

# The Hampton Roads Cybersecurity Education, Workforce, and Economic Development Alliance

HRCyber Steering Committee Meeting  
June 15, 2017, 11:00-1:00

Teleconference

[Join WebEx meeting](#) (Click this link to join via computer)

Meeting number (access code): 920 265 592

Join by phone

**1-855-244-8681** Call-in toll-free number (US/Canada)

**1-650-479-3207** Call-in toll number (US/Canada)





# Meeting Agenda






ITEM	PRESENTER
WELCOME AND PROJECT STATUS UPDATES	Brian Payne
VB STEM Trifecta Challenge	Theresa Dougherty
Highlights from National Cyber Summit	Brian Payne
VSGC Activities	Mary Sandy/Chris Carter
Cybersecurity Workforce Survey	Tancy Vandecar-Burdin
Virtual Lab	Chunsheng Xin
GO Virginia	Eric Weisel
HRCyber Cybersecurity Workforce Summit	John Costanzo
Open discussion	Brian Payne

# HRCyber Project Status Update

**Goal 1: Coordinate educational pathways between public high schools, community colleges, and four year institutions**

Associated Activities with Goal 1	Status
Conduct monthly Steering Committee meetings	
Develop at least two articulation agreements <small>(TCC-ODU agreement completed Dec 2016) (TNCC-ODU agreement completed April 2017)</small>	
Identify curricula revisions <small>(1<sup>st</sup> meeting held April 7, 2017)</small>	
Create virtual lab	
Review and/or revise articulation agreements	

**Goal 2: Gather information from the regional workforce about the knowledge units taught in cybersecurity programs and revise those curricula where needed.**

Associated Activities with Goal 2	Status
Conduct two focus groups with employers to determine their views on cybersecurity <small>(Completed October 2016)</small>	
Complete Cybersecurity Workforce Survey	
Conduct DACUM workshop and chart <small>(Completed February 2017)</small>	
Assess Curricula Revisions	
Complete Cybersecurity Educational Survey	



Not started



25% complete



50% complete







75% complete









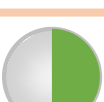

Complete

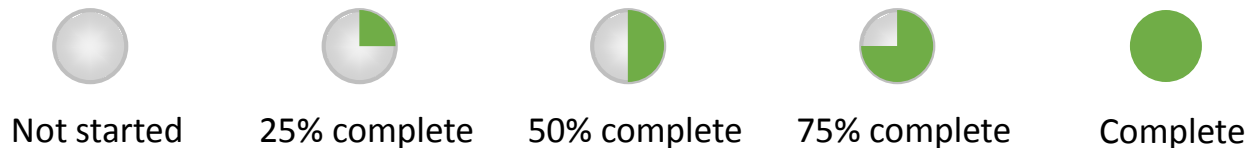
# HRCyber Project Status Update

## Goal 3: Coordinate academic programming between educational institutions and workforce.

Associated Activities with Goal 3	Status
Conduct Cybersecurity Counselor Workshop (completed Feb 23, 2017)	
Create HRCyber homepage (Completed October 2016)	
Train faculty on Virtual Lab (ODU trains TNCC faculty on virtual lab)	
Train college counselors/academic on cybersecurity programs	

## Goal 4: Strengthen the cybersecurity capabilities of the regional workforce.

Associated Activities with Goal 4	Status
Develop and produce at least four cybersecurity career awareness videos	
Conduct Cybersecurity Saturday Series for high school students and parents (March 2017)	
Host a cybersecurity workforce development summit in fall 2017	
Develop marketing material (HRCyber Brochure completed April 2017)	
Participate in regional cybersecurity summits and conferences	
Attend NICE Conferences (2016/2017) (Attended 2016 NICE Conference)	
Provide Virginia Beach High School Interns to regional cybersecurity employers	
Provide Internships and apprenticeships to regional cybersecurity employers	



# Project Status Report

## Other Completed Activities/Event by HRCyber Partners

### Activity/Event

1. Cyber Protection Resources (CPR) a HRCyber partner completes the Virginia Cyber Convention & Expo (October 5-6, 2016, Virginia Beach Convention Center, Virginia Beach, VA)
2. Thomas Nelson Community College a HRCyber partner completes the 2016 Cyber Security Conference (October 7, 2016, Peninsula Workforce Development Center, Hampton, VA)
3. [TCC announces CyberCorps Scholarship for Service program with NSU \(November 15, 2016\)](#)
4. NICE Webinar – *“Building your cybersecurity team with apprenticeships.”* HRCyber partners Leigh Armistead (Peregrine Technical Solutions) and William Clement (Tidewater Community College) discuss apprenticeship opportunities. (November 16, 2016)
5. TCC-ODU Cybersecurity Articulation Agreement Signing Ceremony, February 8, 2017, 10:30 am, Richmond, VA
6. Peregrine Technical Solutions has hired two cybersecurity apprentices (Jan/Feb 2017) – one is working in Juneau, AK and the other is in Alexandria, VA. They are completing their course work through TCC via distance learning.
7. Dan Bowden, VP & CISA Sentara Healthcare, “Cyber Student Staffing Program”, 7 interns have been identified to work in the ISO office in May 2017 – 5 from ODU, 1 from Regent, and 1 from TCC.

School	Major	Source	Year	Working Title
ODU	Cyber	CISO Contact	Fr	Jr Cyber Risk Analyst
ODU	Cyber	CISO Contact	Fr	Jr Cyber Risk Analyst
Regent	Cyber	CISO Contact	So	Jr Cyber Risk Analyst
ODU	Cyber	CSIIP	Jr	Jr Cyber Security Analyst
ODU	IST	CSIIP	Jr	Jr Cyber Security Analyst
ODU	CS	CSIIP	So	Jr Cyber Security Analyst
TNCC	CS	CSIIP	So	Jr SecDevOps Analyst

# Project Status Report

## Other Completed Activities/Event by HRCyber Partners

### Activity/Event

8. TNCC-ODU cybersecurity articulation agreement signing ceremony – April 21, 2017, 9:00am, TNCC Moore Hall
9. Cyber Business Roundtable III meeting – March 28, 2017 – meeting with regional business leaders on cyber issues. For additional information visit this webpage. <https://www.yesvirginiabeach.com/Key-Industries/information-services/Pages/cyber.aspx>
10. ODU trains TNCC faculty on virtual lab – May 9, 2017
11. Cybersecurity course curricula review meeting – April 7, 2017
12. ODU receives 3-year NSF REU cybersecurity grant – Link to article [NSF REU Cybersecurity Grant](#)
13. ODU Cybersecurity Student Association named Student Organization of the Year for 2017.
14. Participated in VB Economic Development Cybersecurity panel discussion – June 1, 2017
15. VBCPS hosts STEM Trifecta <http://www.vbstemtrifecta.com/about.html> - June 8, 2017





# VBCPS STEM Trifecta

## VBCPS STEM Trifecta

2017 STEM Robotics, Maker, & Cyber Security Challenge  
June 8, 2017, 10AM-4PM  
Virginia Beach Convention Center

HRCyber provided \$500 to the winning cybersecurity Challenge team. Two teams tied for first place – Ocean Lakes HS and the Advanced Technology Center

For details visit their website

<http://www.vbstemtrifecta.com/about.html>



# Updates from National Cyber Summit – Huntsville, AL

Brain Payne

- RAMPS Partner updates

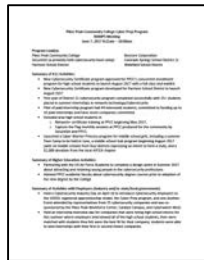
Arizona

Cin-Dayton

CyberPrep

HRCyber

Albany



*(Click to open the files)*

- Additional updates and highlights



# Virginia Space Grant Consortium Activities

Mary Sandy and Chris Carter



- Internships ([CSIIP](#)) (14 internships)
- DACUM Workshop – December 13-14, 2016 (Complete)
- DACUM Worksheet (Complete Feb 2017)
- Counselors Workshop – February 23, 2016, ODU Peninsula Center (Complete Feb 23, 2017)
- Cyber Saturdays – March 11 (Hampton) and March 25 (Va Beach ATC) (Completed March 25, 2017)
- Cybersecurity Workforce Videos (Completed April 2017)

[www.vsgc.odu.edu/cyber](http://www.vsgc.odu.edu/cyber)



Cybersecurity Counselors Workshop, Feb 23, 2017  
ODU Peninsula Center



Cyber Saturday, March 11, 2017, ODU Peninsula Center

# Cybersecurity Workforce Survey – Update

Tancy Vandecar-Burdin

- HRCyber Educational Partners discussion (Teleconference).

Wednesday, June 21, 2017, 10:00am

Teleconference

Phone number: (605) 475-4834

Conference Code: 510197

- Topics to be discussed will include:
  - What are graduates' experiences with finding jobs or moving from high school to community college to four-year/graduate programs?
  - More specifically, what is the placement rate for students in cyber jobs?
  - How quickly do students find jobs (time to place)?
  - What difficulties do graduating student have finding jobs in cybersecurity?
  - For the high schools, what proportion of students go on to college in a cyber-specific program versus entering directly into the workforce?

# Virtual Lab

Chunsheng Xin

- Purchase request for 3 Dell computers submitted
- Update on status of access
- Faculty training sessions
  - TNCC faculty training session – May 9, 2017
  - TCC faculty training session
  - High School cybersecurity, information technology and computer science teacher demonstration and training session
- Virtual Lab website – [www.move.odu.edu](http://www.move.odu.edu)

# Go Virginia Opportunities

Eric Weisel



- A Business-Led Statewide Initiative
  - Promote regional collaboration on economic development
  - **FY 2017 State budget includes \$27.5 million in funding**
- Next up: Completing the Go Virginia Cyber grant proposal

# HRCyber Cybersecurity Workforce Summit

Brian Payne

- Initial Planning for Cybersecurity Workforce Summit
  - Tentative date – October 27, 2017
  - Location – Virginia Beach Higher Education Center
- Purpose. To highlight the achievements of HRCyber, its partners and provide information to the public on cybersecurity education programs and employment.
- Speakers/Presentations to be determined
- Create a working group for planning and execution of summit

## **Other upcoming Cybersecurity conferences/events**

- ODU Cyber Student Association Research Symposium/Business Expo, September 22-23, 2017, Norfolk VA
- Thomas Nelson Community College, 2017 Regional Cybersecurity Conference: Cybersecurity and the Internet of Everything, October 13, 2017, Hampton, VA

# Steering Committee Meeting Schedule

(3<sup>rd</sup> Thursday of the month from 11:00-1:00)

Month	Date/Time	Who	Comments
<del>January 2017</del>	<del>19<sup>th</sup>/11:00-1:00</del>	<del>All HRCyber members</del>	<del>In-person meeting – ODU Peninsula Center</del>
<del>February 2017</del>	<del>23<sup>rd</sup>/11:00-1:00</del>	<del>Steering Committee</del>	<del>Teleconference</del>
<del>March 2017</del>	<del>16<sup>th</sup>/11:00-1:00</del>	<del>Steering Committee</del>	<del>Teleconference</del>
<b>April 2017</b>	<b>21<sup>st</sup>/8:30-12:00</b>	<b>All HRCyber members</b>	<b>In-person meeting – Thomas Nelson Community College</b>
<del>May 2017</del>	<del>18<sup>th</sup>/11:00-1:00</del>	<del>Steering Committee</del>	<del>Teleconference</del>
<del>June 2017</del>	<del>15<sup>th</sup>/11:00-1:00</del>	<del>Steering Committee</del>	<del>Teleconference</del>
<b>July 2017</b>	<b>20<sup>th</sup>/11:00-4:00</b>	<b>All HRCyber members</b>	<b>In-person meeting – ODU Norfolk – Note change in date for this meeting. This will be an extended meeting with representatives from NICE coming down to visit.</b>
<del>August 2017</del>	<del>17<sup>th</sup>/11:00-1:00</del>	<del>Steering Committee</del>	<del>Teleconference</del>
<del>September 2017</del>	<del>14<sup>th</sup>/11:00-1:00</del>	<del>Steering Committee</del>	<del>Teleconference</del>
<b>October 2017</b>	<b>19<sup>th</sup>/11:00-1:00</b>	<b>All HRCyber members</b>	<b>In-person meeting</b>
<del>November 2017</del>	<del>16<sup>th</sup>/11:00-1:00</del>	<del>Steering Committee</del>	<del>Teleconference</del>
<b>December 2017</b>	<b>14<sup>th</sup>/11:00-1:00</b>	<b>All HRCyber members</b>	<b>In-person meeting</b>