



ISSA
Information Systems Security Association



Monthly Meeting
September 23, 2020

Central Maryland Chapter Sponsors:
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Chapter**

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- ❖ Bill Smith, Jr., CISSP, GSNA, CEH, GPEN, GCFA, GCFE - President
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Call for Volunteers

We have opportunities available for non-board positions:

- Event Coordinator to coordinate events and workshops,
- Study Group Facilitator to prepare candidates for the certification exams like Security+, CISM, etc.

If interested, or for more information, please contact a board member.

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Election of Officers

November 18, 2020, Performed on-line virtually

- ❖ President: Bill Smith, Jr.
- ❖ VP Education: Kevin Newman
- ❖ VP Membership: Steve Chan
- ❖ VP Outreach: Open

Election Chair: Renee Esposito <renee_espos@hotmail.com>

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2021-1 CISSP Study Group

Start: February 16, 2021

End: May 18, 2021

**UMBC Training Center and/or
Virtual via Zoom**



CISSP®

Review and Practice Exam

14 Sessions Total

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Insider Threat Day September 1, 2020

Virtual Event

The Insider Threat Day with Johns Hopkins University Applied Physics Lab, hosted by the ISSA Central Maryland Chapter, took place on Thursday, September 1, 2020. This one-day event was part of the Insider Threat Awareness Month declared by the U.S. National Counterintelligence and Security Center (NSCS) and the National Insider Threat Task Force (NITTF). The goal of Insider Threat Day was to raise awareness and help organizations develop proactive strategies for detecting and combating these threats, as well as to reduce the risk of compromised information.

- 110 registered with 40-60 watching at any given time
- Plan to do again next year (hopefully in person) on 9/8/2021

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CAPITAL REGION VIRTUAL
CYBERSECURITY SUMMIT

WASHINGTON, D.C. & BALTIMORE

REGISTER NOW

SEPTEMBER 30, 2020

Data Connectors
Cybersecurity Community | Since 1999

<https://www.dataconnectors.com/events/capital-region2020/>

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SIXTH ANNUAL

MARYLAND
STEM
FESTIVAL  **2020**
VIRTUAL

Oct 2, 2020 through Nov 1, 2020

**MANU
FAC
TURING**



DESIGN

Silver Sponsors

Bowie State
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Bronze Sponsors

Carroll Community College
KCI Technologies Inc
ISSA Central Maryland
Chapter
Morgan State University
Emergent BioSolutions
University of Maryland
Baltimore

Gold Sponsors

 **tenable**
GRACE
Talent | Technology | Trust™



OCTOBER 2 through NOVEMBER 1

Theme: Manufacturing Design

<https://marylandstemfestival.org/>

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[Attend this event >](#)

Virtual Threat Defense Challenge

Sponsored by Trend Micro

October 8, 2020 | 10:00 a.m. - 4:00 p.m. ET



Register today >

Join our security experts for a **hands-on learning experience** as you navigate a simulated cyberattack in real-time. Learn to “think like a hacker” and then respond to and defend valuable assets. Whether you are a novice or a skilled security professional, this experience has something for everyone.

Compete in teams alongside your peers to run cyberattacks in a controlled environment. Premium prizes will be given to the team with the most points.

Join this action-packed session and learn to:

- Understand the tools and techniques used by hackers
- Identify infrastructure security gaps
- Plan and implement security measures

There's no cost to attend. Just bring your best game!

No cost to ISSA members

Register Here;
https://resources.trendmicro.com/2020-Q4-NE-MA_TDC_OCT8.html

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RSA

THREAT HUNTING WITH RSA

HEADS UP AND HANDS ON - VIRTUAL SESSION

Tue, Oct 20, 2020 12:30 PM - 6:30 PM

Ask 5 people what threat hunting is, and you'll get 6 different answers, because when it comes to threat hunting, it's still the Wild West.

This virtual workshop will cut through all of the nonsense and give you real world practical knowledge of why threat hunting is a critical part of any security program.

VIRTUAL WORKSHOP FOCUS: Cyber Threat Hunting Methodologies and Exercises using Security Tools

RECOMMENDED AUDIENCE: This is an educational and hands on workshop. Knowledge of network protocols is required.

This workshop is for seasoned threat hunting professionals and is not recommended for beginners.

CPE CREDITS: This workshop is eligible for up to 6 CPE credits

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TRAINING CENTERS

The UMBC Training Centers is offering free webinar series, covering a variety of skills and career sessions on software development, cybersecurity, leadership, and more.

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(ISC)² Security Congress

Join thousands of leading cybersecurity professionals virtually at (ISC)² Security Congress 2020 November 16-18. You will hear expert insights into the latest security challenges, and share best practices for combating threats, building teams and implementing the latest processes and procedures to better defend your organizations' critical assets. We will discuss the latest issues facing the workforce, explore pathways for career advancement and discover new tools and solutions together.

Attend (ISC)² Security Congress from home and take advantage of the powerful collaboration that you can only find at a conference of your peers who are dedicated to helping one another solve the challenges we all face.

Early Bird pricing to (ISC)² members and associates of just \$295 for an All-Access pass. Non-members will also benefit with Early Bird pricing of \$395. Registration details will be announced when open. The Early Bird window will close on September 30. Registration and more information can be found at:

<https://www.isc2.org/News-and-Events/Press-Room/Posts/2020/06/30/ISC2-Security-Congress-2020-Transforms-into-Virtual-Conference>

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Free Security Training

Fortinet - Advanced training for security professionals, Technical training for IT professionals, and Awareness training for teleworkers.

<https://www.fortinet.com/training/cybersecurity-professionals.html>

Cambridge - Software and Security Engineering

<https://www.cl.cam.ac.uk/teaching/1920/SWSecEng/materials.html>

Palo Alto Network - Free Cybersecurity Education for ALL

<https://www.linkedin.com/pulse/free-cybersecurity-education-all-florian-buijs/>

6 Free Cybersecurity Training and Awareness Courses

<https://www.darkreading.com/threat-intelligence/6-free-cybersecurity-training-and-awareness-courses/d/d-id/1337781>

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ISSA 2020 Meetings and Events

Date	Speaker	Organization	Topic
September 23, 2020	Nagi Mei, D.Sc.		A Study on Drone Forensics Framework
October 28, 2020	Ira Winkler	Secure Mentem	Lessons Learned from 30 Years of Security Awareness Efforts
November 18, 2020	Daniel White	Census Bureau	
December 16, 2020	James Honeycutt		PowerShell JEA

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October 28, 2020
Ira Winkler
Secure Mentem

Ira Winkler, CISSP, is the President of Secure Mentem and Author of Advanced Persistent Security, and the forthcoming books, You Can Stop Stupid and Security Awareness for Dummies. He is considered one of the world's most influential security professionals and was named "The Awareness Crusader" by CSO magazine in receiving their CSO COMPASS Award. He also received the ISSA Hall of Fame award. He has designed and implemented and supported security awareness programs at organizations of all sizes, in all industries, around the world. Ira began his career at the National Security Agency, where he served in various roles as an Intelligence and Computer Systems Analyst. He has since served in other positions supporting the cybersecurity programs in organizations of all sizes. Ira's new book can be preordered here: <https://tiny.cc/stupidbook>

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October 28, 2020

Lessons Learned from 30 Years of Security Awareness Efforts

Organizations acknowledge that employees are often the weakest link, yet efforts to improve 'user awareness' tend to rely upon available tools and not true experience. Drawing on three decades of awareness efforts and experience improving true security behaviors, Ira Winkler will dispel many commonly held beliefs about security awareness, detailing what consistently works and what does not.

Learning Objectives:

- 1: Learn and apply what works consistently across hundreds of organizational awareness efforts.
- 2: Learn from research in other disciplines that improves awareness efforts.
- 3: Learn how to create a security culture that drives individual security behaviors.

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Nagi Mei, D.Sc.

Dr. Nagi Mei has over 14 years in management and technology consulting service offerings to the commercial and health industries, and federal, state, and local governments. She has extensive experience in strategic initiatives and operational responsibilities grounded in information security management. Dr. Mei is a project manager where she leads teams in implementing information security projects. Dr. Mei received a Doctor of Science in Cybersecurity from the Capitol Technology University. She holds a Master in Business Administration, a Master of Science in Information and Telecommunications Systems from the Johns Hopkins Carey Business School, and a Bachelor of Science in Information Systems concentrating in Digital Forensics from the Johns Hopkins University. She holds certifications in Sec+, PMP, PMI-ACP, SSM, CSM, and ITILv3.

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A Study on Drone Forensics Framework

As consumer unmanned aircraft systems (UAS) or drones are used more commonly in public areas, an approach for a drone forensics framework is needed to guide forensics investigators in analyzing recovered drones that entered the unauthorized national airspace system (NAS). The presentation is based on a doctoral research study focused on whether a single framework and multiple frameworks for drone forensics. The data collected through an online survey provided detailed descriptions of the participants' most commonly used forensics frameworks or guidelines. The data collected from participants in the United States measured the occurrences of the type of guidelines forensics examiners used. The results of the study identified a need for a standard drone forensic framework across digital forensic disciplines and aircraft accident investigation for use by investigators to produce admissible evidence for litigation in the U.S. courts. The research led to a proposed basic drone forensics framework, which can be improved upon in future research.

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