ISSA
Information Systems Security Association

Central Maryland Chapter

Monthly Meeting
April 24, 2024

Board of Directors

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

❖ Sidney Spunt, CISSP - VP Operations

❖ Lorenzo Thweatt, CISSP - Secretary

❖ Bill Zook - VP Outreach

❖ Kevin Newman, CISSP – VP Education

❖ Seth Wilson, MBA, CISA, CISSP – Treasurer

❖ Stephan Chan, CISSP, PMP – VP Membership

❖ Phil Rogofsky, CPA, CISSP - VP Professional Development, STEM Outreach

Central Maryland Chapter Sponsors

New Central Maryland Chapter Sponsor

DTEX

The Global Leader for Insider Risk Management

DTEX Systems is the global leader for insider risk management. We empower organizations to prevent data loss and support a trusted workforce by proactively stopping insider risks from becoming insider threats.

How do we do this? By consolidating the essential elements of Data Loss Prevention, User Behavior Analytics, and User Activity Monitoring in a single light-weight platform to detect and mitigate insider risks well before data loss occurs. Combining AI/ML with behavioral indicators, DTEX enables proactive insider risk management at scale without sacrificing employee privacy or network performance.

DTEX InTERCEPT is a scalable, cloud-native platform. Through its patented and privacy-compliant metadata collection and analytics engine, the DTEX platform surfaces abnormal behavioral "indicators of intent" to mitigate risk of data and IP loss, enabling SOC enrichment with human sensors and empowering enterprises to make smarter business decisions quickly.

https://www.dtexsystems.com/

New Central Maryland Chapter Sponsor

https://leidos.com

Leidos is an innovation company rapidly addressing the world's most vexing challenges in national security and health. We collaborate to create smarter technology solutions for customers in heavily regulated industries.

New Meeting Location Starting
March 27, 2024

Leidos, Inc
6841 Benjamin Franklin Dr.
Columbia, MD 21046

New ISSA International Management

- Jennifer Hunt: Executive Director
- Dan Komm: Sr. Director of Operations and Enablement
- Michelle Piemonte: Sr. Director of Member and Chapter Services
- Mamen Garcia: Member and Chapter Services

Certification Continuing Education Units

Responsibility of each member to submit their CEUs

Certificate of Attendance available upon request

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

CSA cloud security alliance®

COVER6 SOLUTIONS

CyberSecurity ACADEMY

CyberSecurity PROFESSIONALS

CYBRARY

EC-Council

FAIR INSTITUTE

ISSA + iapp

INFOSEC

INFOSEC ✳ WORLD

KnowBe4
Human error. Conquered.

lawpilots

MINDEDGE

PROFESSIONAL DEVELOPMENT ACADEMY
WE MAKE LEADERS BETTER

peerlyst

PRIVACYSWAN CONSULTING

RSA Conference2022
San Francisco & Digital | June 6 – 9

SANS INSTITUTE

SCIPP INTERNATIONAL
THE SECURITY AWARENESS CERTIFICATION COMPANY

SECURE|ANCHOR

SECTOR
Security Education Conference

TradePub.com
Powered by NetLine Corporation

Treadstone 71

WSC WOMEN'S SOCIETY OF CYBERJUTSU

ISSA Special Interest Groups

https://www.members.issa.org/general/custom.asp?page=ISSASpecialInterestGroups

ISSA has many opportunities for members to form and participate in global initiatives and working groups. As a member, you can choose to be active in one or more of these Special Interest Groups (SIG).

Women in Security Special Interest Groups
Mission: Develop global women leaders and build a stronger community to create a compelling environment around cybersecurity and technology.

Privacy Special Interest Group (SIG)
This group is dedicated to providing privacy relevant topics to security professionals through thought leadership and a knowledge-sharing platform. The Privacy SIG will be hosting quarterly webinars and providing concise and timely privacy-related information.

Cyber Resilience Special Interest Group (SIG)
Mission: Build a global community of Cyber Resilience professionals in order to share actionable best practices to protect our organizations from cyber-attacks on high value assets.

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

➤ **Cybrary Makes 500+ Hours of Premium Training Content Free to Address Cybersecurity Skills Shortage:** https://www.cybrary.it/blog/500-hours-free-content-to-address-cybersecurity-skills-shortage/

FREE Cyber Security Certifications/Training

- 1. Introduction to Cybersecurity
- 2. Cybersecurity Essentials
- 3. Networking Essentials
- 4. Intro to Information Security
- 5. Network Security
- 6. NSE 1,2 & 3
- 7. Information Security
- 8. Network Security
- 9. Risk Management
- 10. Certified in Cybersecurity
- 11. CCNA Security Courses
- 12. Network Defense Essentials (NDE)
- 13. Ethical Hacking Essentials (EHE)
- 14. Digital Forensics Essentials (DFE)
- 15. Dark Web, Anonymity, and Cryptocurrency

- 16. Digital Forensics by Open Learn
- 17. AWS Cloud Certifications (Cybersecurity)
- 18. Microsoft Learn for Azure
- 19. Google Cloud Training
- 20. Android Bug Bounty Hunting: Hunt Like a Rat
- 21. Vulnerability Management
- 22. Software Security
- 23. Developing Secure Software
- 24. PortSwigger Web Hacking
- 25. RedTeaming
- 26. Splunk
- 27. Secure Software Development
- 28. Maryland Software Security
- 29. Cyber Threat Intelligience

GitHub - cloudcommunity/Free-Certifications: A curated list of free courses & certifications.

A curated list of free courses & certifications. Contribute to cloudcommunity/Free-Certifications development by creating an account on GitHub.

github.com

https://github.com/cloudcommunity/Free-Certifications?utm_source=tldrnewsletter

Upcoming Summits

SANS

Summit & Training events provide an immersive training experience that arms attendees with deep-knowledge and actionable information and has a lasting impact on their careers and their organization's security programs. **https://www.sans.org/cyber-security-summit**

Event	Location	Dates
Cybersecurity Leadership Summit	Virtual	Summit: Thursday, May 16
Ransomware Summit	Virtual	Summit: Friday, May 31
ICS Security Summit & Training	Orlando, Fl & Virtual	Day 0: June 16 Summit: June 17-18 Training: June 19-24
Neurodiversity in Cybersecurity Summit	Virtual	Summit: Thursday, June 27
SSA Managing Human Risk Summit 2024	Norfolk, VA & Virtual	Summit: Jul 29-Aug 7
Digital Forensics & Incident Response (DFIR) Summit & Training	Salt Lake City, UT & Virtual	Summit: Aug 22-23 Training: Aug 24-29
CloudSecNext Summit & Training	Denver, CO & Virtual	Summit: Sept 30-Oct 1 Training: Oct 1-7

Free Training in AI courtesy of **NVIDIA**.

1. Generative AI Explained - • Generative AI and how it works. • Various Generative AI applications. • Challenges and opportunities in Generative AI - Link: **https://lnkd.in/gTAJ-sKa**
2. Building A Brain in 10 Minutes - • Exploring how neural networks use data to learn • Understanding the math behind a neuron - Link: **https://lnkd.in/gvVrqwZF**
3. Augment your LLM with Retrieval Augmented Generation - • Basics of Retrieval Augmented Generation • RAG retrieval process • NVIDIA AI Foundations and RAG model components - Link: **https://lnkd.in/g8hYube9**
4. AI in the Data Center - • AI use cases, Machine Learning, Deep Learning, and their workflows. • GPU architecture and its impact on AI. • Deep learning frameworks, and deployment considerations - Link: **https://lnkd.in/gvNzawxe**
5. Accelerate Data Science Workflows with Zero Code Changes - • Learn benefits of unified CPU and GPU workflows • GPU-accelerate data processing and ML without code changes • Experience faster processing times - Link: **https://lnkd.in/gRmxxVn8**
6. Mastering Recommender Systems - • Strategies from Kaggle Grandmasters on building recommendation systems for e-commerce. • Cover 2-stage models, candidate generation, feature engineering, and ensembling - Link: **https://lnkd.in/gdHtJbVS**
7. Networking Introduction - • Learn about networks and their importance. • Explore Ethernet basics and data forwarding in Ethernet networks. • Discuss network components, requirements, OSI model, TCP/IP protocol - Link: **https://lnkd.in/gqX2CJMu**
8. How to Perform Large-Scale Image Classification - • Learn large-scale image classification • Cover challenges, modeling techniques AND validation strategies. - Link: **https://lnkd.in/gWRSha8P**

ISSA Central MD 2023 Meetings and Events

Date	Speaker	Organization	Topic
April 24, 2024	Dawn Greenman	Johns Hopkins Applied Physics Laboratory (APL)	Federal Government Proposed Cybersecurity Regulations and False Claims Risks
May 22, 2024	Kyle Krause	Magna5	
June 26, 2024	Phillip Payne	Cybersecurity & Information Systems Information Analysis Centers (CSIAC)	Jumpstarting your Research with the DoD Cybersecurity & Information Systems Information Analysis Centers (CSIAC)
July 24, 2024	Amy Hamilton	DOE	Internet of Things
August 28, 2024	Bradley Williams	Sonicwall	

Dawn Greenman, Program Manager for Cybersecurity Compliance and Supply Chain Risk Management (C-SCRM). Johns Hopkins Applied Physics Laboratory (APL)

Dawn Greenman is the Program Manager for Cybersecurity Compliance and Supply Chain Risk Management (C-SCRM) for Johns Hopkins Applied Physics Laboratory ("APL"). Ms. Greenman oversees the cybersecurity compliance strategy across the organization to ensure APL can meet its information technology mission needs. Ms. Greenman is a subject matter expert in the federal regulations to protect controlled unclassified information. She is a trusted partner to government and to industry. In her role as program manager, Ms. Greenman supports sponsor work related to the design and implementation of the new Department of Defense cybersecurity program, Cybersecurity Maturity Model Certification (CMMC). Further, she leads working groups with peer organizations to collaborate on cybersecurity threats, risks and compliance while identifying ways to improve cybersecurity of small-to-medium businesses in the defense industrial base.

Prior to her 18-year tenure at APL, Ms. Greenman held a variety of Information Technology positions with small to medium businesses where she drove organizational change through the use of information technology. She has designed and delivered data centers, implemented major ERP systems, assured information technology compliance with Sarbanes Oxley, and built world class Help Desk teams.

Dawn holds an undergraduate degree in Information Systems with a concentration in Homeland Security and an Executive Masters of Business Administration from The University of Maryland Robert H. Smith School of Business. She is a Certified Information Security Professional (CISSP) and holds the GIAC Security Essentials (GSEC) certification.

April 24, 2024

Federal Government Proposed Cybersecurity Regulations and False Claims Risks

Are you aware of the cybersecurity regulations proposed by the Federal Government? As more businesses shift towards digital operations, it's crucial to stay informed about the evolving cybersecurity landscape. In addition to protecting your business from cyber threats, failing to comply with these regulations could also put you at risk of facing false claims allegations. Let's learn more about this important topic together.

This session will include an overview of the CMMC rule, the proposed FAR rule for Software Bill of Materials (SBOMs), FedRAMP equivalency requirements for contractors, and the potential consequences of False Claims Act.