Cybersecurity is a Shared Responsibility:

Using Your Strengths & Connections to Build Awareness across Communities

Princess Young
National Awareness Program Lead
Cybersecurity Education & Awareness Branch (CE&A)
Department of Homeland Security (DHS)

March 2018
About Me

• Raised in Idaho by teachers/innovators/entrepreneurs

• Personality: “Jack of all trades seeking adventure and lifelong learner”

• High achiever that likes a challenge & fixing things

• Business major turned cyber professional through SFS program

• Helping others and entertaining is a passion

• DHS is a great place to work and merges my interests!
What are YOUR strengths?

For example, mine are...

• Belief
• Empathy
• Maximizer
• Positivity
• WOO (???)

Now...go build a team!

https://www.gallupstrengthscenter.com/
https://www.enkimd.com/big-five-personality-traits.html
Issues in STEM & Cyber

• 1.8 million cybersecurity jobs will need to be filled by year 2022
• Lack of career awareness is #1 reason why students don’t pursue STEM
• Why don’t more females study STEM (and cyber)?
Vision for the Nation’s Cybersecurity Workforce

Employers

Employees

Policy Makers

Students

Educators and Trainers

Robust, Well-Trained, Ready Cybersecurity Workforce
The Campaign provides FREE resources available to the public with a toolkit full of material designed for a wide variety of audiences

- **Download materials** covering topics including:
  - Online safety for kids
  - Mobile security
  - Social Media and Online Privacy
  - Phishing and Identify Theft
  - Malware

- **Share resources** with your colleagues, family, and community

- **Join the campaign**

Visit [www.dhs.gov/stopthinkconnect](http://www.dhs.gov/stopthinkconnect)
Integrating Cybersecurity in the Classroom

Encourage early knowledge and interest

Cybersecurity Curriculum funded by DHS
- The Cybersecurity Education and Training Assistance Program (CETAP) grant equips teachers with learning tools

Download curricula: nicerc.org
National Centers of Academic Excellence (CAE) are designated by DHS and NSA as institutions with top cybersecurity programs. 200+ CAEs in 46 states, D.C., and Puerto Rico. The CyberCorps® Scholarship for Service (SFS) program can help build the cybersecurity workforce with highly qualified candidates.
NICCS™ Website

The Nation’s One Stop Shop for Cybersecurity Careers and Studies!

- 28,000+ visitors per month
- 2,000+ courses in the NICCS Training Catalog mapped to the National Cybersecurity Workforce Framework
- 100+ links to cybersecurity resources
- 15+ tools for managers, including a Cybersecurity Workforce Development Toolkit
- 10+ monthly events
- 10+ links to customized job searches

niccs.us-cert.gov
FedVTE

DHS offers cybersecurity training for federal, state, local, tribal and territorial government employees, and military veterans!

- Courses range from beginner to advanced levels
- 55,000+ active users
- 29,000+ veteran users (through non-profit partner Hire Our Heroes™)
- Over 60 courses and growing

niccs.us-cert.gov
Foundation for the Cybersecurity Workforce

NICE National Cybersecurity Workforce Framework

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

What’s next?

and

What can YOU do?
Questions to ask yourself…

1. What are MY strengths?
2. What is my “community”?
   • Is it bigger/smaller than you think?
3. What is my message?
4. Who is currently in my network?
   • And who NEEDS to be?
5. How do I measure success?
THANK YOU & GO TEAM!

Cybersecurity is a Shared Responsibility:
Using Your Strengths & Connections to Build Awareness across Communities

Princess Young
Cybersecurity Awareness Program Lead

- princess.young@hq.dhs.gov
- stopthinkconnect@hq.dhs.gov
- niccs@hq.dhs.gov