



ISSA
Information Systems Security Association



Monthly Meeting
April 28, 2021

Central Maryland Chapter Sponsors:
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ISSA Awards



ISSA Fellows Program

Senior Member, Fellows, and Distinguished Fellows

The ISSA Fellows Program honors established cyber professionals with demonstrated success and contributions to the industry. These individuals have dedicated years towards the innovation and progression within the cyber realm.



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2021-2 CISSP Study Group

Fall 2021

August 17, 2021 thru November 23, 2021

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



CISSP®

Review and Practice Exam

14 Sessions Total

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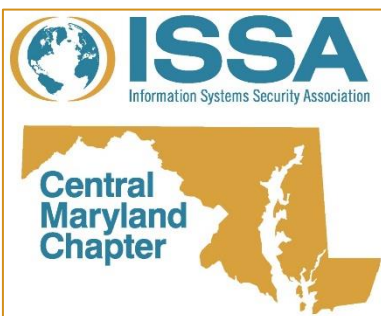
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ISSA-NOVA | Northern Virginia Chapter



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National Capital Chapter

Mid-Atlantic Quarterly Meetings

June 23 @ 5:30-7:00 PM

- Amber Schroader, Paraben Corporation
- Sgt John Bevell (MD State Police) Cyber / Internet Crimes Division).

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UMBC
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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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ISSA Member Benefits

List of special offers available to members. You will need to login with your member portal credentials to access this page.

<https://www.members.issa.org/page/SpecialOffers>

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Purple Team Summit | Live Online

Free Summit: May 24-25, 2021

The Purple Team Summit brings together the industry's top practitioners to explore practical uses of threat emulation tactics, detection capabilities, and security controls. Experts will share their own experiences and current purple team concepts that you can implement within your own security program.

Learn more and register now for FREE.

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CloudSecNext

Summit & Training 2021

Live Online 

CloudSecNext Summit | Live Online

Free Summit: June 3-4, 2021

CloudSecNext Summit & Training will bring together a unique combination of real-world user experiences and case studies, as well as practical, technical training focused on specific approaches and skills for building and maintaining a secure cloud infrastructure.

[Learn more and register now for FREE.](#)

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SANS
**Security
Awareness**
Summit &
Training 2021



Security Awareness Summit & Training 2021

We're opening this global virtual Summit to the community! Register now for FREE

- Two days of interactive talks, and sessions featuring speakers from all around the world
- Closely aligned SANS courses, including MGT433: Managing Human Risk
- MGT433 is also available to take in the UK time zone
- Exclusive virtual networking opportunities with fellow awareness professionals

August 3-4, August 9-14

<https://www.sans.org/event/security-awareness-summit-2021>

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ISSA 2021 Meetings and Events

Date	Speaker	Organization	Topic
April 28, 2021	Thomas Byrd	T Rowe Price	Cybersecurity Preparedness and Operational Resiliency
May 11, 2021, Breakfast	Chuck Chessor Shawn Altman	Netskope/VMware	Cloud Security IoT
May 26, 2021	Jennifer Dickens	NOAA	
June 23, 2021	<ul style="list-style-type: none"> Amber Schroader, Paraben Sgt John Bedell, MD State Police 	ISSA Mid-Atlantic Quarterly Meeting	Cyber Crime
July 28, 2021	Mike Raggio	Cloudknox	Cloud Infrastructure Cyber Kill Chain - Threats & Countermeasures
August 25, 2021	Jeremy Druin	Ellisis Infosec	Getting to Know Your Pi-Hole: Implementing Advanced DNS Security at Home and Small Office
September 9, 2021	Terrie Shank	Baltimore Police Dept.	Crime Lab Tour
September 22, 2021		Optiv	

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May 11, 2021, Breakfast Meeting 7:30 am to 9:00 am

Chuck Chessor, Netskope

Chuck Chessor, Senior Security Engineer at Netskope, has over 15 years of network and information security experience supporting complex large enterprises – John Deere and US Courts

Shawn Altman, VMware

Shawn Altman, a Staff Solution Security Engineer at VMware, has over 15 years of information security including architecture, network security, critical infrastructure,

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May 11, 2021

Explosion of Cloud and the New Era of Cloud-Enabled Threats

As more organizations are migrating to the cloud or utilizing cloud applications, 20% increase in 2020 alone, it's important to understand the inherent threats presented by leveraging the cloud and its capabilities. In this discussion, we will discuss top threats (i.e., cloud phishing, cloud malware delivery) cybercriminals are exploiting and best practices to protect your data and users.

Safeguarding Internet of Things (IoT)

The Internet of Things (IoT) is a system of interrelated devices that are provided with unique identifiers (UIDs) and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction. This includes everything from cellphones, coffee makers, washing machines, headphones, lamps, wearable devices and almost anything else you can think of. This also applies to components of machines, for example a jet engine of an airplane or the drill of an oil rig. Allowing these devices to connect to the internet opens them up to a number of serious vulnerabilities if they are not properly protected. IoT security is the technology area concerned with safeguarding the connected devices and networks that comprise the Internet of Things. IoT security has become the subject of scrutiny after a number of high-profile incidents where a common IoT device was used to infiltrate and attack the larger network. Implementing security measures is critical to ensuring the safety of networks with IoT devices connected to them.

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Thomas Byrd, T. Rowe Price

Thomas Byrd, is the Head of the Cybersecurity Awareness program, Vice-President at T. Rowe Price. He spearheads associate education and risk mitigation efforts to confront current and emerging cyber threats.

Thomas Byrd has served as a Program Coordinator & Adjunct Professor of Cybersecurity at Stevenson University. In that role, he launched several technology modernization efforts to improve the online student learning experience. Thomas serves on the Board of Directors at the Center for Forensics Excellence, which is designed to serve as a model of excellence and support to the field of forensics and will assist in improving equal justice through training, research, publications, and resource sharing. He partnered with the Maryland State's Attorneys' Association (MSAA) and held a training for area prosecutors, police, and support staff. This Forensic Day event included information about forensic interviewing and digital and cyber forensics of IoT devices.

Thomas Byrd has served as a Senior Professional Staff member at Johns Hopkins University – Applied Physics Laboratory in the Critical Infrastructure Protection Group where his practical work, research, and educational pedagogy focus on planning, coordinating, and controlling information security locally, nationally and internationally. Thomas provided executive leadership and the development of technical solutions for core areas of Information Security that include operational, financial, and administrative performance. He provided executive counsel to senior leadership related to cyber security, fiscal administration, Risk Management Framework/DoD Acquisition, Supply Chain Risk Management, IT audit and compliance, cyber law, and legal policy at the Department of Defense (DoD), and the Department of Homeland Security (DHS). Ensuring a systematic approach to selecting, managing, and evaluating IT security investments in accordance with federal and DoD policies, standards, and regulations (e.g. FISMA, FIPS, CNSS, HIPAA/HITECH, NIST, DFARS) was also part of his portfolio.

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Cybersecurity Preparedness and Operational Resiliency

The challenges created by accelerating technological innovation have reached new levels of complexity and scale. Governments, businesses, and academic organizations all face growing security threats against their infrastructures and accordingly it is imperative that organizations integrate Cybersecurity Awareness best practices into business processes and management strategies. Moreover, the cybersecurity posture of an organization is an integral factor in the overall health and viability the institution. Following this qualitative methodology and implementing a multifaceted approach to Cybersecurity Preparedness and Operational Resiliency can be achieved.

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