

**Information Assurance -
Information Security - Digital Forensics
Career Preparation and Opportunity
Workshop
For Guidance Counselors**

**Thursday, May 7, 2009
9:00 am – 3:00 pm**

Summary Report

**National Electronics Museum
Linthicum, Maryland**



Organized by: Educational Technology Policy, Research, and Outreach
www.edtechpolicy.org

**ETPRO CyberWATCH
IS/IA Cybersecurity and Digital Forensics Career Preparation and
Opportunity Workshop for Guidance Counselors**

YEAR 3

Event Summary

Summary Evaluation

The workshop was uniformly regarded as excellent and essential by both participants and speakers. Summary evaluation and comments are listed below.

Questions	Average Evaluation (0-strongly disagree, 4 – strongly agree)
General Questions	
The workshop's objectives/goals were clear	3.6
The 1 day length of the workshop was sufficient time to cover the subject matter	3.2
Overall, the workshop speakers were effective	3.4
The workshop materials are useful	3.4
I learned new information in this workshop	3.7
I will use the information that I learned in this workshop in my current position	3.7
I would recommend this workshop to others	3.7
Considering what I learned in the workshop, the cost was reasonable.	3.9
Speaker Presentations	
Lynn McNulty "Information Security: A Growth Career" was relevant and useful	3.3
Opening remarks from Paul Joyal , National Strategies Inc, about Public Safety and Homeland Security Practice: Cyber Warfare was relevant and useful	3.2
The Panel discussion was relevant and useful	2.8
The Working Lunch/Speaker Mark Hardy , President National Security Corporation was relevant and useful	3.8
Sean McDowell , US Secret Service, was relevant and useful	3.8
The afternoon Museum tour was relevant and useful	3.7
Clearance Processes and Requirements presented by Tim Sullivan, DISA was relevant and useful	3.9
The Online Reputation management (if time) was relevant and useful – leave blank if not covered	

How could this workshop be improved?

- shorter presentations from panel and more time for panel discussion
- It is not rude to keep professional to a time line it is rude when others do not get equal time. Too many people on panel for such a short time. Needed a time keeper
- the info from the panel was interesting, but too detailed for the audience. Which is why they spoke too long. Perhaps a short (2-3 minute) time line for each would be useful
- more handouts. More visuals of actual jobs and activities. Less technical
- Paul had great stories and examples-very interesting but not necessarily about awareness & careers. Mark was relevant and fun! The museum was not relevant or useful but fascinating and fun. Have seen Tim before and always good. Perhaps consider having him first since all the others made clearance references--and we would have better understood. Speakers especially panelists went far far beyond goals into minute and esoteric specifics of their programs to the severe detriment of their presentations-- need to be more to the point, what we need are what jobs exist? what course work do our students need at HS level, what skills should students have? what are the characteristics of kids moving into these career fields. next time clarify for speakers to give them a more appropriate focus. Sally, Baker and Alana good example of how to do it right!
- this was an excellent opportunity, but at times the wealth of information was overwhelming. Technical aspects should be eliminated
- Paul was interesting but not geared toward US. First two panelists too long. Good light lunch speaker. Overwhelming amount if info. Can lose some of the tech info.
- shorter panel presentations. Less presenters for panel and more interactions. Mark dynamic! But Really enjoyed
- we are missing one of the brochures on "careers" as a reference to by Lynn and shown in his PPT
- reduce technical language. More suitable temperature
- more interaction with audience. Too much setting, smaller groups to interest presenters
- thank you! Very informative to hear directly from industry experts.
- "Speakers list" according to expertise, availability & grade level audience would be helpful. Very well organized, with a wealth of information.
- Diverse speakers (race/sex) as well as by topic. great tour-applied science/math
- so much crammed in time allowed
- I wanted to know clearance requirements and at the end of the day it was hard to wait that long. First two speakers weren't too relevant went on too many tangents. Museum tour not relevant but interesting
- it is difficult to do this but you have to insist the speakers respond to the key points of the workshop. We don't need to hear story after story. The

MC read nice bios and the program helped a lot. If you give the speaker an outline & tell them they need to answer basic questions i.e., what opportunities are there for these students? internships? would recommend this workshop to others with this modification. Objectives were clear but not addressed by all speakers. Hardy person--good speaker and story teller but oh my gosh!!! Pull the plug on this guy! Sean McDowell covered all points. tour was fine. Its a thought but probably start off the day with the tour to allow for late arrivals. suggest start with clearance person to set the stage for the remainder of the day. this is GREAT! I think people have taken advantage in order to toot their horns. George Walls--provided practical info HS people could understand and use. Jim Chen programs are relevant by presentation was very technical. A counselor would not understand the language...way over our heads! Alana Johnson very good speakers hands on MS & HS programs speakers and mini grant (1000.00 to promote STEM John Baker good info

- Although a lot very interesting—thank you great ideas
- the idea and concepts are great! You can tell everyone worked very hard on this endeavor. Great Job! limit speakers. Tim clearances should go first because all prior session questions were in Tim's presentation he set the tone of the session some of the speakers need to get an "elevator speech" specifically the panel members. Several speakers spoke over our heads--they were difficult to follow. Lynn and Paul were excellent kept your interest and left you with knowledge. and excitement necessary to sell the programs to students. John Baker from JHU should have gone first! John was observant and an excellent communicator--he knew his audience. john actually told us how we & our students could & can use their programs. G-Mark had good observations however once again he was a little long winded. No list should be more than 1--13 items and better to have less than 10 Please make sure speakers stay within their allocated time---give them a 5 minute warning left of time Goals and objectives were clear but not sure addressed
- resource page with website put all materials /handouts in a binder or bound book format to better follow, for better organization. Leave lined page for notes. Less speakers esp on panel better room setup so all seats facing front and can see speakers
- He should have gone first (Tim) It would be better if we learned real skills & knowledge--courses necessary or desired for our students. Some speakers talked way over our heads about technical things that were irrelevant for us to know. I don't think I learned anything about hooking my students into STEM fields. I had hoped to be able to go back to school to encourage and excite my students. Capitol college guy good and John Baker--he should have also gone first because he gave simple definitions that explained a lot so more things made sense. I would have preferred not to have a luncheon speaker although he was entertaining
- try to keep on time with panel--overall great!
- Thank you I loved it

Please list any additional comments or suggestions below:

- The AC was freezing me out. Would be helpful to have a glossary of the terms since I was lost for most of the panel. Lunch was very nice and chocolates were a nice touch.
- consider a bit more time focusing on days objectives & purpose before each speaker--however, this was nicely defined in writing in handouts and explained in beginning
- in future build in time for networking or if possible send out list of participants and their emails
- Good size. Very Informative
- thank you this was very interesting
- G. Mark Hardy was perfect as the luncheon speaker--entertaining, insightful. Would like to know more about his company. Although I appreciate the other speakers, Sean McDowell was very helpful to me as a HS guidance counselor. I want him as a guest speaker for my 9th, 10th & 11th graders!
- thanks for the invite. Facility was great!
- needs to be much more straight forward
- Great topic covered. Lots of info!!
- thank you for this great opportunity!
- Have the cyber crime lab located here in Linthicum to speak (Jim Christy). Hardy way too long. I think he liked to hear himself talk...yank him off the stage! Need break in schedule although you might loose some then
- great speakers and they were very knowledgeable
- very nice to find out about colleges but don't really need to be so detailed down to course numbers. Give broad overview of program, what graduates are doing and how much \$ they are making. Tons of good information thank you! Some technical stuff over our heads
- lunch speaker was funny--enjoyed his presentation. Would return to visit museum tour was too short overall well worth the time!!
- great presentations, but a bite rushed at times thank you for having us! Very helpful
- Please keep on doing these kind of workshops
- limit technical presentations panel especially at times to detailed
- great information ! I really enjoyed the day
- it was a lot of info to absorb & a lot of time sitting a few more stretch breaks
- the college panel; could be shortened--we had handouts of their programs to use for students recommendations but we (counselors) only need an overview--not a full sales pitch
- Limit number of panel members so more discussion is possible

- much of the info was repetitive. Cut down on # of speakers or at least panel--more time for questions. Personally, I felt saturated and exhausted. However, the information was excellent so perhaps it was because it was all new to me. Thank you I enjoyed
- more activities/hands on/group work
- Panel" To indebt info
- Speakers assumed level of background was high (not everyone is familiar with terms, process)
- this was very helpful for students and parents. It would be great to invite them
- Thanks!!
- better time management for the panel
- the panel was too long could have been presented in paper. Mark Hardy was good
- this info could have been condensed and still relevant to counselors. Some info was too technical, and therefore difficult to follow. For example, the descriptions of classes and examples of labs and so on—we do not need that
- the room was extremely cold, which made it difficult to concentrate and stay awake. There was little down time. Even lunch was booked. Although the lunch speaker was excellent, it would have been nice to have some time to unwind and perhaps to exchange ideas with others at our tables
- Shorten the panel presentations. The first 2 were way too long
- the air condition was too cold and distracted from the presentation

Resources and Speaker Materials can be found at:

<http://www.edtechpolicy.org/Cyberwatch/gcworkshop.html>