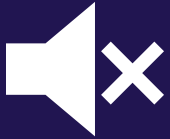


Climbing Higher: Preview of the 2025 NICE Conference & Expo

April 16, 2025

Notes and Reminders



Attendees are muted: Due to the number of attendees, all participant microphones and cameras are automatically muted.



Webinar Recording: This webinar and the engagement tools will be recorded. An archive will be available at www.nist.gov/nice/webinars.



Submitting Questions: Please enter questions and comments for presenters in the Zoom for Government Q&A. Chat has been disabled for this event.



CE/CPE credits: The CEU form will be available on the event page after the event.



Katie Boudreau

*Director
Cyber Talent
Mastercard*



Bridget Chan

*Program Manager
New America*



Donavon Johnson, PhD

*Assistant Professor
Florida International University*



Barbara Peres-Furones

*Assistant Director
Marketing & Communications
Florida International University*



Daniel Eliot

*Lead for Small Business
Engagement
NIST*



Mike Morris

*Associate Dean & Senior Director
ASCSIA, BSCSIA and MSCSIA
Programs
Western Governors University -
College of IT*



Conference & Expo
June 1-3, 2025 • Denver, CO



CLIMBING HIGHER

Educating & Sustaining a Resilient
Cybersecurity Workforce





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June 1-3, 2025 • Denver, CO

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Metro State University of Denver

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Michele Robinson

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Tennessee Tech

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Sarah Morales

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State of Colorado

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State of New York

Eleanor Taylor

Idaho National Labs

Sean McAfee

Cybersecurity and Infrastructure Security
US Agency



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CONFERENCE LOGISTICS



<https://niceconference.org>



SCHEDULE

The conference runs June 1–3. Pre-conference workshops take place on June 1, with the main program kicking off June 2–3.



EXHIBIT HALL

There will be multiple opportunities to network and connect with vendors in the exhibit hall on June 2 and June 3.



HOTEL

The conference will be at the Denver Marriott Tech Center. The government prevailing rate of \$215 is available through May 19, 2025, or until sold out.



SPONSORSHIP

Take advantage of several sponsorship opportunities to boost your visibility and extend your reach at the event.

Supporting Small Business Cybersecurity Through Learner-Centered Services and Experiences



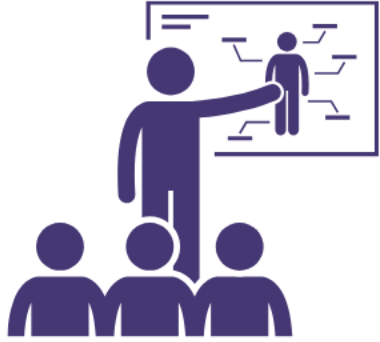
Discussion

- Starting and running college- or university-based cybersecurity clinics.
- Establishing student-operated Security Operation Centers (SOCs).
- Creating professional services programs.
- Designing scalable, sustainable programs.
- Fostering career pathways for cybersecurity practitioners at small enterprises.
- Resources to support programmatic content.

Speakers

- Daniel Eliot & Karen Wetzel, NIST
- Ali Al-Sinayyid, PhD, Assistant Professor | Director, WVSU Cybersecurity Innovation Center
- Richard C. Mac Namee, Director, The Cybersecurity Center, Metropolitan State University of Denver
- Tony Brian, Executive Director, CyberUp
- Mat Trampski, Executive Director, Technology Assistance Program (TAP), Purdue University

Showcasing innovative and promising solutions that benefit small- and medium-sized businesses and provide hands-on learning experiences for learners.



EDUCATOR SHORTAGE IN THE CYBERSECURITY WORKFORCE

The cybersecurity workforce shortage persists and that includes educators. This workshop will frame known barriers and innovative solutions that address the cybersecurity educator recruitment and retention challenge, and then engage participant leaders from academia, government and industry in further focused solution-oriented discussions/exercises.



Michele Robinson

Senior Director for the NCyTE Center, Whatcom Community College



Mike Morris

Associate Dean & Director, Western Governors University

GLOBAL PERSPECTIVES ON WORKFORCE RESILIENCE: BUILDING ADAPTIVE CYBERSECURITY TEAMS FOR TOMORROW'S CHALLENGES

The cybersecurity landscape continues to evolve at a rapid pace with threats becoming increasingly sophisticated while the global talent shortage grows more acute. Within the framework of this year's conference theme 'Climbing Higher: Educating & Sustaining a Resilient Cybersecurity Workforce', this workshop aims to address talent retention challenges by bringing together international perspectives on building resilient cybersecurity workforces capable of adapting to evolving threats and vulnerabilities. The session builds upon previous NICE Conference discussions while advancing the conversation toward practical, collaborative solutions for a global challenge that affects organizations across all sectors and regions.



Kerry-Ann Barrett

Chief of Section,
Organization of American
States



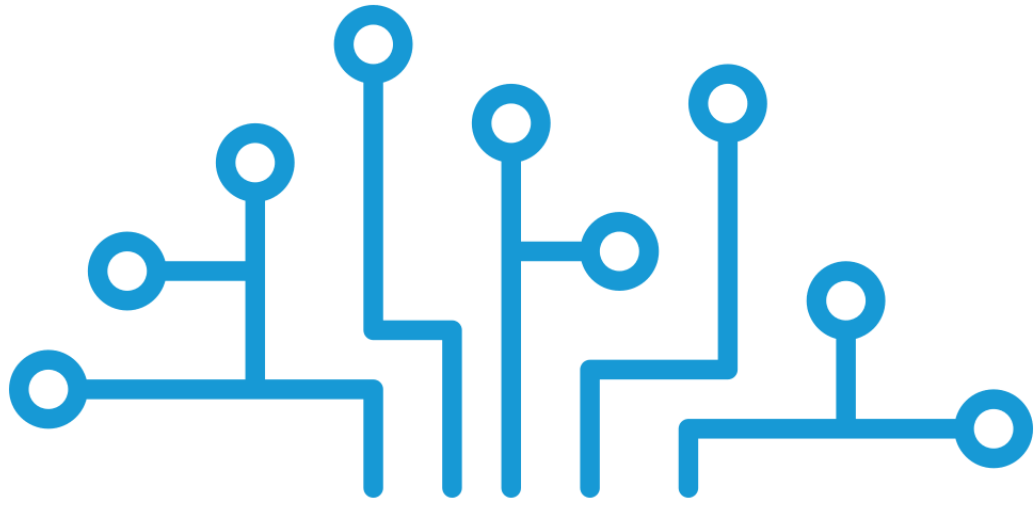
Donavon Johnson

Associate Professor,
Florida International
University



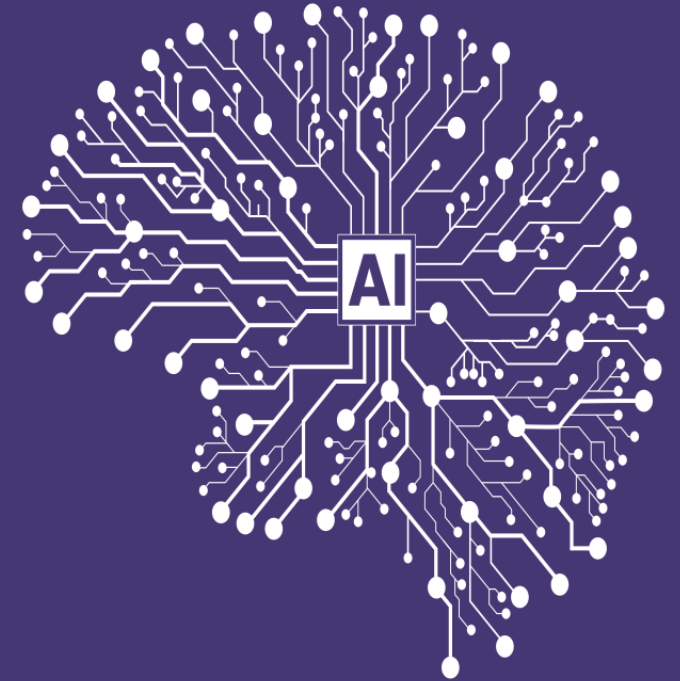
Danielle Santos

Manager of Communications
and Operations,
NICE at NIST



THE IMPACT OF AI ON THE CYBERSECURITY WORKFORCE

Artificial Intelligence (AI) is transforming the cybersecurity workforce, reshaping job roles, skill demands, and operational efficiencies. While AI-driven automation enhances security operations, it also introduces new risks, such as AI-powered cyber threats and ethical concerns. This panel will explore how AI is augmenting the cybersecurity workforce, the evolving skill sets required, and strategies to sustain a resilient workforce in an AI-driven security landscape. This session will equip cybersecurity professionals, educators, and policymakers with the knowledge and tools needed to navigate the evolving cybersecurity workforce in the era of AI.



Q&A



PLENARY SESSION

June 2nd Overview

The main conference kicks off June 2 with a full day of engaging plenary panels and sessions.

- Securing Space: Threats to National Security
- The Evolving Education, Training, and Workforce Needs for Securing Space
- Cybersecurity for Smart Cities: Workforce Implications
- The Role of Private Public Partnerships in Enhancing Cyber Resilience through Education
- Story Showcase



PLENARY SESSION

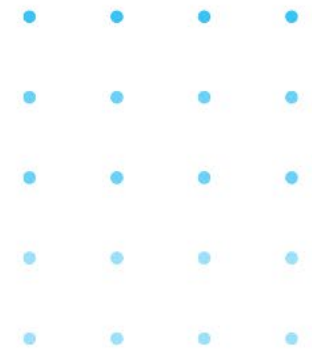
June 3rd Overview

These are the plenary sessions scheduled for the final day—a can't-miss lineup to close out the conference.

- Emerging Technologies and Workforce Development: Preparing for the AI Driven Economy
- Empowering the Future: Cybersecurity in K-12 and Beyond
- Hiring Tech: Building HR Expertise in Credentials, Skill Assessment, and Data-Driven Decision-Making
- Story Showcase



Conference & Expo
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Featured **SPEAKERS**



**Lieutenant General
Thomas Carden**
Deputy Commander,
U.S. Northern
Command, and Vice
Commander, U.S.
Element, North
American Aerospace
Defense Command,
Peterson Air Force Base



Erin Miller
Executive Director,
Space ISAC



Dr. Sana Belguith
Sr. Lecturer, University of
Bristol UK



Michael Alicea
Chief Human Resources
Officer, Trellix



Q&A



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BREAKOUT HIGHLIGHTS



167
Proposals
Received



4
Breakout
Tracks



28
Proposals
Accepted



4
Community of
Interest



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BREAKOUT TRACKS

- 1** INNOVATIVE CYBERSECURITY
EDUCATION AND TRAINING
- 2** TALENT PIPELINE DEVELOPMENT
AND WORKFORCE SUSTAINABILITY
- 3** SKILLS DEVELOPMENT
AND CREDENTIALING
- 4** SPECIALIZED WORKFORCE DEVELOPMENT
FOR CYBERSPACE RESILIENCE



COMMUNITY OF INTEREST

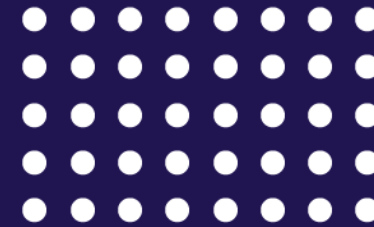
Apprenticeships in Cybersecurity

NICE Framework Users

Cybersecurity Career Ambassadors

K12 Cybersecurity Education

Panel Discussion



Submit an event survey!

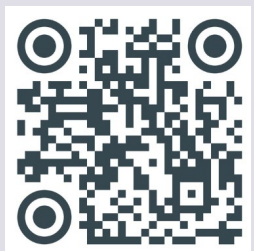
<https://www.surveymonkey.com/r/April2025NICEWebinar>

NICE Webinar Series



nist.gov/nice/webinars

2025 NICE Conference & Expo



niceconference.org



