connie Justice, Purdue School of Engineering and Technology, IUPUI</i> | Session C-8 Development of Polymorphic Homework and Laboratory Assignments in Cyber Security with PolyLab <i>Nicklaus Giacobe, Penn State University</i> | Session D-8 NICE Challenge Project (Link) <i>Dr. Vincent Nestler, California State University San Bernardino</i> <i>James Ashley, California State University San Bernardino</i> |
| 12:00 PM - 1:00 PM | Lunch | | | |
| 1:00 PM - 1:45 PM | Session A-9 News Skills for a New Fight: Cybersecurity Training for Florida's Veterans (Link) <i>Adam Sheffield, Florida Center for Cybersecurity</i> <i>Kristopher Willis, Florida Center for Cybersecurity</i> | Session B-9 Ask Industry! (Link) Pershing North Room Presentation (Link) <i>Rick Geritz, CEO, LifeJourney</i> | Session C-9 Nurturing and Validating America's Cyber Protection Teams: Mixing it up between DoD and the Commercial Sector (Link) <i>Ligeia Zeruto, IronNet Cybersecurity/ US Cyber Command</i> | Session D-9 Curricular Guidance and Accreditation Criteria (Link) <i>Allen Parrish, United State Naval Academy</i> <i>Sidd Kaza, Towson University</i> <i>Elizabeth Hawthorne, Union County College</i> <i>Col. David Gibson, US Air Force Academy</i> |
| 1:45 PM - 2:00 PM | Break | | | |
| 2:00 PM - 2:45 PM | Session A-10 Making Cybercrime a Truly Interdisciplinary Area of Study <i>Thomas Holt, Michigan State University</i> | Session B-10 Using Community Improvement in Support of the NICE Framework and Student Success <i>Denise Pheils, Owens Community College</i> | Session C-10 Changing the game: Attracting, and Assessing the Best Cyber Talent through Problem Solving & Gamification <i>Andrew Bare, HackerRank</i> <i>Elizabeth Evans, HackerRank</i> | Session D-10 CAE Community (Link) <i>Lynn Clark, National Security Agency</i> <i>Heather Eikenberry, National Security Agency</i> <i>Margaret Leary, Northern Virginia Community College</i> <i>Corrinne Sande, Whatcom Community College</i> |
| 2:45 PM - 3:00 PM | Break | | | |
| 3:00 PM - 3:15 PM | GenCyber Program Update (Link) Century C Ballroom <i>Tina Ladabouche, National Security Agency</i> | | | |



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| 3:15 PM - 3:45 PM | <p align="center">Centers of Academic Excellence (CAE) Designation Ceremony Century C Ballroom</p> <p><i>Diane M. Janosek</i>, Deputy Commandant, National Cryptologic School, National Security Agency <i>Daniel Stein</i>, Cybersecurity Education and Awareness Branch, Department of Homeland Security</p> |
| 3:45 PM - 3:50 PM | <p align="center">Strategic Focus: Nurture a Diverse Learning Community (Link) Century C Ballroom</p> <p><i>Davina Pruitt-Mentle</i>, Lead of Academic Engagement, NICE</p> |
| 3:50 PM - 3:55 PM | <p align="center">CAE Community Century C Ballroom</p> <p><i>Tony Coulson</i>, Professor, Director Cyber Security Center, California State University, San Bernardino</p> |
| 3:55 PM - 4:00 PM | <p align="center">Introduction of Closing Panel Century C Ballroom</p> <p><i>Rick Geritz</i>, CEO, LifeJourney</p> |
| 4:00 PM - 4:55 PM | <p align="center">Closing Keynote Transforming a Nation's Cybersecurity Workforce Century C Ballroom</p> <p>Moderator: <i>Rick Geritz</i>, CEO, LifeJourney</p> <p>Panelists:</p> <p>Israel: <i>Dr. Avi Cohen</i>, Chief Inspector of Computer Science for the Ministry of Education Presentation (Link) United States: <i>Chris Olexia</i>, Chief, National Security Agency Presentation 2 (Link) United Kingdom: <i>Ian Evans</i>, National Cyber Skills Lead for the National Cyber Security Centre Australia: <i>Phillip Scanlon</i>, Founder & Chairman of the Australian American Leadership Dialogue</p> |
| 4:55 PM - 5:00 PM | <p align="center">Closing Remarks Century C Ballroom</p> <p><i>Rodney Petersen</i>, Director of NICE, NIST</p> |
| 5:00 PM - 6:00 PM | <p align="center">Reception Garden Terrace - Executive Office Level</p> |

Thursday November 3, 2016

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| 8:00 AM - 5:00 PM | <p align="center">Centers of Academic Excellence Community Meeting</p> <p align="center"><i>By Invite Only</i> <i>(Separate Registration Required)</i></p> |
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Birds of a Feather Lunch Sessions

November 1, 12 p.m. to 1:15 p.m

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| Rita Heimes, IAPP | Privacy +/- Cybersecurity: Similarities, differences, connections |
| Kent Pankratz, American Family Insurance | Simplify the Security Profile with the NIST Cyber Security Framework (Link) |
| M. Ayyash, Chicago State J. Sands, Moraine Valley CC K. Black, Chicago State | Cyber Security and Cyber Intelligence (CS&CI) Education: Relate and Collaborate (Link) |
| Heather Eikenberry, NSA | Q&A session about the CAE-CO application process |
| Jo Portillo Ed.D, National Cybersecurity Student Association | Building a National Cybersecurity Student Association: Building Connections for Students to the Cybersecurity Workforce |
| Debra Nakama, University of Hawaii Maui College | Creating a Diverse Learning Community: The Wizard of Us |