## Welcome and Overview

## Marian Merritt

Deputy Director
National Initiative for Cybersecurity Education
National Institute of Standards and Technology, U.S. Department of Commerce

# 2022 Federal Cybersecurity Workforce Summit

**Purpose:** To provide strategic directions and programmatic updates for stakeholders in the federal government who support the recruitment, hiring, development, and retention of the workforce necessary to reduce cybersecurity risks in federal environments.

### **Objectives:**

- To provide strategic and program updates from key departments and agencies that influence cybersecurity workforce legislation, policy, guidance, and standards
- To highlight key projects and initiatives that support the growth and sustainment of the Federal cybersecurity workforce
- To create a sense of community among individuals in Federal departments and agencies with similar responsibilities for building a superior cybersecurity workforce

#### **Event Reminders:**

- This event will be recorded
- Presentation slides and recording will be available after event
- Q&A will occur after intermission

## Welcome and Overview

Rodney Petersen

Director

National Initiative for Cybersecurity Education
National Institute of Standards and Technology, U.S. Department of Commerce

# NICE Strategic Plan and Implementation Plan

To energize, promote, and coordinate a robust community working together to advance an integrated ecosystem of cybersecurity education, training, and workforce development



Promote the Discovery of Cybersecurity Careers and Multiple Pathways



Transform Learning to Build and Sustain a Diverse and Skilled Workforce



Modernize the Talent
Management Process to Address
Cybersecurity Skills Gaps



Expand Use of the Workforce Framework for Cybersecurity (NICE Framework)



Drive Research on Effective Practices for Cybersecurity Workforce Development



# NICE Events & Community Engagement



www.nist.gov/nice



nice@nist.gov



@NISTcyber



#### **Learn More with NICE Events**

- NICE Webinars (monthly)
- Annual NICE Conference & Expo (Jun 6-8 Atlanta, GA)
- Cybersecurity Career Awareness Week (Oct 17-22)
- NICE K12 Cybersecurity Education Conference (Dec 5-7 St. Louis, MO)
- Federal Cybersecurity Workforce Summit and Webinar Series (annually)
- Federal Information Security Educators (FISSEA) (May 17)

### **Get Involved with the NICE Community**

- NICE Community Coordinating Council
  - Working Groups: Promote Career Discovery, Transform Learning Process, and Modernize Talent Management,
  - Communities of Interest: Apprenticeships in Cybersecurity, Cybersecurity Skills Competitions, K12 Cybersecurity Education
  - NICE Framework Users Group
- NICE Interagency Coordinating Council
- NICE Stakeholder Engagement
  - Sectors: Academia, Industry, Government, and International
  - Audiences: Employers, Education and Training Providers, and Learners

## Welcome and Overview

Robert Shriver

Associate Director
Employee Services, U.S. Office of Personnel Management

# Opening Remarks

Dorothy Aronson

Chief Information Officer
National Science Foundation
and Co-Chair of the CIO Council Workforce Committee





# HBCU RECRUITMENT INITIATIVE

**ASSESSMENT** 



# President's Management Agenda

Empower Federal Workforce

Equitable Customer Service

### **NSF CIO & CDO**

Racial Equity Task Force
STEM Education
Missing Millions

# Build a Cyber workforce that reflects the People we Serve

**GenZ Parent** 

# CIO Council Work Force Committee

Full employment lifecycle

Planning, Recruitment, Retention, Training, Management

Citizen

# 









### **HBCU RECRUITMENT INITIATIVE**

### **PURPOSE**

The Federal CIO Council's Workforce Committee seeks to improve the recruitment and hiring of top talent from Historically Black Colleges and Universities (HBCU).

 Focused recruiting at HBCUs can increase diversity, inclusion, and innovation in the workplace.



### **GOAL & OBJECTIVES**

Improve the federal government's engagement and recruitment of IT talent from HBCUs.

- Engage with HBCUs and support the federal government to better connect with, market to, and recruit minority students and graduates.
- Promote and model a diverse and inclusive workforce through federal agencies' employee outreach.
- Develop a communications tool kit that can be leveraged across the government for HBCU recruitment.







### **WORKING TOGETHER & PAVING A WAY FOR SUCCESS**



Interviews with members from the Workforce Committee led the team to identify challenges within three stages of the hiring process, and offer recommendations based on group discussions, to help expand federal agencies' efforts to attract and retain high-potential diverse talent

From recruiting to hiring and retaining, there are resources, points of entry, and hand-offs that take place along the way.



# Networking and Career Channels:

- Cyber Careers.gov
- Grace Hopper Celebration

#### Intake:

- Digital Corps
- Pathways Program

### Development:

- Cyber NextGen
- Open Opportunities

# 

### **OVERARCHING THEMES - SNAPSHOT**



### FEDERAL AGENCIES' RECRUITMENT EFFORTS GO BEYOND HBCUS



- Many agencies' recruitment efforts expand beyond HBCUs and include underrepresented schools such as Minority-Serving Institutes (MSI), Hispanic-Serving Institutes (HSI), and Tribal Serving Institutions (TSI)
- Many agencies recruiting programs in these areas are nascent or have yet to be developed



### **IMPROVING FEDERAL AGENCIES' PERSONA IS IMPORTANT**

- Students may not perceive the federal government as being diverse or having cutting-edge IT initiatives
- Federal agencies must deliver messages via various communication tactics during outreach to humanize their image, and
- Demonstrate what working in different IT positions across the government is like FROM individuals who look like applicants



### GEN ZS JOIN THE WORKFORCE, BUT EXPECTATIONS DIFFER

• The talent pool of recent graduates have different views and expectations of work (i.e., where they want to work and schedule, how they want to be managed, how long they expect to stay at one job before advancing to the next level). The pitch for stability and long-term placement is not perceived as a benefit.

# 

### **CHALLENGES**

The government has an antiquated hiring process and extensive length of time to onboard

The federal government cannot compete in pay with the private sector

Wide disparities in pay (GS level), benefits, and employee proposition impacts retention



Job descriptions often result in misalignment between candidates' education or experience and current qualification standards

Many agencies lack entrylevel IT positions for early career talent

The federal government has an aging workforce

Applicants are unfamiliar with writing resumes for federal positions

The government has an antiquated hiring process and extensive length of time to onboard



### **OUR JOURNEY**







Meet with recruiting, diversity, equity, and inclusion experts to gain insight into existing programs and efforts, background information, best practices, and lessons learned to plan, develop, and strengthen the impact of this initiative



### **ASSESS & DEVELOP**

- Gather and analyze feedback and data from discussions to understand current landscape; determine appropriate direction
- Define goals and objectives
- Identify engagement opportunities, develop messaging and create communication strategy for HBCU recruiting



### **IMPLEMENT**

Lay a foundation and carry out the activities and communicate key messages as outlined in the communications plan; adjust timelines or activities as needed

feedback@cio.gov



### **MAINTAIN**

0 0

- Provide strategy and communications that agencies can leverage to recruit from **HBCUs**
- Create multiple continuities for **HBCUs** to access federal government career resources
- **Promote Pathways** program/internships
- Routinely participate in career fairs/events and leverage existing student networks

Federal Cybersecurity Workforce Priorities and Policy Initiatives

Chris Inglis

National Cyber Director
Executive Office of the President

CISA Federal Cyber Defense Reskilling Academy

Clifford Malachi D Scott

Cybersecurity Analyst
Cybersecurity and Infrastructure Security Agency

# FEDERAL CYBER DEFENSE SKILLING ACADEMY (FCDSA)

C. Malachi D. Scott

Cyber Defense Education & Training (CDET)



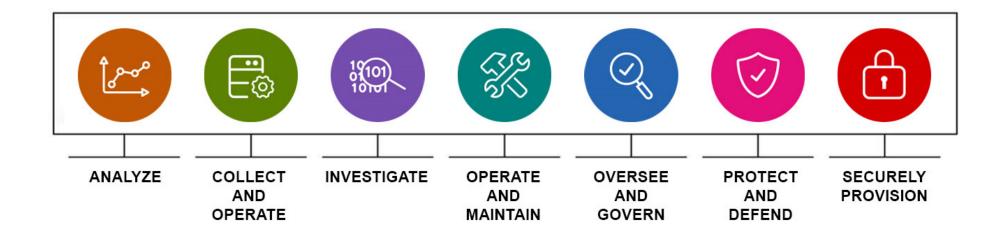
# **Cybersecurity Workforce Trends**

- Workforce skill gap projection: According to (ISC)<sup>2</sup>, the global cybersecurity workforce shortage is projected to reach 3.5 million by 2025
- Workforce job vacancies: According to CyberSeek, there are 465,000 open U.S.
   cybersecurity positions waiting to be filled as of April 2022.
- Recruiting: 54% of all open cybersecurity positions take an average of three months to fill according to an ISACA study
- Diversity: In the U.S. women make up only 24% of the cybersecurity workforce according to a 2022 study conducted by (ISC)<sup>2</sup>
- Salary: According to the Bureau of Labor Statistics, as of May 2020, the median salary for a cyber defense analyst is 103,950.



# **NICE Cybersecurity Workforce Framework**

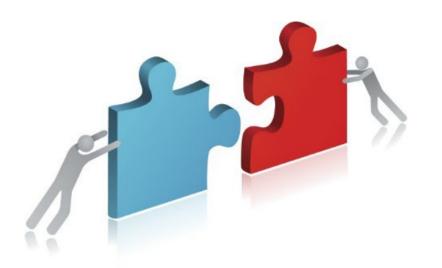
- Describes cybersecurity work
- Supports strategic workforce development
- Includes 7 Categories, 30+ Specialty Areas, 50+ Work Roles





## Directive

To support the President's Management Agenda, Cross Agency Priority (CAP) subgoal to build a modern IT and cybersecurity workforce, collaborate in overseeing and facilitating execution of skills training with the purpose of skills assessments, training curriculum, and programs that align with the National Initiative for Cybersecurity Education (NICE) Workforce Framework.





# Purpose

The FCDSA will training Federal Employees to be Entry Level Cyber Defense Analyst (CDA) per the Workforce Framework. We will train to students to use defensive measures and information collected from a variety of sources to identify, analyze, and report events that occur or might occur within the network to protect information, information systems, and networks from threats.



# **Applying**

- Who may apply
  - DHS Federal Civilian Employees
  - Any job series
  - GS-5s through GS-11s or equivalent
  - Exceptions can be made for GS-12 through GS-15 once lower grades are exhausted

- Aptitude and attitude assessment
  - Does not assess students' knowledge of cyber security
  - 45-60 minutes
  - Identifies optimal career matches
  - 12 work style preferences
    - Job satisfaction
    - Task-relevant
    - 7 career families



## **Full-Time Cohort**

- 100% remote
- 12 weeks (Full-Time Cohort)
- Two 1-week breaks
- 8 AM 5 PM ET
- Monday Friday excluding Federal Holidays
- No prescheduled Annual Leave outside of the breaks

- Supervisor approval required
- While not a detail, Home Agency agrees that this is the student's full-time duty
- Laptop with webcam
- Must be on webcam during class hours
- Have access to Teams and Skillable



# **Key Training**

# Individual courses are matched to the NICE Framework

- Fundamental of Linux
- Windows Familiarization
- CompTIA
- Basic Networking and Protocol Analysis
- Introduction of Python
- Python for Security Analysis

- Concepts of Intelligence Based
   Computer Network Defense
- Correlating Attacks, Advanced DATA Analysis
- Identifying Common Hacker Techniques, Methods, and Vector
- Incident Detection Response and Handling



# **Student Comprehension**

### How do we ensure students are learning and retaining?

- Weekly Quizzes
- Automatic grading for instant feedback
- Labs (245hrs out the 501hrs)
- One-on-one instruction, if needed
- Learning Management System
  - Allows multiple tries at Labs for more practice and building of knowledge
- CyberScore Assessment
  - Taken at start of course and end of course.

# **Testing Knowledge**

# Students will be given the CyberScore Assessment at the start of the course and at the end.

- CyberScore Assessment Labs test on:
  - Protocol Analysis
  - Intrusion Detection
  - Incident Handling Methodology
  - Network Defense Analysis (Vulnerability)
  - Network Attack Analysis (Pen Testing)
- Each topic has a 45-minute Lab portion.





## Certification

# Students receive a voucher to take CompTIA's Security+ Exam at the end of their Cohort.

- This will test six knowledge domain areas:
  - Threats, Attacks, and Vulnerabilities
  - Technology and Tools
  - Architecture and Design
  - Identity and Access Management
  - Risk Management
  - Cryptography



\*Testing is setup to be remote although students can choose to take the test onsite at a Pearson Vue Testing Center.



Questions?

Education@cisa.dhs.gov

# Cyber Excepted Service

**Bobbie Sanders** 

Director

Cyberspace Workforce Management Directorate, DoD CIO Resources and Analysis, U.S. Department of Defense



## Panel Discussion:

A Workforce Skilled in Cybersecurity for Operational Technology

### Karen Wetzel

Manager of the NICE Framework
National Initiative for Cybersecurity
Education, National Institute of
Standards and Technology, U.S.
Department of Commerce

### Keith Stouffer

Project Manager
Cybersecurity for Operational
Technology, National Institute of
Standards and Technology, U.S.
Department of Commerce

### Maureen Roskoski

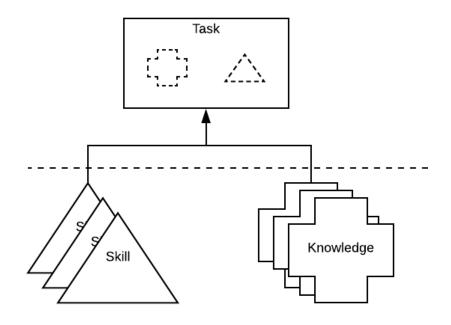
Senior Professional and Corporate Sustainability Officer Facility Engineering Associates, PC

## Workforce Framework for Cybersecurity (NICE Framework)

- ✓ Establishes a common, consistent lexicon to clearly share information about cybersecurity work
- ✓ Provides direct information about what a workforce needs to know
- ✓ Enables the establishment of regular processes

### **Building Blocks Approach**

TKS Statements:
NICE Framework Building Blocks



Using the NICE Framework: **Building Block Applications** 



### **TEAMS**

 Defined by Competencies or Work Roles



### **COMPETENCIES**

- Groupings of TKS
- Means of assessing a learner



### **WORK ROLES**

- Groupings of Tasks
- Work someone is responsible for



## **NICE Framework Evolution**



NIST 800-181:
A National Framework



NIST 800-181: First Revision



NICE Framework
Data Review



**Continued Growth** 



What started as an effort to align the federal cybersecurity workforce is intentionally expanded as a national framework.

2020

Name changed in recognition that cybersecurity is a concern across the workforce; other community-suggested adjustments streamline use and increase efficacy.

2021

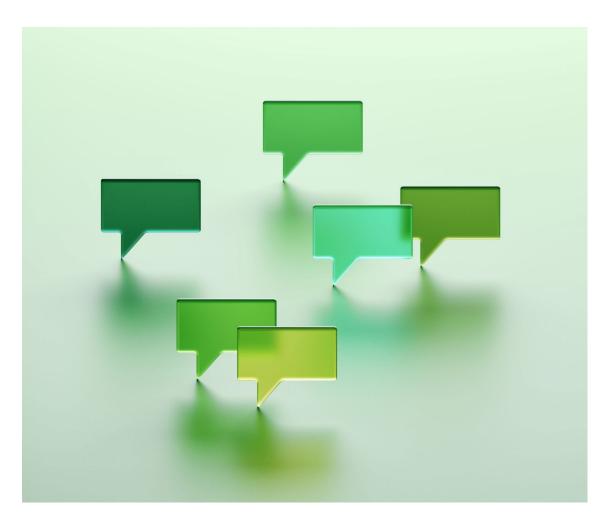
Focusing on reviewing the data to align with the 2020 revision, addressing gaps, and developing process to ensure responsiveness and community input.

Continued review and improvements of TKS statements, an updated Competency Areas list, and the development of an online platform for browsing, searching, exporting, and public commenting



## Call for Comments: Knowledge and Skill Statements

https://www.nist.gov/news-events/news/2022/04/updated-nice-framework-knowledge-and-skill-statements-public-comment



### Adjustments address:

- Alignment with <u>TKS Authoring</u>
   <u>Guide</u> principles
- Unnecessary redundancies or duplicates
- Inconsistent and unclear language

### **Comment deadline:**

11:59pm ET on June 3, 2022

### Send comments to:

NICEFramework@nist.gov



Lightning Rounds

# Data Scientist Occupation

April Davis

Director

Classification & Assessment Policy, Talent Acquisition & Workforce Shaping, Employee Services, U.S. Office Of Personnel Management

# FEDERAL CYBERSECURITY WORKFORCE SUMMIT

United States Digital Corps Program

Caitlin Gandhi

Program Lead U.S. Digital Corps, U.S. General Services Administration

# **Program Overview**

Federal Cybersecurity Workforce Summit

April 26, 2022



# **US Digital Corps Overview**

The U.S. Digital Corps was launched in August 2021 by the Biden-Harris administration and is operated by GSA's Technology Transformation Services (TTS).

It is a two-year fellowship for early-career technologists to work in government with a path to career positions with the goal of building a deep, sustainable tech talent pipeline for federal agencies.





#### **CROSS-GOVERNMENT SUPPORT**

The U.S. Digital Corps is aligned with key Administration priorities and championed by senior agency leaders:



"The Digital Corps offers technologists just starting out in their career the opportunity to make government work better for the American people." – **GSA Administrator Robin Carnahan**.



"The U.S. Digital Corps is a forward-looking solution that will meet the Biden Administration's goals of advancing federal IT and cybersecurity." – Clare Martorana, Federal Chief Information Officer



"OPM is excited to support the U.S. Digital Corps as one facet of the Biden-Harris Administration's commitment to rebuilding, reenergizing, and diversifying the federal workforce." – **Kiran Ahuja, OPM Director.** 



#### **BROAD IMPACT**

#### **ADMINISTRATION PRIORITIES**

- President's Management Agenda
- American Rescue Plan {COVID-19, economic recovery, racial equity, technology modernization}
- Executive Order on Diversity, Equity, Inclusion, and Accessibility in the Federal Workforce
- Executive Order on Ensuring a Data-Driven Response to COVID-19 and Future High-Consequence Public Health Threats
- National Security Memorandum on Revitalizing America's Foreign Policy and National Security Workforce, Institutions, and Partnerships

**ADVANCING EQUITY** 

REVITALIZING THE FEDERAL WORKFORCE

ACCELERATING DIGITAL SERVICES

ATTRACTING CYBER & AI TALENT



#### PROGRAM OVERVIEW

New two-year fellowship for junior technologists in the fields of software engineering, cybersecurity, design, product management, and data science & analytics

- Focus on highly skilled, early-career, diverse talent
- Fellows work on high-impact technology projects at host agencies
- Opportunity for career conversion & <u>permanent</u> placement at host agency
- U.S. Digital Corps program leads centralized recruitment and selection in collaboration with host agencies.
- 40+ fellows expected to begin work at 10+ agencies in June 2022
- At scale, hundreds or thousands of Fellows per year hired directly at host agencies.



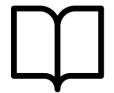
#### **FELLOW EXPERIENCE**

The Digital Corps will be many Fellows' first experience in the federal government, if not the workforce entirely. During the two year program, dedicated, centralized program staff at GSA will support Fellows through:





LEARNING & DEVELOPMENT



**MENTORSHIP** 



COHORT COMMUNITY

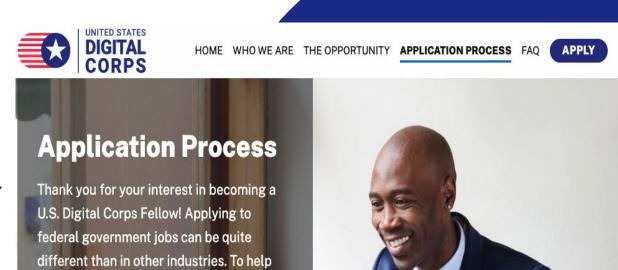




#### **INAUGURAL COHORT**

#### **Applications were open from November 8-15:**

- 2210 positions @ GS-9 (career ladder to GS-12)
- Remote-first placements
- \$82,000+ minimum compensation in Washington D.C. with recruitment incentive
- Pathways Recent Graduates authority offers permanent career conversion
- Using <u>SME-QA</u> for qualification



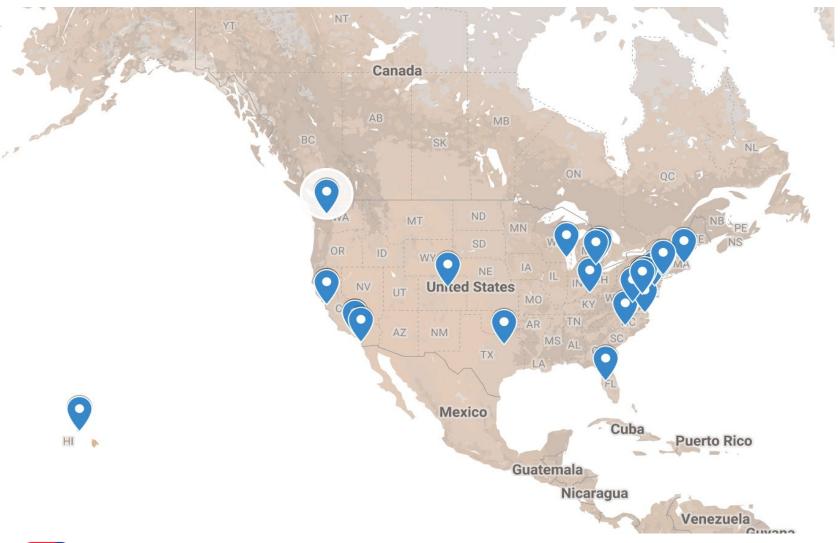
you with the process, we outlined each step along the way on this page and answered

your frequently asked questions.

- ⇒ 1,085 applicants in only 7 days
  - ⇒ diverse & representative applicant pool



### **ONBOARDING CANDIDATES**



#### **Informal snapshot:**

- 39\* issued offers as of 4/15
- 18 states and territories
- 64% will work remotely (75% of those who had an option chose remote)
- Approx. 50/50

   undergrad vs. grad
   experience

\* and counting...



### **AGENCY PARTNERSHIP**

- → Requests for 160+ Fellows from 70 submissions across federal government
- → Prioritized based on:
  - Potential for impact
  - Mature technical teams
  - Commitment to Fellow learning & growth
- → Placing at 13+ agencies in June 2022
- → Aiming for 80+ Fellows / placements in June 2023



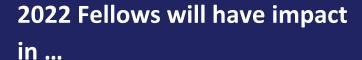












- Climate
- Customer experience
- Cybersecurity
- Economic recovery
- Equity
- Healthcare
- Immigration
- Open innovation
- ... and so much more



### **LEARNINGS**

#### **TALENT**

- Interest is high, particularly among people from diverse backgrounds
- Talent is incredibly strong capable of qualifying at GS-9+

#### **HIRING**

- Mechanisms are slow and negatively affect candidate experience, but can be mitigated against - with dedicated effort
- Current policies limit
  matriculation of our core
  target talent pool

#### **AGENCY CONDITIONS**

- Agency demand for early GS-level support is incredibly high
- Centralizing core hiring functions alleviates agency burden
- Program participation is limited to well resourced agencies





Visit: digitalcorps.gsa.gov

Email: usdigitalcorps@gsa.gov

Follow: @USDigitalCorps



# FEDERAL CYBERSECURITY WORKFORCE SUMMIT

CyberCorps: Scholarship for Service (SFS)

Job Fair Alignment to NICE Framework

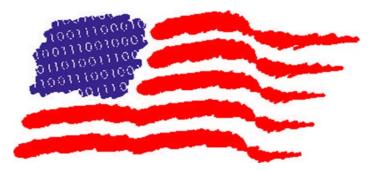
Kathy Roberson

SFS Program Manager
Strategic Staffing Solutions Manager, OPM
HR Solutions, Staff Acquisition,
U.S. Office of Personnel Management

Dr. Nigamanth Sridhar

Program Officer
Division of Graduate Education,
National Science Foundation

# CyberCorps® Scholarship For Service (SFS)



The CyberCorps (R): Scholarship For Service (SFS) is managed by National Science Foundation, in collaboration with the U.S. Office of Personnel Management, the Department of Homeland Security and, in accordance with the Cybersecurity Enhancement Act of 2014 (Public Law No: 113-274), as amended by the National Defense Authorization Act. These initiatives reflect the critical need for Information Technology (IT) professionals, industrial control system security professionals, and security managers in Federal, State, local and tribal governments.







# **CyberCorps®: SFS Mission and Structure**

- Seeks to increase the number of qualified students entering the fields of information assurance and computer security and to increase the capacity of the United States higher education enterprise to continue to produce professionals in these fields to meet the needs of our increasingly technological society.
- Provides funds to colleges and universities to award scholarships to students.

# CyberCorps®:SFS Scholarship

#### **Scholarship**

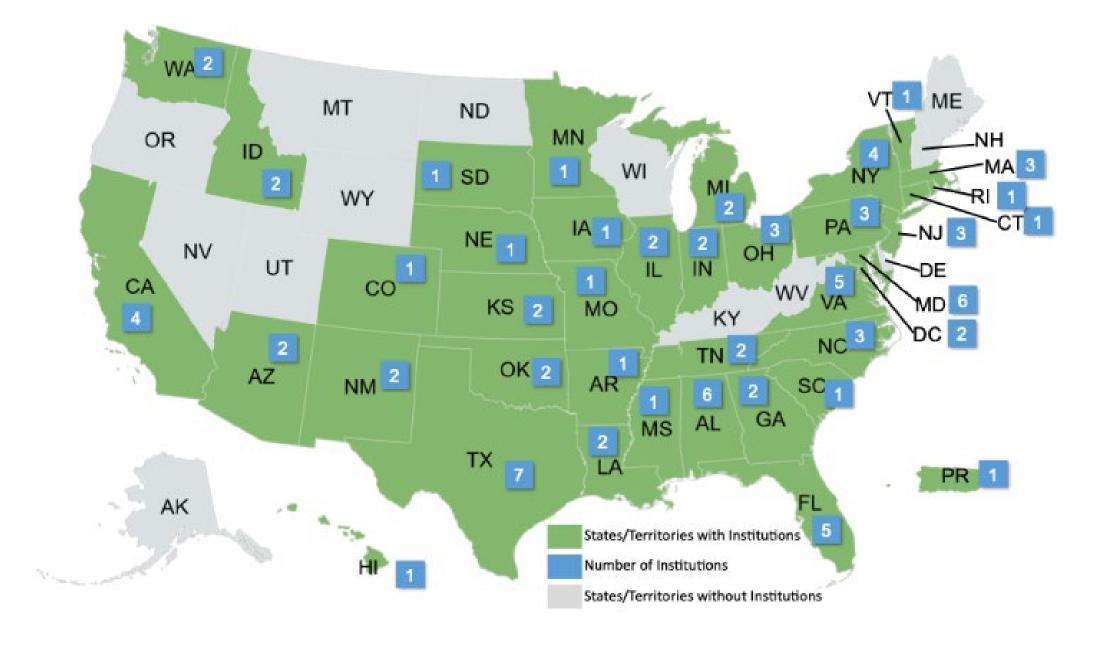
- Funding: tuition, fees, and stipends (\$25K/\$34K per year)
- Length: 1-3 years
- Obligation: Summer internship, post-graduation service requirement

#### **Eligibility**

- Citizen or lawful permanent resident of the United States
- Full-time student within three years of graduation with a bachelor's or master's degree in a coherent formal program focused on cyber security; or a research-based doctoral student
- A community college student at an SFS Community College Cyber Pilot (C3P) awardee institution pursing an associates degree or specialized certification in the field of cybersecurity; AND already have a bachelor's degree or are a veteran of the Armed Forces.
- Eligible for government employment (must be able to acquire security clearance)
- Awardee institutions set additional selection criteria

# **CyberCorps®: By the Numbers**

- Over 4,700 scholarships awarded since 2001
- 92% placement rate in more than 140 federal/state/local tribal agencies and FFRDC/national labs
- 99 participating universities
  - 39 states, DC, and Puerto Rico (see list at <a href="https://www.sfs.opm.gov/contactsPl.aspx">https://www.sfs.opm.gov/contactsPl.aspx</a>)
  - 19 Minority Serving Institutions
  - 28 community colleges that participate as a partner with a CyberCorps<sup>®</sup> university
- Over 750 currently in school
- Over 350 will graduate in 2022
- Surveys show that over 64% of graduates stay with the government beyond their obligation



# **Education Level and Fields of Study**

- Most Common degree is a Master's (53%), followed by a Bachelor's (39%), Ph.D (4%), and Associate's (4%)
- 74% graduate with a GPA of 3.6 or higher
- Over 60 different areas of study

Common Areas of Study	Uncommon Areas of Study
-----------------------	-------------------------

Computer Science Accounting

Computer Engineering Business Administration

Computer Forensics Law/JD

Computer & Network Security Forensics

Computer Information Systems Political Science

Cybersecurity Computer Criminology

Information Assurance Telecommunications

Information Security Wireless Software Engineering

# **Occupations**

Any position related to cybersecurity at an approved organization.

- Accountant (Cyber)
- Attorney (Cyber)
- Analyst
- Computer Scientist
- Computer Science-Cryptography
- Engineer
- Forensics
- Information Security Analyst
- Information Assurance
- Information Technology
- Information Security Officer

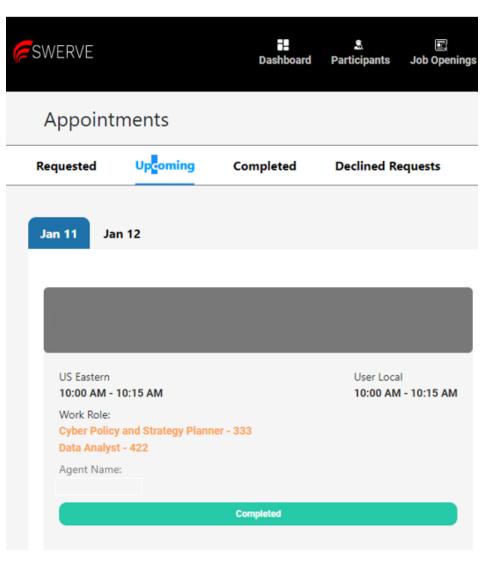
- Policy
- Network Security Analysts
- Research and Development
- Security Operations Analyst
- Software Vulnerability Analyst
- Systems Security Designer
- Technology Security Designer
- Telecommunications
- Threat Analyst
- Vulnerability Analyst
- Wireless Security

# **CyberCorps®: SFS – Recruitment/Hiring Events**

- Annual Virtual job fair in October/November
  - Aligns with NICE Framework
  - Over 50 agencies represented
  - Over 300 participants
  - Set up on demand or prescheduled appointments
- Annual In-Person job fair in the Washington, DC, area in early January
  - Aligns with NICE Framework
  - Over 90 agencies represented
  - Close to 500 participants
  - Open interview areas
  - Private interview areas

## **SFS Job Fairs & NICE Framework**

- Work Roles with definitions added to virtual platform
- Participants can identify which work roles they are interested in
- Agencies can identify which work roles they are recruiting for
- Agencies can search participant profiles to identify participants with specific work roles.



## **DHS CISA Use of Work Roles**

Allowed us to Schedule interviews quicker

Aligned candidates with Work Roles

Used work roles to build positions in platform

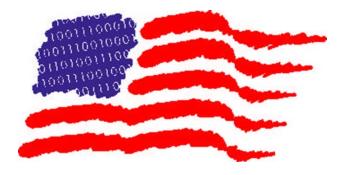
Made sorting through the 600+ candidates much easier!

# **CyberCorps®: SFS – Hiring SFS Students**

Cybersecurity Enhancement Act, Public Law 113-274, Sec. 302e

- SFS participants appointed in the excepted service
  - Internships
  - Post graduation appointments
- Upon fulfillment of the service term, may be converted noncompetitively to term, career-conditional, or career appointment
  - Must have been appointed under this PL to be eligible for conversion

# CyberCorps® Scholarship For Service (SFS)



Stephanie Travis, OPM SFS Program Office Rep (202) 579-4951 Kathy Roberson, OPM SFS Program Manager

**Email:** sfs@opm.gov **Phone:** (816) 541-8103

Website: sfs.opm.gov

Sandra Cyphers, OPM SFS Program Office Rep (202) 706-8367







# FEDERAL CYBERSECURITY WORKFORCE SUMMIT

# Closing Remarks

Jason Barke

Deputy Associate Director Strategic Workforce Planning, U.S. Office of Personnel Management

# 2022 Federal Cybersecurity Workforce Webinar Series

Tuesday, July 26, 2022, 1:30-3:00 p.m. ET

"Employee Development Through Rotational and Exchange Programs"

Register here: <a href="https://go.usa.gov/xuNpY">https://go.usa.gov/xuNpY</a>

Tuesday, October 25, 2022, 1:30-3:00 p.m. ET

Topic to be determined

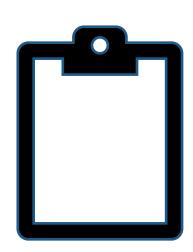


# 2023 Federal Cybersecurity Workforce Summit

SAVE THE DATE Tuesday, April 25, 2023



# Federal Cybersecurity Workforce Summit Survey



Don't forget to submit an evaluation form!

https://www.surveymonkey.com/r/CQRMKFR



