



Attention  
Career Counselors  
STEM Coordinators  
Curriculum Specialists  
You are invited to participate in a  
special workshop sponsored by  
*National Science Foundation*



## Careers in Cyber Security Workshop

**When: Tuesday, September 27, 2011**

**Time: 9:00 am-3:30 pm      Cost: none**

**Where: JHU Gateway Building, Rm 218-219 Columbia, MD**

**Deadline for Registration: Sept 20, 2009 - Online Form**

<http://www.edtechpolicy.org/C3Institute/GuidanceCounselor/2011/GCRegistration2011.html>

(you must provide your transportation-refreshments and lunch will be served)

*Note: This program is limited to 80 participants on a first-come, first-served basis.*

Career counselors are critical in the career choices of students. This 1 day workshop will introduce educators to IS/IA, Cybersecurity and Digital Forensics career opportunities, and choices within these categories, as well as, the multiple pathways to enter the workforce in these areas. Industry employers will speak to participants about career opportunities, student internships, externships and other related opportunities.

Counselors will learn about current and future career trends in the field, receive updates and current promotional materials for distribution to interested students and parents, and discover how to use the CyberWatch Center Web site and staff to find answers to questions from parents, students, and other educators. Each counselor will also receive materials and handouts.

**20 stipends @ \$50.00 are available** for **guidance/career counselors** through NSF (National Science Foundation) funding and will be arranged based on 1) first come first serve basis and 2) stipend participants will be asked to create recruitment brochures/ flyers based on workshop content that can be shared with students and parents. Stipend awardees must attend the short stipend briefing—immediately after the workshop.

### Defense Careers

- Counterintelligence
- Linguists
- CISA, CISSP, SANS
- Database Analysts & Administrators
- Digital Forensics
- Forensics Investigator
- Systems Engineer
- Graphics Specialists
- Risk Management
- Network Security



### Tentative Topics:

- 2 & 4 year options
- NSA DHS Framework
- Student perspective
- Connection with STEM
- SANS Institute
- US Employment Report
- Resources and much more!

### For More Information:

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**The Goals of the Careers Workshop are to:**

- Increase educator awareness of the workforce needs of the United States in IS/IA and related fields (digital forensics, homeland security, network security, systems administrator, cybersecurity) and requirements (clearances) including 2 and 4 year and certification tracks.
- Increase the knowledge of educators about CyberWatch Center and its benefits to students and the future technology workforce.
- Share the connection between the CyberWatch program and post-secondary success at partnering colleges and universities.

**Careers in Cybersecurity  
Workshop Tentative Agenda**

8:45 AM	<b>Check in</b>
9:00 – 9:15	<b>Welcome</b> Davina Pruitt-Mentle, PhD – CyberWatch Michael Linkins, MSDE
9:15 - 10:00	<b>Cyber Security Need: A National Growth Career</b> Davina Pruitt-Mentle, PhD – CyberWatch
10:00 -10:45	<b>The National Cybersecurity Framework</b> Understanding Cybersecurity Functional Titles, Roles and Responsibilities Peggy Maxson Director, National Cybersecurity Education Strategy Department of Homeland Security
10:45 - 11:00	<b>BREAK</b>
11:00 - NOON	<b>Educational Options</b> <b>Panel Discussion &amp; Open Forum</b> Dr. Blair Taylor, Department of Computer and Information Sciences, Towson University Kelly Koermer, Dean of the School of Business, Computing & Technical Studies, AACC Rick Doten, Chief Scientist, Center for Cyber Security Innovation, Lockheed Martin John Baker, Carey Business School, The Johns Hopkins Carey Business School
12:00-12:45	<b>Lunch and Networking</b> Visit 2 and 4 year institutions and industry booths
12:45 – 1:30	<b>Student Viewpoint</b> <b>Panel Discussion &amp; Open Forum</b> Brandon Dixon (2+2+2 Pathways model) Rose Kirby (Women in Cybersecurity) Brian Zhang (Freshman HCC)
1:30- 2:15	<b>The College Payoff</b> Nicole Smith, Senior economist The Georgetown University Center on Education and the Workforce  This report examines the most recent report regarding lifetime earnings for all education levels

and earnings by occupation, age, race/ethnicity and gender.

2:15- 2:50

**Decoding the Information Security Profession**

Marc Noble, CISSP-ISSAP/Director, Government Affairs (ISC)<sup>2</sup>

2:50- 3:00

**Decoding the Cyber Defense and other Cool Competitions**

Cyber Patriot, Cyber Foundations, High School Networking Security Competition, BPA and FBLA

CyberWatch Center Resources/Closure

**Briefing for Stipend Participants**

Davina Pruitt-Mentle, CyberWatch

Directions on Next Page
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**JHU Columbia Center  
Columbia Gateway Park  
6740 Alexander Bell Drive  
Columbia, Maryland 21046  
(410) 516 9700**

[http://webapps.jhu.edu/jhuniverse/information\\_about\\_hopkins/visitor\\_information/how\\_to\\_get\\_here/columbia\\_center/index.cfm](http://webapps.jhu.edu/jhuniverse/information_about_hopkins/visitor_information/how_to_get_here/columbia_center/index.cfm)

### ***From Baltimore***

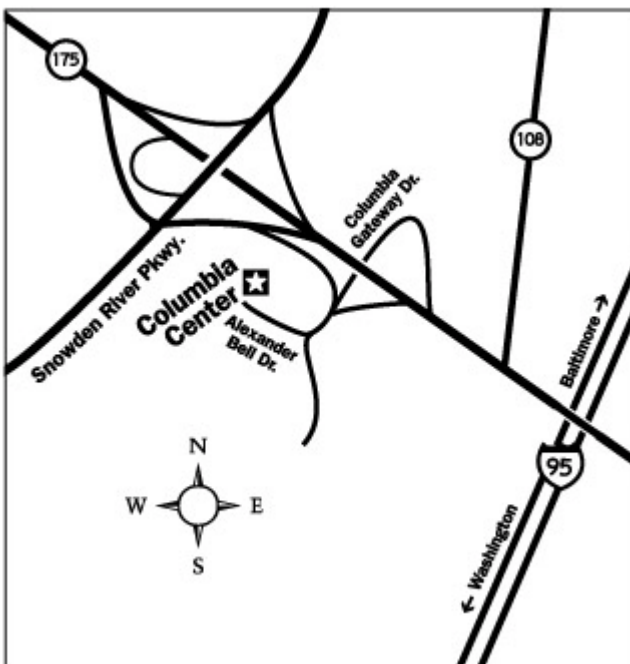
Take I-695 to exit 11 (I-95 South). Go south on I-95 to MD 175 West (Columbia). Follow MD 175 .8 miles through one traffic light to Gateway Drive on the right. Take Gateway Drive .4 miles; turn right onto Alexander Bell Drive. Go .3 miles to 6740 Alexander Bell Drive (the last building).

### ***From Washington***

Take I-495 to exit 27 (I-95 North). Go north on I-95 to MD 175 West (Columbia). Follow MD 175 1.5 miles through three traffic lights to Gateway Drive on the right. Take Gateway Drive .4 miles; turn right onto Alexander Bell Drive. Go .3 miles to 6740 Alexander Bell Drive (the last building).

### ***From Route 29***

From Route 29, exit onto MD 175 East (toward Jessup) and follow MD 175 for approximately 2.7 miles to the Gateway Drive/Snowden Parkway Exit. Stay in the middle lane of the exit ramp and follow the signs for Columbia Gateway (you will merge to the right after you cross the intersection with the first traffic light.) Continue in the right lane and turn right on Alexander Bell Drive at the next traffic light. Go .3 miles to 6740 Alexander Bell Drive (the last building).



### ***Parking***

Ample free parking is available.

### **Hotel Ideas**

[Homewood Suites by Hilton Columbia](#)

8320 Benson Drive, Columbia, MD

[Hilton Garden Inn Columbia](#)

8241 Snowden River Parkway, Columbia

[Courtyard Columbia](#)

8910 Stanford Boulevard, Columbia, MD