

# **National Cybersecurity Career Awareness Week** November 13-18, 2017

I'M SHARING INFO ABOUT #MYCYBERJOB TO SUPPORT #CYBERCAREERWEEK!

National Initiative for Cybersecurity Education (NICE)

#### **Problem**

There is an increasing need for qualified cybersecurity professionals, and a lack of understanding about what a cybersecurity professional does, what iobs are available in cybersecurity, and what cybersecurity career and academic pathways exist.

There are an estimated 299,000 active openings for cybersecurity-related jobs in the United States as of August 2017 (CvberSeek).

Globally, projections suggest a cybersecurity workforce shortage of 1.8 million by 2022. (ISC)<sup>2</sup>

Cybersecurity Awareness ≠ Cybersecurity Career Awareness

## **Objectives**

- Create excitement around increasing public awareness and engagement in building a strong cybersecurity workforce.
- Emphasize the demand and opportunities in the field of cybersecurity.
- · Increase awareness around the multiple career options within the field of
- · Highlight the numerous pathways to enter the cybersecurity career field.
- Showcase programs that increase participation of women, minorities, veterans, persons with disabilities, and other underrepresented populations in the cybersecurity workforce.
- Advance the NICE Strategic Plan objective to inspire cybersecurity career awareness with students.



Figure 2. NCCAW Website

#### **About**

The National Cybersecurity Career Awareness Week, brought to you by the National Initiative for Cybersecurity (NICE), is a week-long celebration focused on increasing awareness about careers in cybersecurity and how building a national cybersecurity workforce enhances America's security and economic prosperity.

NICE brings to the forefront information of local, regional, and national interest to inspire, educate and engage citizens to pique their interest in cybersecurity careers.

National Cybersecurity Career Awareness Week takes place during November's National Career Development Month, and each day of the weeklong celebration provides an opportunity to learn about the contributions, innovations, and opportunities that can be found by choosing a career in cybersecurity.

### **Activities**

Day 1: Nov. 13, 2017 – Kickoff Event at the National Cybersecurity Center of Excellence

Day 2: Nov. 14, 2017 – Increasing underrepresented populations

Day 3: Nov. 15, 2017 - Webinar Nontraditional Pathways of

Apprenticeship and Cooperative Education Day 4: Nov. 16, 2017 - Infusing Cybersecurity Across the Education

Day 5: Nov. 17, 2017 - Identifying Academic and Career Pathways

Day 6: Nov. 18, 2017 - Increase Career Awareness through Informal Activities. Ending session at the National Cryptologic Museum

The 2017 activities have been organized around the four prongs of the K-12 Cybersecurity Education Implementation Plan: however, we encourage all stakeholders to engage in the week-long celebration



Figure 3. NCCAW Banner

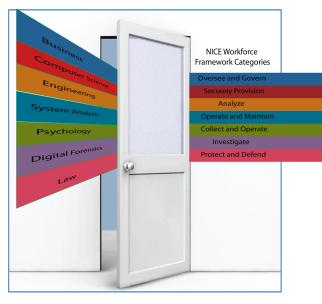


Figure 4. Academic Disciplines and NICE Framework Categories

#### How Do I Get Involved?

- 1. Visit the website nist.gov/nice/nccaw
- 2. Add the Facebook NCCAWFrame
- 3. Use Hashtags:
- #MYCYBERJOB
- #CYBERCAREERWEEK
- 4. Share the CyberSeek Career Pathway Tool Cyber Seek





Figure 5. NCCAW Facebook Frame





4. NCCAW nist.gov/nice/nccaw