

March 2024 Edition

NCYTE
insights

CYAD

Cybersecurity Across Disciplines

Moraine Valley Community College

June 12-13, 2024

Community college faculty from across disciplines are invited to attend an in-person conference at Moraine Valley Community College, near Chicago. No cybersecurity experience is needed.

Everyone is vulnerable to a cyber attack! In today's world, we all need to be aware of how we can prevent cyber attacks and secure our data. Experts in private and public organizations will be attending. Workshops will focus on cybersecurity risks and mitigation across different disciplines and the industry they serve.

Encourage your colleagues across all disciplines to attend!

[CyAD Registration:](#)

Register now for the Early Bird Rate!

- Early Bird Rate: \$175.00 (Valid March 1 through April 12, 2024)
- Regular Rate: \$200.00 (Valid April 13 through May 20, 2024)

[CyAD Conference General Information](#)

[CyAD Conference Agenda](#)

[CyAD Travel Logistics](#)

[CyAD Travel Stipend Information](#)

[Register Now!](#)



Share Your Expertise at CyAD!!!

Proposals due

March 15, 2023 | 5:00 pm PDT

Hurry! The call for proposals for the second annual [Cybersecurity Across Disciplines \(CyAD\) Conference](#) hosted by the National Cybersecurity Training and Education (NCyTE) Center at Moraine Valley Community College (MVCC) **closes on Friday, March 15!**

We want to hear your ideas and showcase them at this one-of-a-kind event. This is an exciting opportunity for educators, business leaders, and the government to share their knowledge with attendees while gaining insight into how cybersecurity can be integrated into other disciplines and industries.

Presentation Format:

- Session presentations (45 minutes) with time for Q&A

- Multi-disciplinary workshops (1.75 hours) – Hands-on engagement with time for Q&A

[Submit Your Proposal](#)



AI's Impact on Cybersecurity Instruction & Work Roles

March 15, 2024

9 - 10 am PDT | Virtual

[Registration](#)

How is AI being leveraged to fortify cyber defenses, shape policies, and train the next-gen workforce?

The integration of AI into cybersecurity brings both opportunities and challenges for cybersecurity instruction and work roles. It requires professionals to adapt to new

technologies, develop new skills, and stay vigilant in addressing emerging threats and ethical considerations.

Join your colleagues for an engaging discussion on the transformative impact of AI on instruction and cybersecurity work roles, featuring experts from government and education.

Panel

Dr. Costis Toregas (Moderator)

Director | Cyber Security and Privacy Research Institute | The George Washington University

[Costis Toregas | LinkedIn](#)

Eman El-Sheikh, Ph. D.

Associate Vice President
Center for Cybersecurity
University of West Florida

[Eman El-Sheikh | LinkedIn](#)

Michael Prebil

Cybersecurity Workforce Analyst (NICE/NIST)

[Mike Prebil | LinkedIn](#)

Dr. Vincent Nestler

Associate Professor
Senior Personnel, NCyTE Center
vnestler@csusb.edu

[Registration](#)



Advancing Cyber Resilience:
CMMC 2.0 Virtual Workshop

Two Workshops:
May 16 & 17
July 18 & 19

The Cybersecurity Maturity Model Certification (CMMC) program has been developed by the Department of Defense (DoD) for contractors and subcontractors that are part of the Defense Industrial Base (DIB). Its primary aim is to fortify the safeguarding of sensitive unclassified information exchanged between the Department and its extensive network of contractors and subcontractors.

The two-day CMMC 2.0 workshop covers the updated, streamlined three-level model. Shifting most Auditing requirements to the DoD, CMMC 2.0 aligns more closely with the NIST 800-171 standards.

These workshops have limited seating. Register now!

Who should participate?

- Cybersecurity faculty members
- IT or cybersecurity professionals in small businesses

The workshop will be led by Dr. John Sands, a seasoned expert with over three decades of experience in education and workforce research and has experience leading CMMC workshops. Dr. Sands brings extensive knowledge in data communications, manufacturing technologies, information technology, and cybersecurity management.

[May 16-17 Registration](#)

[July 18-19 Registration](#)



Unlock the Future: Shaping Tomorrow's Tech Leaders

April 24

3 pm to 6 pm PT

Whatcom Community College | Bellingham, WA

Unlock the Future at Whatcom Community College! Dive into the dynamic world of cybersecurity as industry and academia unite to tackle pressing workforce needs and cultivate the next generation of tech leaders.

Discover the power of collaboration as we delve into the critical topics of cybersecurity workforce needs, the exceptional talent of WCC graduates, and the creation of resilient hiring pipelines. Whatcom Community College holds the prestigious CAE-CD designation from the NSA, highlighting its commitment to excellence in cybersecurity education and training.

Don't miss this unique opportunity to network with regional cybersecurity leaders, engage with WCC's cyber talent, and shape the future tech leaders in our local region.

Who should attend? Local and state business and industry leaders, government leaders, career specialists, students, and educators.

[Register](#)

Whatcom Community College, the Cybersecurity Center of Excellence (CCoE) of Washington State, and the NCyTE Center are sponsoring the event.





Community & Technical College Faculty Development Academies

*NCyTE is offering a variety of professional development academies this summer for **community and technical college faculty** members wishing to expand their knowledge, earn an industry certification, and strengthen their ability to incorporate new cybersecurity content in their community college curriculum.*

Implications of Artificial Intelligence for Cybersecurity Educators

Virtual | July 8 -12, 2024

8 AM - 12 PM Pacific

In the four-day workshop, **community college faculty** will learn how to integrate AI and AI technologies into their existing network security and information technology programs. As modern organizations increasingly grapple with AI and cybersecurity threats, this workshop provides an essential understanding of how AI is revolutionizing the field of cybersecurity. Participants will delve into a comprehensive exploration of the current state of Artificial Intelligence and its expanding role in cybersecurity engagements, offering insights into the latest advancements and challenges in the domain.

Eligible community and technical college faculty will receive a stipend upon completing the academy.

Instructor Mike Quassaunee, Professor-Engineering & Technology at Brookdale Community College will lead the workshop.

Learn more by visiting the registration page.

[July 8-12 Registration](#)

Microsoft Azure Open AI Fundamentals

Virtual | July 15 -18, 2024

8 AM - 4PM Pacific

The four-day workshop, intended for **community college faculty**, focuses on the expansive capabilities of Microsoft Azure in the realm of artificial intelligence. This workshop is tailored to prepare participants for the Microsoft Certified: Microsoft Azure AI Fundamentals exams, emphasizing hands-on experience with Azure's AI tools and services. The workshop curriculum is structured to cover a broad spectrum of AI topics, beginning with an overview of AI workloads and considerations, which form a significant portion of the course content. Participants will be immersed in the foundational principles of machine learning on Azure, gaining practical skills in building, training, and deploying machine learning models.

Eligible community and technical college faculty will receive a stipend upon completing the academy.

Instructors Jiri Jirik, Director, Education Pathways National Center at Moraine Valley Community College and Kyle Jones, Information Technology Chair at Sinclair Community College will lead the workshop.

Learn more by visiting the registration page.

[July 15-18 Registration](#)



NCyTE Membership

Join as an institutional member! Gain access to curriculum resources, travel stipends for conferences, industry partners, workshop resources, NCyTE Center visibility, and a growing cybersecurity community.

Over 450 institutions representing universities, colleges, high schools, and middle schools are NCyTE members.

[Join today!](#)



NCyTE YouTube Channel

Watch the latest video! Courtney Dodge and Mary Downes discuss how Microsoft is harnessing AI to build tomorrow's workforce. Microsoft has developed a robust program to upskill the workforce including a trainer toolkit, learning modules, a blog, and resources for educators.

[Visit the NCyTE YouTube Channel](#)

[View NCyTE Monthly Membership Meeting Info](#)

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The [National Cybersecurity Training & Education \(NCyTE\) Center](#) advances cybersecurity education in the U.S. by investing in technological innovation, resources, professional development and tools to support faculty, community colleges and the workforce pipeline of tomorrow.



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