

December 2024

# NCYTE insights

## NCyTE December Monthly Meeting



### Wrap Up the Holidays with a Sticker Heist Toolkit

December 20 | 9 am PST | Virtual

[Register Today!](#)

Join us for the December Monthly Meeting!

Who likes puzzles with mystery, intrigue, and cybersecurity challenges? Sticker Heist is a hands-on, minds-on game in which teams of students must solve multiple puzzles within a limited time to open a locked box of stickers. Mike Libassi, Kevin

"Casey" O'Leary, and Eric Renegar will share the success of Sticker Heist ([www.stickerheist.com](http://www.stickerheist.com)) and how you can apply it in your class.

**Professor Mike Libassi, Sc.D.**

Mike has over 20 years in the technology field. After eight years in the US Navy Mike started as a software tester and worked as software developer, application engineer, system administrator, capacity engineer and cybersecurity.

Mike holds a BS in Business Information Systems, MS in Computer Information Systems and Doctorate in Computer Science in Cybersecurity.

Mike currently is a full-time Professor at Sinclair College where he develops and teaches courses in cybersecurity and forensics. Mike also has done contract work in web vulnerability assessment, penetration, and mobile application testing.

**Kevin "Casey" O'Leary**

Project Manager – Computer Science and Information Technology - NSF Grant, Sinclair Community College, and Adjunct Professor, Criminal Justice Sciences, Sinclair Community College. Casey is a retired federal law enforcement officer and has conducted criminal and cyber investigations in the public and private sector. Casey holds a Master of Policy Management from Georgetown University.

**Eric Renegar**

Eric is a Professor of Information Technology with over 15 years of teaching experience. He holds a master's degree in information technology and many certifications in IT and Cyber Security. He is also an amateur radio operator, call sign KE8EMK.

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# Alumni Workforce Study

Graduated with a degree in cybersecurity or technology from a Center of Academic Excellence in Cyber Defense (CAE-CD)?

Support the community by participating in this national cybersecurity workforce study!

<https://www.research.net/r/NCyTE2024>

**AS**  
Associate  
Level

**MS**  
Master's  
Level

**BS**  
Bachelor's  
Level

**PhD**  
Doctorate  
Level

**NCyTE**  
CENTER  
National Cybersecurity Training & Education Center  
NSF Award #2054724



## Alumni Survey - Cybersecurity Employment Outcomes 2024

### Attention Cybersecurity Alumni!

Your input is needed for [NCyTE Center](#)'s National Cybersecurity Workforce Study. We are seeking survey responses from all CAE-CD programs, including associate degree, bachelor's, master's, & doctorate level.

[Survey](#)

The study has the potential to significantly impact the continuous improvement of our CAE-CD programs and the success of our students. By understanding the level of impact

between program experiences and career outcomes, we can tailor our efforts to provide an education that not only meets but exceeds the expectations and needs of our students and the cybersecurity workforce at large.



**CyAD 2025 Summit -  
Call for Proposals Now Open!**

The call for proposals for the third annual [Cybersecurity Across Disciplines \(CyAD\) Summit](#) hosted by the National Cybersecurity Training and Education (NCyTE) Center at Moraine Valley Community College (MVCC) is now open!

We want to hear your ideas and showcase them at this one-of-a-kind event. This is an exciting opportunity for educators, industry, 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):** Share insights, strategies, and practical applications that inform and engage the audience, with time for Q&A.

- **Panel Presentation (45 minutes):** Join with 2-4 speakers to explore a topic from multiple perspectives, followed by a moderated discussion and audience Q&A
- **Interactive workshops (1.75 hours):** Lead interactive, hands-on sessions that encourage deep engagement, with time for Q&A.

We encourage proposals that address the need for cybersecurity awareness and skills across the [CISA Critical Infrastructure sectors](#) and provide real-world examples of digital security integration across fields such as healthcare, manufacturing, automotive technology, and more. Proposals should involve collaboration between academic and industry partners within a specific discipline or from connecting or overlapping disciplines.

For complete proposal requirements and submission guidelines, please visit our [Call for Proposals webpage](#).

**Deadline:**

- Submission deadline: **Sunday, March 2, 2025**

[Submit Here!](#)

The [Cybersecurity Across Disciplines \(CyAD\) Summit](#) is being held on **June 24-25, 2025**, at [Moraine Valley Community College](#) in Palos Hills, IL. This event is hosted by the National Cybersecurity Training and Education (NCyTE) Center and Moraine Valley Community College and is grant funded by the National Science Foundation (NSF) and the Microsoft Accelerating Community College Cybersecurity Excellence (ACCCE) grant.

Visit our [CyAD webpage](#) for more information or to sign up to be notified when registration opens.

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**NCyTE Monthly Meeting:**

**Virtual Cybersecurity Career Challenge**

January 17 | 9 - 10 am PST | VIRTUAL

[Register Now!](#)

**Don't Miss the January NCyTE Monthly Meeting!**

Join us as Vincent Nestler introduces this year's Virtual Cybersecurity Career Challenge (VCCC), a ten-week program where students gain hands-on experience using their technical and soft skills. The VCCC has been a valuable opportunity for students to fulfill academic requirements, such as capstone projects and co-op credits.

The challenge kicks off on February 25—come to the meeting to learn more about how it can enhance your student's education and career prospects!

Students interested in participating in the VCCC are encouraged to attend.



### **Resolve to get published!**

JATE is seeking scholarly articles and manuscripts from educators, especially from our NCyTE ecosystem of community and technical college partners.

### **Topics that are covered:**

- Articles and short communication on many topics relevant to teaching and learning advanced technologies at all levels, including innovative pedagogical methods and related education research.
- Articles that demonstrate new educational activities, lab experiments, instructional methods and pedagogies that can be adopted in community college curriculum especially in technician training programs.
- Provide a resource for articles and related information as a resource to those in the field of advanced technological education, and to those institutes who serve them.

**Publishing formats:** JATE is published both online and in hardcopy editions.

**Publication frequency:** JATE has a rolling publication date for all reviewed/edited/revised and approved for publication manuscripts. The JATE hardcopy edition is available twice a year in July and October.

**Peer Review model:** JATE uses a single-blind peer-reviewed model. Reviewers do not know the names of the authors involved to avoid any potential conflicts of interest.

**Digital archive:** All previous articles can be found on the JATE website:  
<http://atejournal.org>

**Submissions:** JATE is currently using the Scholastica tool for intake and review of submissions. Create your Scholastica account or login at  
<https://app.scholasticahq.com/login> to make your submission today!

**Next submission deadline:** January 31, 2025

The J ATE Editorial Review Board look forward to receiving your scholarly works!

### **About J ATE**

The [Journal of Advanced Technological Education \(J ATE\)](#), launched in July 2021, is a peer-reviewed technical journal produced by the ATE community. J ATE is a platform for educators who are interested in teaching advanced technologies and technician education. This includes 2-year community college faculty, undergraduate researchers, STEM educators in grades K-12, university faculty, as well as industry personnel.

[Learn More!](#)



Choose Teaching as Your Cybersecurity Career Path

### **The National Community College Cybersecurity Fellowship Program Gets You There – Applications are Now Open!**

*Come explore the possibility of becoming a teacher in the community college space. Teachers, please consider hosting one of these fellows in a teaching assignment.*

Cybersecurity instructors are in demand across the nation! To address this need, the National Cybersecurity Training and Education Center's (NCyTE's) National Community

College Cybersecurity Fellowship Program prepares participants for a career path teaching cybersecurity in a community college setting.

Two options are available:

1. **Final-Year Students and Recent Graduates:** Open to college/university students in their final year of or recently graduated (within a year) from a bachelor's or master's degree program in cybersecurity or STEM fields.
2. **Industry Professionals and Former Military:** Open to industry professionals and former military with cybersecurity experience.

**The fellowship program includes several workshops designed to:**

- Kickstart your journey into the dynamic world of cybersecurity education
- Instill you with fundamental knowledge and skills to be an effective community college cybersecurity educator
- Understand classroom management, learning pedagogy, curriculum development, and cultivation of student workforce skills
- Use cybersecurity fundamentals or advanced technologies to create lesson plans, instructional materials, assessments and rubrics, and lab activities

Some workshop days are virtual; some are in-person at Moraine Valley Community College. Stipends are available to help with the cost of attendance.

Upon successful completion of all workshops, participants will be placed at a community college for a teaching assignment where they will perform 60 hours of service, lead at least one lesson, and provide the required deliverables as per a student teaching assignment agreement.

Fellows will be looking for placement for their teaching assignment in summer and fall 2025. If you are a cybersecurity instructor willing to host a fellow at your community or technical college, please fill out the form on either information page (links below).

For more information, application requirements, and submission details, please visit the following NCyTE webpages:

**Final-Year Students and Recent Graduates:**

<https://www.ncyte.net/students/student-resources/fellowship-program>

**Industry Professionals and Former Military:**

<https://www.ncyte.net/industry/industry-resources/faculty-fellowship-program>



**Become an NCyTE Member!**

Over 450 member institutions and growing.

[Become an NCyTE Member Today!](#)



## **NCyTE YouTube Channel**

### **Find recordings for all of NCyTE's 2024 monthly meetings!**

- November - Cybersecurity Career Awareness and Exploration
- October - Teach Cyber Today! Clark Center Resources
- September - User Privacy
- August - Cyber Security Evaluation Tool (CSET)
- July - Build a Cybersecurity Clinic: Enhance Community Cybersecurity and Train Cyber Leaders
- June - Bias Busters: Promoting Diversity in Cyber & Technology
- May - Integrating Zero-Trust Principles into IIoT Architectures for Enhanced Security
- April - Doubleheader: RAMPS NOFO & NICE Framework Revision
- March - AI's Impact on Cybersecurity Instruction & Work Roles
- February - AI Trainer Toolkit
- January - Virtual Cybersecurity Career Challenge

[NCyTE YouTube](#)

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## NCyTE CENTER

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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## Whatcom COMMUNITY COLLEGE

**NCyTE Center is located at:** Whatcom Community College, 237 W. Kellogg Road, Bellingham, WA, 98225  
Tel: (360) 383-3175 | Email: [ncyte@whatcom.edu](mailto:ncyte@whatcom.edu)

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