Cybersecurity is a Shared Responsibility:

Using Your Strengths & Connections to Build Awareness across Communities

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Department of Homeland Security (DHS)
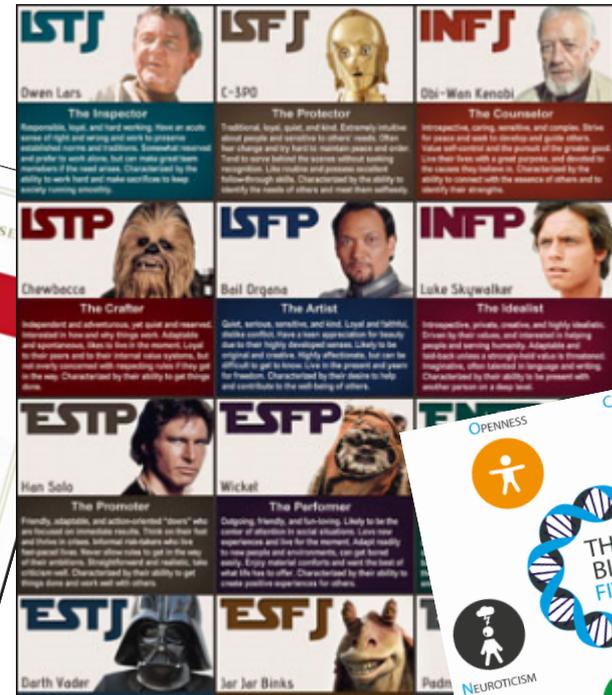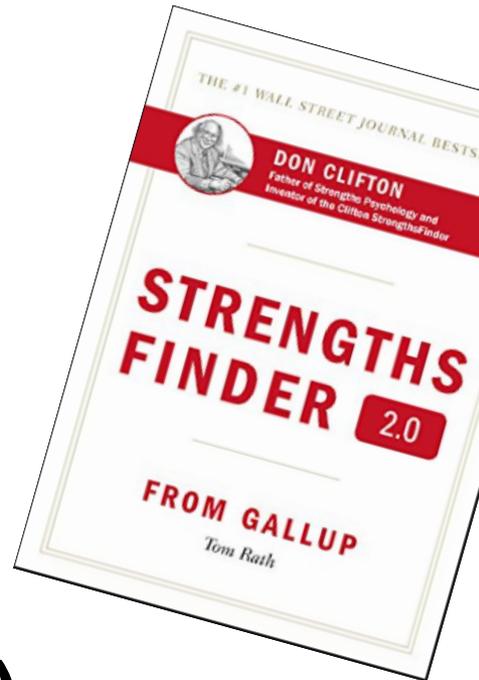
March 2018

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!

- http://geekologie.com/image.php?path=/2013/12/09/star-wars-myers-briggs-readable.jpg
- https://www.gallupstrengthscenter.com/
- https://www.enkimd.com/big-five-personality-traits.html
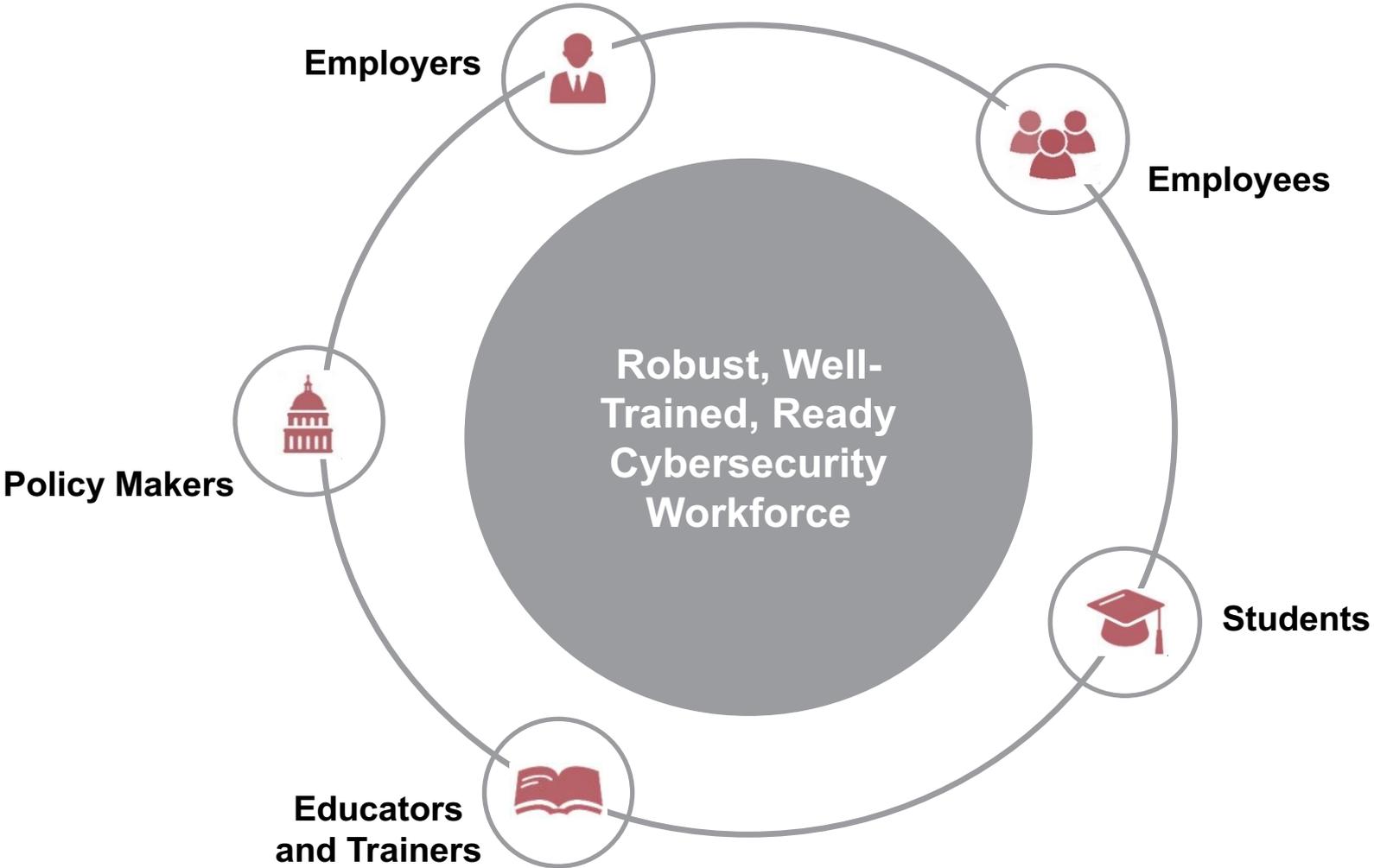
Issues in STEM & Cyber

- **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**

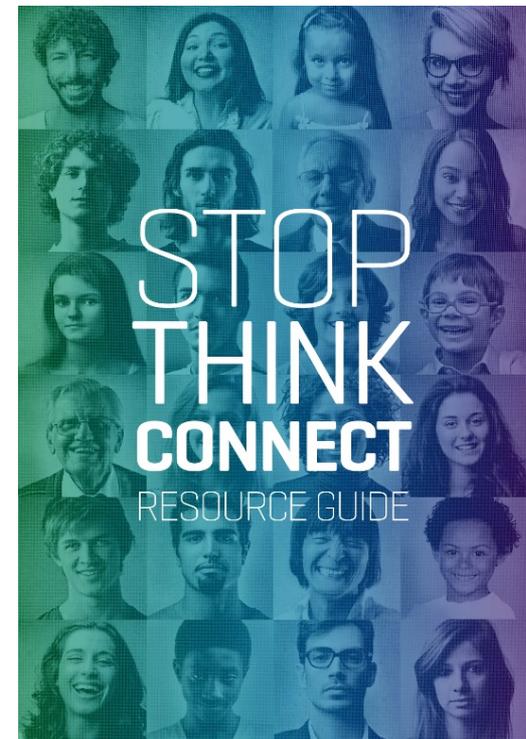- **Why don't more females study STEM (and cyber)?**

Homeland
Security

Vision for the Nation's Cybersecurity Workforce

Employers

Employees

Policy Makers

Robust, Well-Trained, Ready Cybersecurity Workforce

Students

Educators and Trainers

Homeland Security

STOP. THINK. CONNECT.™ Campaign

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

Integrating Cybersecurity in the Classroom

Encourage early knowledge and interest

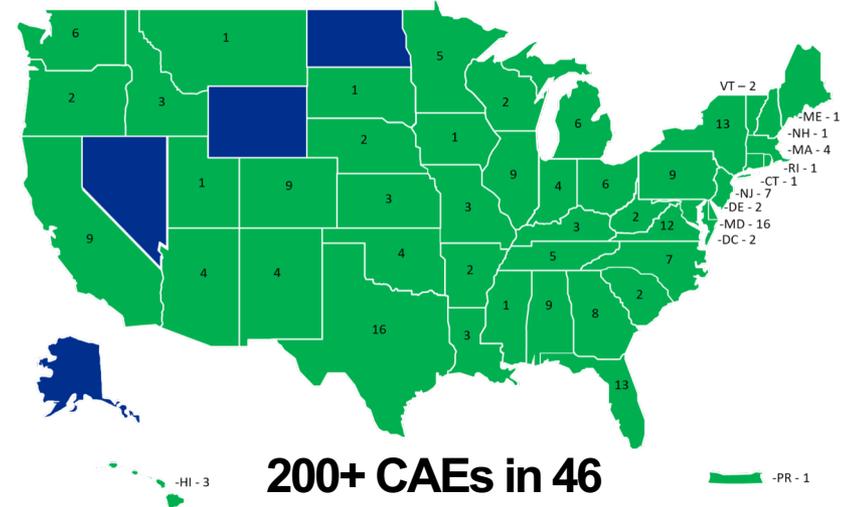### Cybersecurity Curriculum funded by DHS

▸ The **Cybersecurity Education and Training Assistance Program (CETAP) grant** equips teachers with learning tools

Download curricula: nicerc.org

Colleges and Scholarships Resources

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

Homeland Security

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

Homeland Security

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™)
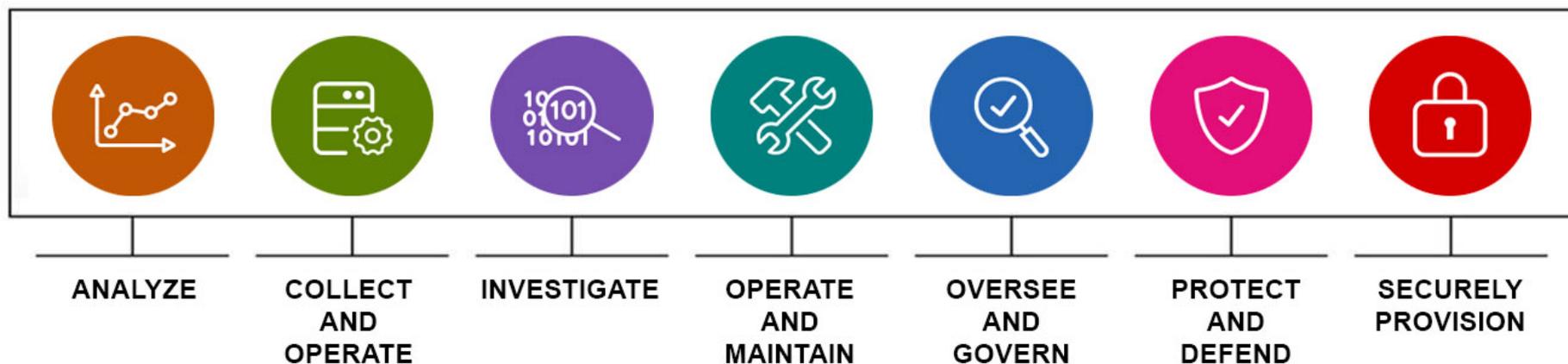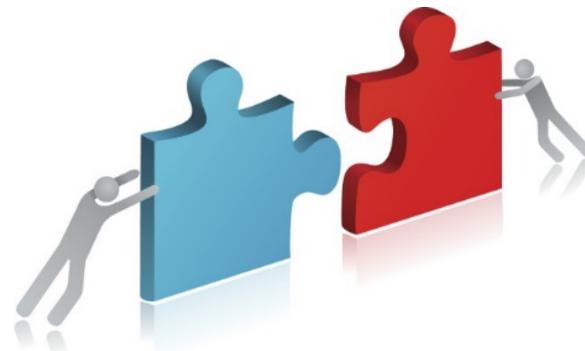
- ✓ Over 60 courses and growing

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

| ANALYZE | COLLECT AND OPERATE | INVESTIGATE | OPERATE AND MAINTAIN | OVERSEE AND GOVERN | PROTECT AND DEFEND | SECURELY PROVISION |

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!

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