



## AGENDA

### The 2013 NICE Workshop Navigating the National Cybersecurity Education InterState Highway September 17 – 19, 2013

<b>PLENARY</b>	Plenary & Keynote
<b>TRK1</b>	Awareness
<b>TRK2</b>	Formal Education
<b>TRK3</b>	Professionalization, Certifications, Training & Maintaining a Competitive Cybersecurity Workforce
<b>TRK4</b>	The Role of States in the National Cybersecurity Interstate Highway Competition, CAE Schools & Students

### TUESDAY, SEPTEMBER 17, 2013

TIME	TRACK	TITLES	SPEAKERS	ROOM
7:30 - 9:30am		Badge Pick-Up		Flag Hallway
8:30 - 8:50am	Plenary	Introduction Welcoming Remarks	Dr. Ernest McDuffie (NIST) Donna Dodson (NIST)	Green Aud.
8:50 - 9:50am	Plenary	NICE Component Overviews Introductions	Dr. Ernest McDuffie	Green Aud.
	Plenary	National Cybersecurity Awareness Overview	Kristina Dorville (DHS)	Green Aud.
	Plenary	Formal Cybersecurity Education Overview	Dr. Victor Piotrowski (NSF)	Green Aud.
	Plenary	Cybersecurity Workforce Structure Overview	Benjamin Scribner (DHS)	Green Aud.
	Plenary	Cybersecurity Workforce Training & Professional Development Overview	Roy Burgess (DHS)	Green Aud.
9:50 - 10:05am		Networking, Coffee Break		Café & Hall
10:10 - 10:45am	Plenary	Keynote: The Wounded Warrior Combat Academy	Jim Wiggins (WWCA) Sam Maroon (DoS)	Green Aud.
10:50 - 11:40am	Plenary	Keynote: Academia, Dr. Sujeet Sheno	Dr. Sujeet Sheno (Univ. of Tulsa)	Green Aud.
11:40 - 11:50am	Plenary	Introduction to Track Session	William Newhouse (NIST)	Green Aud.
11:50 - 12:55pm		Networking Lunch		Cafeteria
1:00 - 1:55pm	TRK1	Stop. Think. Connect. Campaign	Emily Eckland (NCSA) Kristina Dorville (DHS)	Lecture Rm D
	TRK2	A: National Cybersecurity Sports Federation	Dr. Dan Manson (CSU Pomona)	Portrait Rm
	TRK2	B: The Open Cyber Challenge Platform	Dr. Victor Fay-Wolfe (URI)	Portrait Rm
	TRK3	Cyber Intelligence Workforce	Troy Townsend (SEI) Melissa Ludwick (SEI)	Lecture Rm A
	TRK4	The Indiana Cybersecurity Service Center – ICSC+	Dr. Melissa Dark (Purdue) Hans Vargas (Purdue)	Lecture Rm B
2:00 - 2:55pm	TRK1	Cybersecurity Virtual Mentoring	Rick Geritz (Life Journey)	Lecture Rm D
	TRK2	A: New Jersey Cyber Aces Academy	Michael Qaissaunee (Brookdale CC)	Portrait Rm
	TRK2	B: Information Security Research and Education (INSuRE)	Dr. Melissa Dark (Purdue)	Portrait Rm
	TRK3	Cybersecurity Education for the Next Generation - Emerging Best Practices	Marisa Viveros (IBM)	Lecture Rm A
	TRK4	Free Federal Training Resources (FedVTE/CTE)	Edward Nyack (DHS)	Lecture Rm B

3:00 - 3:55pm	TRK1	Train-the-Trainer (panel)	Emily Eckland (NCSA) Joshua Davis (Georgia Tech) Aditi Jhaveri (FTC) Ben Halpert (Savvy Cyber Kids) Dave Roberts (IACP)	Lecture Rm D
	TRK2	Holistic Cyber Security Education: Balancing Breadth and Depth (1st of 2 panels)	Dr. Diana Burley (GWU) Dan Ryan Dr. Blair Taylor (TowsonU) David Tobey (VivoWorks) Dr. Claude Turner (Bowie State)	Portrait Rm
	TRK3	Training and Professional Development for Law Enforcement and Counterintelligence	Joshua Black (DC3)	Lecture Rm A
	TRK4	How the Federal Government Can Expand Free Training Resources (panel)	Daniel Stein (DHS) Caren Saxe (DoS) Asif Ismail (MS-ISAC)	Lecture Rm B
4:00 - 4:55pm	TRK1	Mapping Free & Open Source Deep Technical Training to the NICE Framework	Xeno Kovah (MITRE)	Lecture Rm D
	TRK2	Continued: Holistic Cyber Security Education: Balancing Breadth and Depth (2nd of 2 panels)	Dr. Diana Burley (GWU) Barbara Endicott-Popovsky (UW) Siddharth Kaza (TowsonU) Andrew Mangle (CCBC) Dr. Dan Manson (CSU Pomona)	Portrait Rm
	TRK3	Digital Tutoring and Accelerating Expertise in IT: Crossing the 2-Sigma Threshold and Beyond	Dr. Dexter Fletcher (IDA)	Lecture Rm A
	TRK4	A Strategy for Getting Supply Chain Risk Management (SCRM) Practice into Conventional Ed. & Trng. Settings	Justin Clarke (CSSI)	Lecture Rm B

## WEDNESDAY, SEPTEMBER 18, 2013

7:30 - 9:30am		Badge Pick-Up		Flag Hallway
8:30 - 8:45am	Plenary	Welcome	Dr. Ernest McDuffie (NIST)	Green Aud.
8:45 - 9:15am	Plenary	The Executive Order	Kevin Stine (NIST)	Green Aud.
9:15 - 10:15am	Plenary	Keynote Project: National Cybersecurity Workforce Framework (panel)	Roy Burgess (DHS) Brian Burns (DoD) Lucy Antone (OPM)	Green Aud.
10:15 - 11:15am	Plenary	Virtual Training Classroom Overview Virtual Training Classroom - 9:00am - 4:00pm	Ed Nyack (DHS)	Green Aud. Lecture Rm C
11:15 - 11:45am		Networking, Coffee Break & Vendor Expo		Café & Hall
11:55 - 12:45pm	TRK1	Cybersecurity and the Cloud	Annie Sokol (NIST)	Lecture Rm D
	TRK2	A: Measuring Software's Security with Contests	Dr. Michael Hicks (UMD)	Portrait Rm
	TRK2	B: Cybersecurity Competitions in the Healthcare Environment	Dr. Diane Murphy (MarymountU)	Portrait Rm
	TRK3	The Cybersecurity Online Learning Program at Department of State... Continuous Training for All	Michael Petock (Avaya) Michael Riley (Edgesource)	Lecture Rm A
	TRK4	Defense Against the Dark Arts - Cyber Security Basics	Craig Holcomb (NSA)	Lecture Rm B
9:00am-4:00pm	TRK4	Virtual Training Classroom (continues)	Olivia Morris (Avaya)	Lecture Rm C
12:50 - 1:50pm		Networking Lunch, Vendor Expo, Museum Tour		Cafeteria
1:55 - 2:45pm	TRK1	Tentative: The San Antonio Model: The P-20 Cyber Security Career Pathway Network	Jim Brazell (VentureRamp)	Lecture Rm D
	TRK2	Evidence-Based STEM Education and its Role in Cybersecurity	Camsie McAdams (DoEd)	Portrait Rm
	TRK3	Implementation of the NICE Framework (panel)	Chris Kelsall (DoD CIO) Stephanie Keith (DoD) Dagne Fulcher (FConsulting) Renee Forney (DHS)	Lecture Rm A

	TRK4	How to Help Interns Stay on the Yellow Brick Road to a Career in Cybersecurity	Stephen Battista (MITRE)	Lecture Rm B
2:50 - 3:45pm	TRK1	Engaging Students (panel)	Joshua Davis (Georgia Tech) Dr. Michel Cukier (UMD) Dr. Michael O'Leary (TowsonU) Dr. Gurvirender Tejay (NSU)	Lecture Rm D
	TRK2	A: Going Beyond Awareness: How to Achieve Deep Integration of Cyber Security Across K-12	Dr. Chris Stephenson (CSTA)	Portrait Rm
	TRK2	B: Collaboration as a Means to Building Capacity: K-12 Cybersecurity Pathway	Davina Pruitt-Mentle (ETPRO/Cyberwatch)	Portrait Rm
	TRK3	How to Plan for Your Cybersecurity Workforce	Montana Williams (DHS)	Lecture Rm A
	TRK4	Poster Sessions A. On a University-Wide Required Cyber Security Class B. Cyber Boot Camp for H.S. Technology Teachers	A. Dr. Raymond Greenlaw (USNA) B. Dr. M. Hossain Heydari (JMU)	Lecture Rm B
3:50 - 4:45pm	TRK1	Diversity in the Cybersecurity Workforce (panel)	Ambareen Siraj (TTU) Dr. Wesley McGrew (MSU) Davina Pruitt-Mentle (ETPRO) Rose Shumba (UMUC)	Lecture Rm D
	TRK2	A: A Virtual Lab for a Hardware Security Curriculum	Dr. John Chandy (UC)	Portrait Rm
	TRK2	B: A Multimedia-based Virtual Classroom for Cyber-Physical Systems Security Education	Dr. Fei Hu (Univ. of Alabama Tuscaloosa)	Portrait Rm
	TRK3	National Security Professional Development Initiative	Gerald Talbot (OPM)	Lecture Rm A
	TRK4	Teaching Secure Coding in Introductory Programming Classes	Dr. Blair Taylor (TowsonU) Siddharth Kaza (TowsonU)	Lecture Rm B
6:00 - 8:00pm		Birds of a Feather Reception	RECEPTION - Off Campus	TBD

## THURSDAY, SEPTEMBER 19, 2013

8:30 - 8:45am	Plenary	Welcome & Announcements	Dr. Ernest McDuffie (NIST)	Green Aud.
8:45 - 9:15am	Plenary	Keynote Project - The Collegiate Cybersecurity Championship Cup	Dr. Greg White (UTSA)	Green Aud.
9:20 - 10:15am	Plenary	Keynote - Joseph M. Demarest, Jr. and the Federal Bureau of Investigation	Joseph M. Demarest, Jr. (FBI)	Green Aud.
10:15 - 10:45am		Networking, Coffee Break, Vendor Expo		Café & Hall
10:50 - 11:45am	TRK1	How to Leverage Stakeholders and Maximize Outreach Panel (panel)	Silvia Farag (DHS) Nicole Vincent (FTC) Michelle Boykins (NCPC) Ajay Gupta (GSec) Marcus Sachs (NCSA)	Lecture Rm D
	TRK2	A: The Role of NSF Advanced Technological Education (ATE) Centers in National Cybersecurity Education Efforts (panel)	Dr. Corby Hovis (NSF) Casey O'Brien (NCC) Dr. Diana Burley (GWU)	Portrait Rm
	TRK2	B: Resources for Teaching Physical System/SCADA Security (panel)	Dr. Tom Pigg (Jackson State CC) Robert Hamilton (OCT) Matthew Maynard (FTTC)	Portrait Rm
	TRK3	Identification, Tracking and Development of the Cybersecurity Workforce (panel)	Roy Burgess (DHS) George Bieber (DoD CIO) Chris Kelsall (DoN CIO) Kevin Duffer (Skillsoft)	Lecture Rm A
	TRK4	Poster Sessions A. University of Washington CCDC and CTF Teams B. Attitudes on Gender Equal Design of Cybersecurity Competitions	A. Melody Kadenko, David Mah, Edward Samson, Alex Takakuwa, Tariq Yusuf, Larson Zornes (all UW) B. Jason Pittman (Capitol College)	Lecture Rm B
11:50 - 1:00pm		Networking Lunch, Vendor Expo, Museum Tour		Cafeteria

1:00 - 2:00pm	TRK1	Good People, Bad Decisions: An Interplay of Economics, Psychology of Risk	Dr. Dmitry Zhdanov (UC)	Lecture Rm D
	TRK2	Community College Cybersecurity Curriculum: Standardization, Innovation, Articulation (panel)	Casey O'Brien (NCC) Dr. Margaret Leary (NCC) Pat Mikos (MSDE) Corrinne Sande (CWW)	Portrait Rm
	TRK3	Hiring and Managing a Cyber Security Workforce	Scott Cameron (R3GS)	Lecture Rm A
	TRK4	Poster Sessions A. Puzzle-Based Learning for Cybersecurity B. Ensuring Quality of Cybersecurity Education	A. Dr. Dipankar Dasgupta and Sanjib Kumar Saha (UM) B. Dr. M. Turan Ayvaz (ANSI)	Lecture Rm B
2:05 - 3:00pm	TRK1	Answers to Common Privileged Account Management Challenges	Dr. Einar Mykletun	Lecture Rm D
	TRK2	Community Colleges and Designations of Excellence in Cybersecurity and Digital Forensics (CAE2Y, CDFAE) (panel)	Dr. Vera Zdravkovich (NCC) Corrinne Sande (CWW) John Knight (ITCC) Dawn Blanche (AACC) Karen Leuschner (NSA) Denisha Jackson (NSA)	Portrait Rm
	TRK3	How the Department of Veteran Affairs is Implementing the NICE Cybersecurity Framework	Terri Cinnamon (VA)	Lecture Rm A
	TRK4	Poster Sessions A. Becoming an Active Cyber Defender to Help Protect the Cyber Community B. Determining Training Requirements for Supply Chain Risk Management (SCRM)	A. Christopher Barr (TCS) B. Dr. Luke Brooks-Shesler (SRA)	Lecture Rm B
3:05 - 4:00pm	TRK1	Bridging the Skill Gap: (Re)Training Workers into Cybersecurity Careers (panel)	John Knight (Ivy Tech CC) Kip Kunsman (AACC) Kim Law (Nat'l STEM)	Lecture Rm D
	TRK2	Using Virtualization Technology to Support Cybersecurity Curricula and Competitions (panel)	Dr. John Sands (CSSIA) Erich Spengler (CSSIA) Dr. Dan Manson (CSU Pomona) Dr. David Durkee (CSSIA) Wally Eaton (Florida State CJ) Col. Ron Dodge (USMA)	Portrait Rm
	TRK3	Professionalizing the Nation's Cybersecurity Workforce (panel)	Montana Williams (DHS) Dr. Diana Burley (GWU) Dr. Ron Sanders (BAH) Mischel Kwon (MKA)	Lecture Rm A
	TRK4	Poster Sessions A. Training Without Boundaries for the Cybersecurity Workforce B. Federal Information Systems Security Educators' Association Overview	A. Terri Cinnamon (VA) and Scott Anderson (VA) B. Pat Toth (NIST)	Lecture Rm B
4:05 - 4:50pm	Plenary	Workshop Wrap Up & Track Sessions Summary (panel)	Kristina Dorville (DHS) Dr. Victor Piotrowski (NSF) Camsie McAdams (DoEd) Benjamin Scribner (DHS) Roy Burgess (DHS)	Green Aud.
4:50 - 5:00pm	Plenary	<b>Call to Action</b>	Dr. Ernest McDuffie (NIST)	Green Aud.

Visit <http://go.usa.gov/DK7B> for speaker biographies, abstracts, and

<http://go.usa.gov/DkDd> for webcast information. Use #nistnice on Twitter