The Office of Personnel Management is leading the development of a Cybersecurity Human Resources Strategy that addresses recruitment and hiring, learning and training, and retention of cybersecurity talent. To access a course catalog, workforce development tools, sample curricula, and more, learn more at www.nics.us-cert.gov.

Affiliated Programs

- Guide Career Development
- Career Planning and Workforce Planning
- Support employers to address market demands
- Strengthen education and training across the cybersecurity ecosystem to emphasize learning, measure outcomes, and diversify the cybersecurity workforce
- Nurturing a diverse community
- Nurturing and accelerating learning
- Inspire a sense of urgency in both the public and private sectors to address the shortage of skilled cybersecurity workers

NICE Goals
The National Cybersecurity Workforce Framework is the foundation for increasing the size and capability of the U.S. cybersecurity workforce. The Department of Homeland Security partnered with organizations across the U.S. from private industry, federal and state government, and colleges and universities to develop a comprehensive list of cybersecurity tasks and the knowledge, skills, and abilities required to do those tasks.

www.cyber.org

For delivering cybersecurity content in K-12 computer science curricula, learn more at www.cyber.org.

The National Security Agency’s CyberCorps: Scholarships for Service (SFS) program, co-sponsored by the Department of Homeland Security, is a program that provides scholarships to full-time students while attending a participating institution’s cybersecurity, information assurance, or related course of study. SFS awards must agree to serve in a government agency upon graduation for a period equivalent to the length of their scholarship. Learn more at www.cyber.org.

www.nsa.gov/cyberscholarships


The National Security Agency, National Centers of Academic Excellence in Cybersecurity (CAE-C) are co-led by the National Security Agency and the National Institute of Standards and Technology. The National Centers of Academic Excellence in Cybersecurity (CAE-C) programs aim to reduce vulnerabiliti...
The Consortium Emerging Cybersecurity Opportunities and Research (CECOR) is a collaborative project to develop a K-20 pipeline for the cybersecurity workforce. It is a public-private partnership involving thirteen historically black colleges and universities, one public school district, and two national laboratories. CECOR is addressing workforce development challenges and producing a well-rounded cybersecurity workforce.

Through problem-solving, critical thinking, and communication, learn more at www.nist.gov/cybermap.

The Cybersecurity Jobs Heat Map, being developed by CompTIA in partnership with NICE, provides a visualization of the need for cybersecurity workforce. Learn more at www.nice-challenge.com.

The following are a few key projects funded by the federal government:

1. The Cybersecurity Workforce Framework, developed by NIST, outlines the tasks required in the cybersecurity workforce.
2. The NICE Challenge, led by California State University, San Bernardino, is designed to create a flexible set of challenge statements.
Updates from the NICE Program Office.
Learn more at nist.gov/nice and sign up for email.

Visit us Online

Preparedness of K-12 Students: Learn more at nist.gov/nice/k-12.
Conference designed to promote cybersecurity career awareness and support academic curriculum development. Keynote speakers, panel discussions, and exhibits offer opportunities for cybersecurity education in elementary and secondary schools, and industry to address the challenges and curriculum needs of the nation.

Participate in the National K-12 Cybersecurity Education Conference

More at nist.gov/nice/k-12.
Strategies, directions, and priorities; and a forum to showcase best practices. Learn from leading government, industry, and non-profits who are addressing the cybersecurity education, training, and workforce needs of the nation. This event includes educational opportunities for public-private partners to engage in the national effort.

Participate in the Annual NICE Conference and Expo

Career Development and Workforce Planning, Workforce Framework, Training and Certifications

Competitions, Collegiate, K-12

Subgroup focus areas include:
- Information-sharing between the government, academia, and the private sector.
- Working Group meets regularly to provide an opportunity for consultation and advance cybersecurity education, training, and workforce development. The Working Group provides a mechanism for public and private sector participants to develop concepts, design strategies, and pursue actions that advance cybersecurity education, training, and workforce development.

Join the NICE Working Group