

A blue-tinted photograph of the New York State Capitol building in Albany, New York. The building is a grand, multi-story structure with many windows and a central dome. In the foreground, there is a large, paved plaza with a geometric pattern. The letters 'SWIB' are overlaid on the image in a large, bold, yellow font with a blue fill and a yellow outline.

SWIB

**State Workforce Investment Board
Quarterly Meeting**

Regional Economic Development Council (REDC) Initiative

Presented by: Deputy Secretary Alphonso David

- Under Governor Cuomo's 2011 REDC Initiative, the Consolidated Funding Application (CFA) process was created.
- CFA is modern and easy to use online tool for accessing available State resources from multiple NYS agencies through one application.
- Grant funds for job-creation and community development projects.
- To date, over \$2 billion in investments, over 2,200 projects, over 100,000 jobs.

Round IV of the REDC Initiative

- **Opened May 1, 2014 and closed June 16, 2014.**
- **Up to \$750 million made available.**
- **This year's focus:**
 - **Implementation of regional strategic economic development plans.**
 - **Performance encouraging economic growth through job creation & investment.**
 - **Identification of global marketing & export strategies.**
 - **Collaborate with local governments to transform the regional business climate.**
 - **Support NY Rising Community Reconstruction Plan projects.**
 - **Keep the project pipeline flowing.**
 - **Address regional workforce development needs for key sectors.**
 - **Refine the regional Opportunity Agenda.**
 - **Promote veterans' participation in the workforce.**

Education/Workforce Development

Department of State

- Up to \$1 million for Workforce Development Grants.
- Priority areas:
 - Job Creation & Placement
 - Workforce Education and Development
 - Soft Skill Development
 - Entrepreneurial Development

Department of Labor

- Up to \$5 million for Workforce Development.
- 161 proposals submitted, requesting \$11,191,365 to train 9,011 workers.
- Types of workforce grants:
 - Existing Employee Training
 - New Hire Training
 - Unemployed Worker Training

Unemployment Strikeforce Bronx to Work Initiative Update

Presented by:

**Rachel Gold
Special Counsel
NYSDOL**

Workforce Development Training Initiatives

**Presented by:
Karen Coleman
Deputy Commissioner
Division of Employment & Workforce Solutions
NYSDOL**

Pending Grant Applications for Funding

- **WORKFORCE INNOVATION FUND GRANT**

- Released May 14, 2014 and applied June 18, 2014
- \$12 million through USDOL Workforce Innovation Grant Fund
- Incorporates sector-based workforce planning & work-based learning
- Sector Strategy Initiative leverages REDC CFAs, supports priority workforce projects

- **DISABILITY EMPLOYMENT INITIATIVE (DEI)**

- Released May 27, 2014 and submitted proposal on July 8, 2014 seeking \$2.5 million
- Support training of 295 individuals with disabilities
- All training costs & related expenses, including college tuition paid by grant

- **HIB READY TO WORK**

- Released February 19, 2014 and applications due June 19, 2014
- NYSDOL partnered with College of Nanoscale Science & Engineering (CSNE) on a multi-region \$10M application
 - Regions: Western, Finger Lakes, Mohawk Valley, Capital District.
 - Target Occupation: Information Technology

Grant Awards

- **JOB DRIVEN NEG**

- Released April 28, 2014 and awarded \$6.1 million
- Dislocated workers (i.e. unemployment beneficiaries likely to exhaust benefits, veterans, & foreign-trained immigrant worker populations)
- Work-based training (i.e. OJT, apprenticeships & trainings) customized to businesses in high-demand sectors

Workforce Innovation and Opportunity Act

Investing in America's Competitiveness

Presented to
New York State Workforce Investment Board

July 15, 2014

By

Anthony Joseph

Division of Employment and Workforce Solutions

Anthony.Joseph@labor.ny.gov

Topics

- **Background**
- **Workforce Investment Boards**
- **Funding**
- **Services**
- **Accountability**
- **Conclusion**

Background

- **Workforce Innovation and Opportunity Act (WIOA)** authorizes federal workforce legislation for 6 years: 2015 – 2020.
- **“Core Programs”**– Amends/reauthorizes 4 programs.
 1. **Workforce Investment Act of 1998** – The nations primary programs and investments in employment services, workforce development, adult education, and vocational rehabilitation activities. Has been due for reauthorization since 2003.
 2. **Adult Education and Family Literacy Act.**
 3. **Wagner-Peyser Act of 1933.**
 4. **Rehabilitation Act of 1973.**

Background

- **Eliminates 15 programs** (Only 3 were currently funded, indicated by *)

1. WIA Workforce Innovation Fund.*
2. WIA Incentive Grants.*
3. Health Care Gap Coverage for Trade Adjustment Assistance Participants.*
4. WIA Pilots and Demonstration Projects.
5. WIA Veterans Workforce Investment Program.
6. Youth Opportunity Grants.
7. 21st Century Workforce Commission.
8. National Institute for Literacy under Adult Education.

9. Community-based Job Training Grants.

10. Green Jobs Act.

Four programs under the Rehabilitation Act:

11. Projects with Industry;

12. Recreation Programs;

13. In-service Training; and

14. Migrant and Seasonal Farm-worker Program.

15. Workplace and Community Transition Training for Incarcerated Individuals (under the Higher Education Act).

Background

- **Effective July 1, 2015.**
- **Passed by the Senate, and by the House of Representatives.**
 - Senate vote passed 93 to 5 on June 25, 2014.
 - House of Representatives vote passed 415 to 6 on July 9, 2014.
- **Currently awaiting the President's signature.**
- **Promulgation of regulations is required for implementation.**

Background

- **NASWA Summary:** <http://naswa.org/assets/utilities/serve.cfm?gid=9C7EDF88-6E7E-45EB-BF06-00D7E3AE637E>
- **Congressional One-Pager:**
http://edworkforce.house.gov/uploadedfiles/workforce_innovation_and_opportunity_act_-_key_improvements.pdf
- **Congressional Managers' Summary of WIOA:**
http://www.murray.senate.gov/public/_cache/files/ee9c8cfd-cb3f-4dd5-8574-92d9337f02c9/signed-wioa-managers-statement.pdf
- **National Skills Coalition Side-by-Side:**
http://www.nationalskillscoalition.org/resources/publications/file/2013-09-16_WIA-House-and-Senate-side-by-side_FINAL_website.pdf
- **WIOA Bill:** <https://beta.congress.gov/113/bills/hr803/BILLS-113hr803eas.pdf>

Workforce Investment Boards (WIBs)

- **Number of required members is reduced – State and Local WIBs.**
- **Business majority and business chair, as under current structure.**
- **Proportion of workforce representatives is increased to 20%.**
- **Changing NYSWIB's composition will require changing NYS Law.**

Workforce Planning

1. Core Program Strategic Planning.

A single, unified State Workforce Plan for the core programs, describing the State's strategy to achieve the intentions of WIOA.

- Initial 4-year Strategic Plan with review/modification after 2nd year.
- Local plans must be aligned with the State Plan.

2. Regional Workforce Planning.

Align workforce development programs, education initiatives, and Local Plans with regional economic development.

- Regional workforce planning by end of year 2.

Funding

- **Restores Governor's 10% discretionary set-aside for statewide activities.**

The Governor's discretionary set-aside was eliminated in program year 2011, and restored in program year 2014 at 3.75%.

- **Specifies authorized appropriation levels for 2015 to 2020.**

Congress will need to undo budget caps and sequestration to achieve the authorized appropriation funding levels.

Adult Services

- **Adopts existing best practices** such as: Career pathways (including ABE, ESL, and occupational training); Sector-based partnerships; and Certificates and credentials linked to business demand.
- **On-the-Job training** – Up to 75% reimbursement of an employee's wages.
- **Incumbent worker training** – Up to 20% of Local adult and DW funds.
- **Transitional jobs** – Up to 10% of Local adult and DW funds.
- **Pay for performance contracts.**

Youth Services

- **Focuses on Out-of-school youth; High school dropout recovery efforts, Youth with disabilities, and Recognized postsecondary credentials.**
- 75% of funding to support out-of-school youth (State and Local).
20% of this is for work-based activities.
- Age eligibility – Out-of-school is ages 16 to 24; and In-school is ages 14 to 21.
- Expands “low income” eligibility definition to include free or reduced lunch.

Performance Accountability

- **Common set of primary indicators of performance for Adults and Youth for the Core programs.**
 - Adult – Unsubsidized employment; Earnings; Secondary diploma or recognized postsecondary credential; Measurable skills gains toward a credential or employment; and business engagement.
 - Youth – Education or training activities or unsubsidized employment; Earnings; Secondary diploma or recognized postsecondary credential; Measurable skills gains toward a credential or employment; and Business engagement.
- **Performance goals for each indicator, for each Core Program.**

Conclusion

- **WIOA provides opportunity to coordinate across the Core Programs and transform New York State's workforce system to meet the needs of business and job seekers.**
- **New York State is prepared.**
- **This is exciting and meaningful for the NYSWIB.**

Thank You!

Contact:

Anthony Joseph

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(518) 457-0385



**CENTER *for* GLOBAL
ADVANCED MANUFACTURING**

CGAM

...Leading NY's Manufacturing Resurgence

What is CGAM?

- 501(c)(3) not for profit
- Founded in 2012 by executive volunteers
- Industry/academic collaboration
 - SUNY IT is a key partner
- Multi-regional: Mid-Hudson and Mohawk Valleys
- Serving small/medium-sized manufacturers
 - 2,400 within two regions
 - “Potato chips to silicon chips”

CGAM's Primary Purpose

Retain and grow manufacturing jobs by...

- Assisting manufacturers to:
 - Improve global competitiveness
 - Develop new products
 - Access academic research facilities
 - Attract and retain skilled workers
 - Develop commerce/supply chain network.
- Attracting new advanced manufacturers to the two regions.

Key CGAM Initiatives

- SMARTT Labs (10 plus)
 - Community college host locations
 - Funded through SUNY 2020 grant/CFA's/Federal Grants/ County IDA
 - Access to all SME manufacturers

CGAM SMARTT Labs

SMARTT Lab and Location	Purpose/Equipment	Access
SMARTT Lab Ulster: Modeling Center and Characterization Testing	Advanced design and prototype creation through 3-D modeling utilizing SolidWorks. Industrial Metrology Lab with machine vision systems. Various test equipment for use/loan such as thermal chamber, SEM, goniophotometer, meters, measurement tools for electronics, etc.	Equipment use free to regional manufacturers; training through SUNY Ulster.
SMARTT Lab SUNYIT: Characterization Testing	Various test equipment for use/loan by local manufacturers	At SUNYIT
SMARTT Lab Dutchess: Metallurgical and Materials Characterization Laboratory	Materials specimen preparation and examination. Physical and mechanical materials characterization and quality testing.	Equipment use free of charge to regional manufacturers; training through SUNY Dutchess
SMARTT Lab Orange: Machining	Training in machining and math with access to Machining Lab and classroom.	Through SUNY Orange at the Armory in Newburgh
SMARTT Classroom SUNY IT	Classroom equipped with latest distance learning technology.	Operated at the Armory, Newburgh through SUNYIT

CGAM SMARTT Labs

SMARTT Lab and Location	Purpose/Equipment	Access
SMARTT Lab Morrisville: Brewery Institute and Industry Resource Center	Use of equipment for malting and hops processing. Including drying, processing, packaging and testing equipment.	Through Morrisville State College
SMARTT Lab Westchester: Advanced CNC Machining	Instruction in advanced manufacturing and CNC machining. Certified Production Technician Program (CPT).	Through Westchester Community College
SMARTT Lab Herkimer: Manufacturing Quality Assurance Center	Training in Quality Assurance to service the needs of manufacturing, food and drug processing and production of medical devices or products.	Through Herkimer County Community College
SMARTT Lab Mohawk Valley: CNC Manufacturing	Access to and training for new and flexible manufacturing equipment with focus on CNC technology.	Through Mohawk Valley Community College
SMARTT Lab Rockland: 3-D Printing and Design Center	Services for advanced manufacturing business and workforce development. 3-D prototyping and design and all-purpose wet lab.	Thru SUNY Rockland
SMARTT Lab Sullivan: Process Control Systems	Access to and training for PLC programming stations, integrated data collection and business intelligence systems	Thru SUNY Sullivan

SMARTT Lab: SUNY Rockland

3-D Printing and Design Center



RCC Rockland
Community
College
STATE UNIVERSITY OF NEW YORK

FOR IMMEDIATE RELEASE
DATE: October 1, 2013
CONTACT: Maralin Roffino
845-574-6244
mroffino@sunyrockland.edu

MEDIA ADVISORY

WHAT: Manufacturing Day Event: Ribbon Cutting of 3D Printing/Expanded Business Services at RCC Haverstraw Center
WHEN: Friday, October 4, 2-4 pm
WHERE: 37 W. Broad St., Haverstraw, NY
WHO: Business and community leaders, selected officials, RCC officials
Rockland Community College Haverstraw Center Expanding to Offer 3D Printing, Business Services

Haverstraw, NY -- The economy of the Lower Hudson Valley will get a major boost with a \$1.5 million expansion of Rockland Community College's Haverstraw Center to include services to promote advanced manufacturing, business and employment. It will feature 3D printing in a "proof-of-concept" sandbox environment and an array of support services for businesses and job seekers.

Numerous organizations will offer business creation and development services, including finance, marketing, IT, sales, human resources, volunteers and more. They include: ICAN, SBDC, SCORE, RCC and RSVP. Employment support will be offered through RCC Career Services and Academic Advisement and the WIB.

The renovated, 9,000+ square foot area will include six new classroom/training rooms; 4 CAD workstations with Solid Works software; three 3D printers and a 3D laser scanner; and a science/wet lab.

The project has been funded and supported by: Ginsburg Development Corp.; IDA; CGAM – Center for Global Advanced Manufacturing; SUNY 20.20; SUNY Works; TAACCTT II and Rockland Community College.

####

Campus Communications
145 College Road Suffern, NY 10981
845-574-6032 www.sunyrockland.edu
Campus map: <http://www.sunyrockland.edu/about/campus-guide/map>

SMARTT Lab – SUNY Ulster

Modeling Center & Product Characterization Lab



Opened in October 2013

Connecting Job Seekers to

Jobs in Demand

Job Seeker Supply

- **Creating new, or identifying existing, training options.**
- **Locating sources of skilled job seekers**

Job Placement

- **Improve connections and relationships between businesses and job seekers.**
- **Develop incentives to businesses to promote job placement.**

Job Demand

- **Identifying in-demand jobs through various data sources.**
 - **Identifying the skills needed for workers to succeed in these jobs.**
-



Building New York's Capacity in Cyber Security

Peter Bloniarz

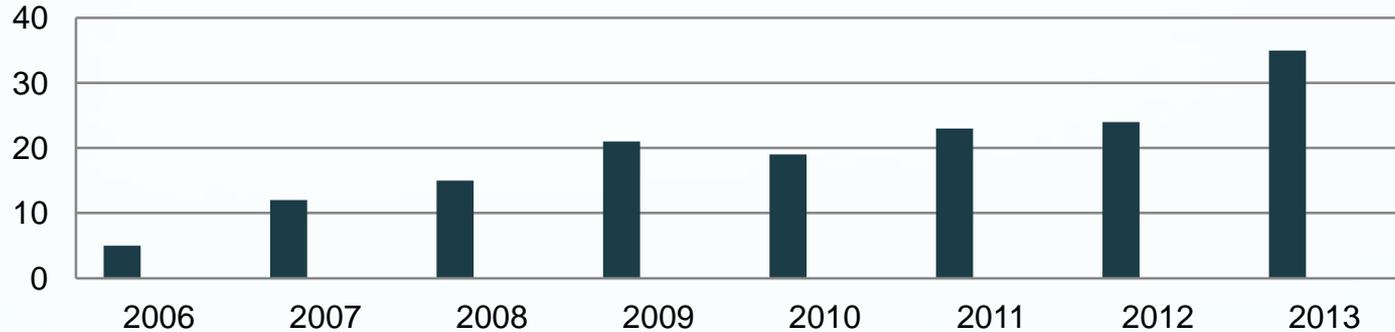
Executive Director, Senior Policy Advisor

NYS Cyber Security Advisory Board

Today's Presentation

- 1. Cyber attacks are having an impact on New York's economy.**
- 2. Workforce shortages, especially technical, are impeding effective cyber defenses.**
- 3. Two national efforts that New York participates in.**
- 4. Discussion: Connecting industry with workforce and academic programs.**

Cyber Incidents in 2013



Significant Cyber Events (Major government or >\$1M damage)

- 43% growth in significant cyber events
- 91% growth in targeted attack campaigns
- 62% increase in number of breaches
- 500% increase in ransomware attacks

Sources: Center for Strategic and International Studies, Verizon, Symantec

Advisory Board Areas of Focus

- **Protect New York's Cyber Infrastructure**
 - **NYS Government**
 - **New York's Critical Infrastructures**
Energy, Finance, Transportation, etc.
- **Build New York's Capacity**
 - **Workforce Development**
 - **Economic Development**
- **Raise Awareness in Public & Private Inst.**

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 - Economic Development
- **Raise Awareness among Public & Private Inst.**

Cyber Security Job Postings

State	Total Postings	Postings/10,000 Residents	% Growth (2007-2013)
California	27,084	7.1	64%
Virginia	20,507	25.1	53%
Texas	16,376	6.3	97%
New York	12,405	6.3	59%
Illinois	11,136	8.6	116%
Maryland	10,627	18.1	94%

City	Total Postings	% Growth (2007-2013)
Washington, DC	23,457	35%
New York City	15,632	38%
Bay Area, CA	12,697	67%
Chicago	9,723	115%
Dallas	7,669	110%

Source: Burning Glass Technologies

Industry Hiring in Cyber Security

Industry Sector	Total Postings	% Growth (2010-2013)
Professional Services	80,446	29%
Manufacturing & Defense	28,331	16%
Finance and Insurance	24,145	89%
Information	15,820	36%
Health Care	12,257	73%
Public Administration	11,204	N/A
Retail Trade	10,203	94%
Other	27,384	N/A

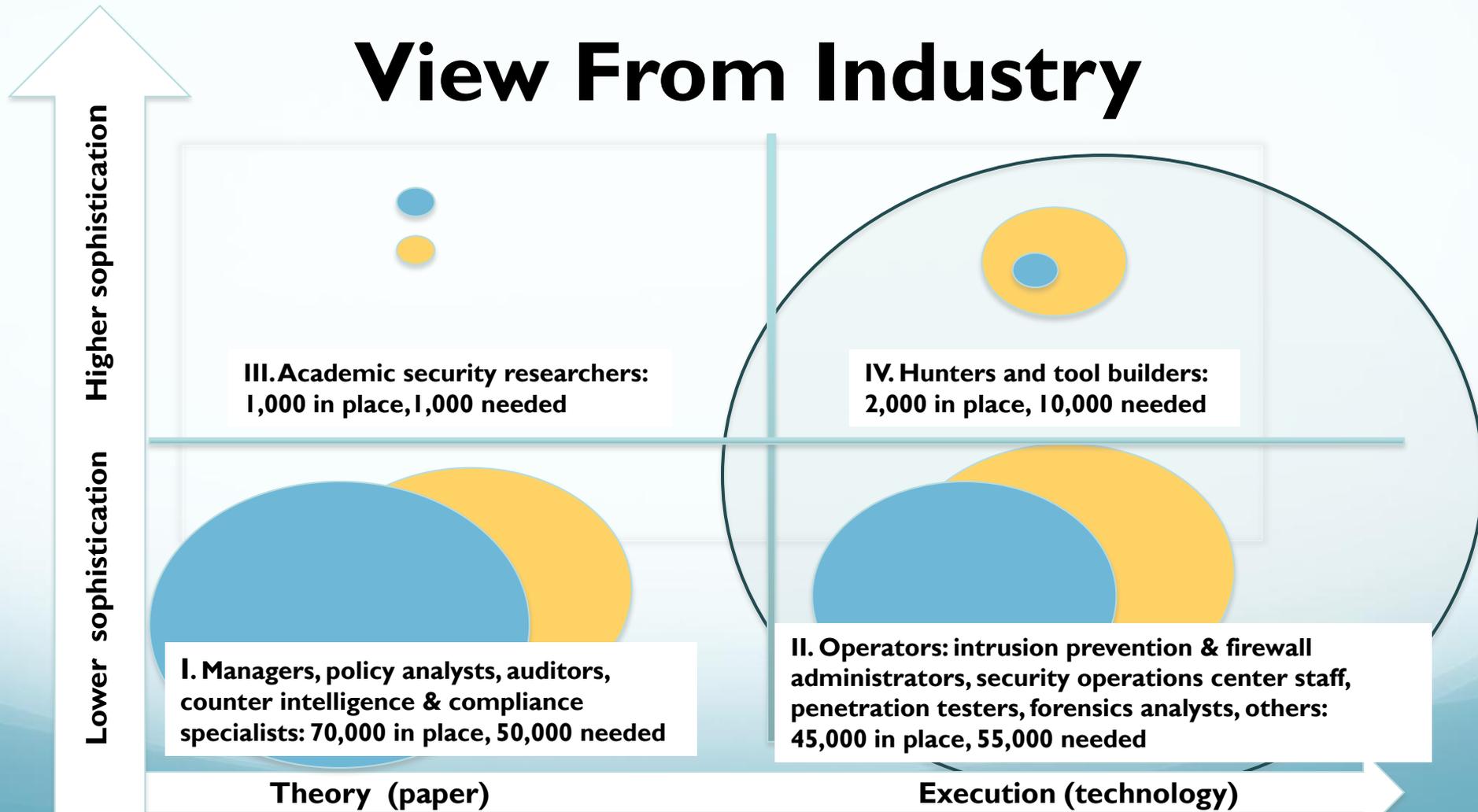
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Source: Burning Glass Technologies

View From Industry



Program Components & Progression



On-line Learning

Foundation Knowledge

- Free to participants
- Networking Fundamentals
- Operating Systems
- Secure System Administration
- Compete for invitation to State Championship



State Championship

Governor's Cyber Challenge

- Compete with other top performers
- Earn opportunity to progress to next phase



Intensive Hands-on Learning

- 2 Core Courses
- 5 Specialty Tracks
- Forensics, Network Defense, Penetration Testing, Hardware, ICS
- Real World Labs



Residency

- Top Students Matched to Residency
- Paid Positions
- Real-World Projects

Federal Education Initiatives

NATIONAL INITIATIVE FOR CYBERSECURITY EDUCATION (NICE)



THE NATIONAL CYBERSECURITY WORKFORCE FRAMEWORK

INTRODUCTION

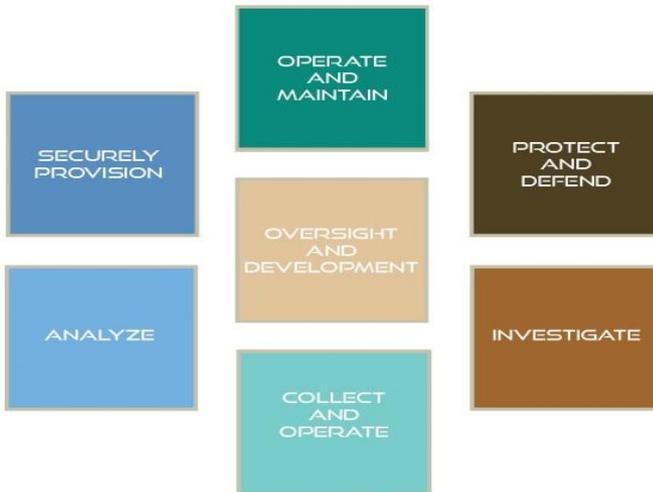
The ability of academia and public and private employers to prepare, educate, recruit, train, develop, and retain a diverse, **qualified cybersecurity workforce is vital** to our nation's security and prosperity. [\[full text version\]](#)

DEFINING CYBERSECURITY

Defining the cybersecurity population using common, standardized labels and definitions is an essential step in ensuring that our country is able to educate, recruit, train, develop, and retain a highly-qualified workforce. The National Initiative for Cybersecurity Education (NICE), in collaboration with federal government agencies, public and private experts and organizations, and industry partners, has published version 1.0 of the *National Cybersecurity Workforce Framework* ("the Framework") to provide a common understanding of and lexicon for cybersecurity work. [\[full text version\]](#)

THE CALL TO ACTION

Only in the universal adoption of the *National Cybersecurity Workforce Framework* can we ensure our nation's enduring capability to prevent and defend against an ever-increasing threat. Therefore, it is imperative that organizations in the public, private, and academic sectors begin using the Framework's lexicon (labels and definitions) as soon as possible. [\[full text version\]](#)



Home

Using This Document

Sample Job Titles

Security Provision

Operate and Maintain

Protect and Defend

Investigate

Collect and Operate

Analyze

Oversight and Development

DHS/NSA National Centers of Academic Excellence

State	Total	2-Year	Education	Research
Texas	16	3	11	5
Maryland	16	8	7	3
New York	9	1	8	3
California	8	-	6	4
Illinois	8	1	7	1

- **Erie Community College**
- **Mercy College**
- **New York University – Polytechnic U.**
- **Pace University**
- **Rochester Institute of Technology**
- **SUNY Buffalo**
- **Syracuse University**
- **U.S. Military Academy, West Point**
- **Utica College**

Today's Presentation

1. **Cyber attacks are having an impact on New York's economy.**
2. **Workforce shortages, especially technical, are impeding effective cyber defenses.**
3. **Two national efforts that New York participates in.**
4. **Discussion: Connecting industry with workforce and academic programs.**

Discussion



Peter Bloniarz

Peter.Bloniarz@exec.ny.gov

Connecting Job Seekers to Jobs in Demand

Beginning Steps

- Identify in-demand jobs through use of various data sources (e.g. Job posting data)
 - Determine essential skills for those jobs
 - Create or expand training opportunities to increase essential skills (e.g. Work based learning)
 - Identify sources of skilled job seekers (e.g. Apprenticeship programs)
-

Ongoing Steps

- Develop a system to improve connections between businesses and job seekers (e.g. Business Advisory Committees)
- Create incentives to businesses to promote job placement (e.g. tax credits)

Thank you

For questions or concerns

SWIB@labor.ny.gov
