Workshop on Cybersecurity Workforce Development

Purpose: To provide additional opportunities for public and private sector input and feedback to the report by the Departments of Commerce and Homeland Security called for by the cybersecurity workforce provisions of the *Executive Order on Strengthening the Cybersecurity of Federal Networks and Critical Infrastructure.*

Objectives:

1) To inform and potentially validate findings resulting from the formal assessment, deliberations of the interagency working group, and responses to the Request for Information
2) To raise public awareness of the key areas of focus (e.g., K-12 education, higher education, training, curricula, apprenticeships, etc.)

Workshop Details:

Date/Time: August 2nd, 8:30-11:30 a.m. and 1:00-4:00 p.m. CT
Location: Chicago, Illinois
Host: Illinois Institute of Technology

Agenda:

8:00-8:30 a.m.	Registration
8:30-8:45 a.m.	Welcome and Overview
	Ray Trygstad, Associate Chair, Department of Information Technology and Management, Illinois Institute of Technology
	Frances Bronet, Provost, Illinois Institute of Technology
	Steven Koch, Deputy Mayor, City of Chicago
	Tyson Meadors, Director for Cybersecurity Policy, National Security Council
8:45-9:00 a.m.	Opening Remarks: Assessing the Scope and Sufficiency of Efforts to Educate and Train the Cybersecurity Workforce of the Future

Rodney Petersen, Director, National Initiative for Cybersecurity Education (NICE), National Institute of Standards and Technology, U.S. Department of Commerce

9:00-10:00 a.m.	**Assessing Workforce Needs and Planning for the Future**

Moderator: Adam Sedgewick, Technology Policy Advisor, Office of Policy and Strategic Planning, U.S. Department of Commerce

Panelists:
Tim Herbert, SVP, Research and Market Intelligence, CompTIA
Matt Loeb, CGEIT, Certified Association Executive; Chief Executive Officer, ISACA
Will Markow, Manager of Client Strategy - Analytics, Burning Glass Technologies
Debbie Sagen, Vice President, Workforce Development, Pikes Peak Community College

10:00-10:15 a.m.	Break

10:15-11:30 a.m.	**Growing the Cybersecurity Workforce Through Education and Training**

Moderator: Steve Casapulla, Director, Workforce Operations, Cybersecurity and Communications, U.S. Department of Homeland Security

Panelists:
Art Conklin, Associate Professor and Director of Center for Information Security Research and Education, University of Houston
Tom Fleming, Cybersecurity Practice Lead, Sila Solutions Group
Lazaro Lopez, Associate Superintendent for Teaching and Learning, Township High School District 214
Scott Nelson, Vice President of Program Operations, SecureSet
Jeff Pike, Director of Technology, Global Information Assurance Certification (GIAC)
Tom Polak, Instructor, John Hersey High School

11:30a.m.-1:00 p.m.	Lunch (on your own)

1:00-2:15p.m.	**Recruiting and Hiring a Knowledgeable and Skilled Workforce**

Moderator: Kim Holden, Deputy Associate Director for Recruitment and Hiring, Office of Personnel Management

Panelists:

John Germain, Vice President Infrastructure and Security Services, Xylem Inc.

Jason Hite, Founder and Chief People Strategist, Daoine Centric LLC

Laura Loiacono, Student, Moraine Valley Community College

Ted Mims, Chair of the Computer Science Department, University of Illinois at Springfield

Ray Trygstad, Associate Chair, Department of Information Technology and Management, Illinois Institute of Technology

Jason Volmut, President, CPURX

2:15-2:30 p.m.	Break
2:30-3:45 p.m.	Developing and Retaining a Globally-Competitive Workforce

Moderator: Christine Quinn, U.S. Department of Labor

Panelists:

Shannon Donahue, Director, Information Security Practices, ISACA

Gabrielle Helfgott, Technology Program Manager, CareerWise Colorado

Emilio Herrera, Student, Moraine Valley Community College

Samit Khare, Director GRC Advisory Services and Chief Risk Officer, SDG Corporation

Drew Morin, Director of Federal Cyber Security Technology, T-Mobile

John Sands, Director and PI for the Center for Systems Security and Information Assurance (CSSIA), Moraine Valley Community College

3:45-4:00 p.m.	Closing Remarks: Growing and Sustaining the Cybersecurity Workforce

Dan Stein, Branch Chief, Cybersecurity Education and Awareness, U.S. Department of Homeland Security