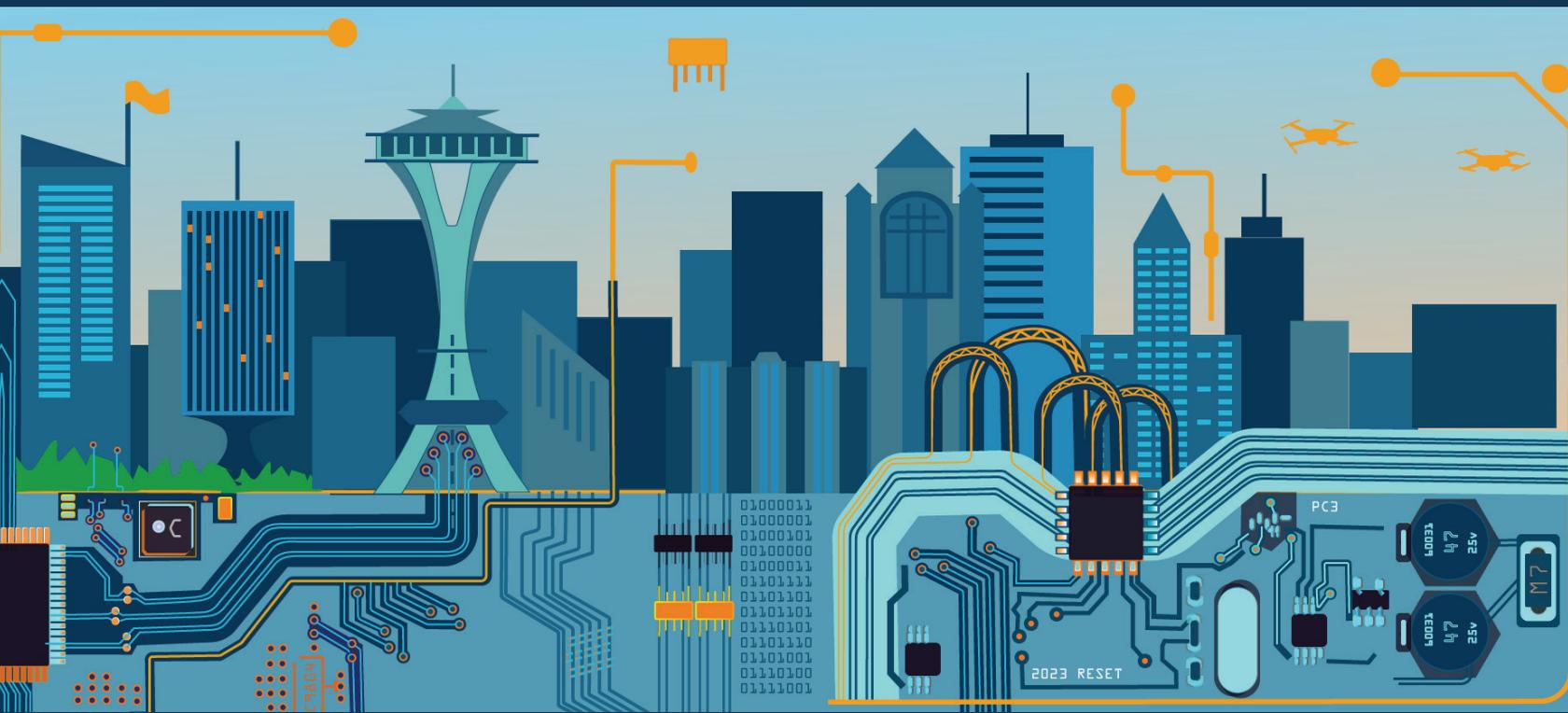


2023 CAE
IN CYBERSECURITY
COMMUNITY

10th

ANNUAL SYMPOSIUM
SEATTLE, WA



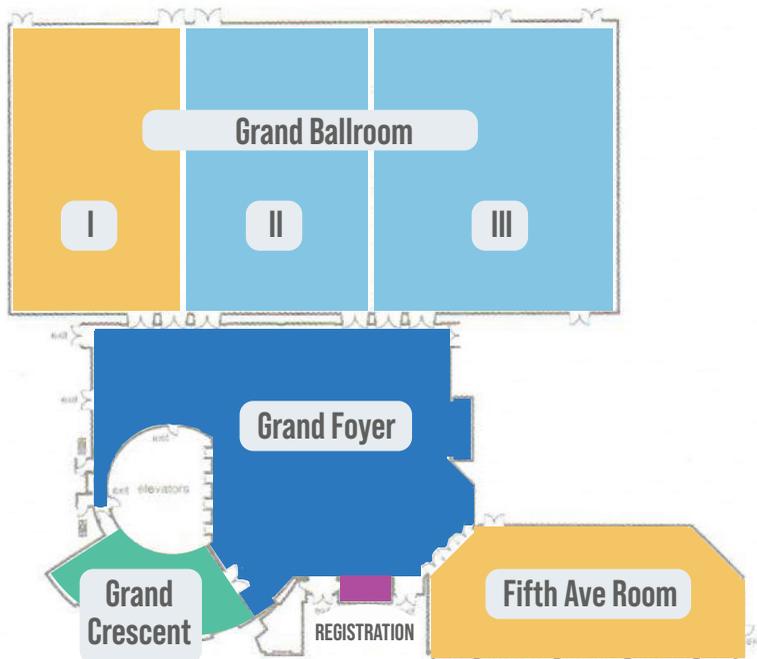
SCAN FOR DIGITAL EVENT SCHEDULE



THE WESTIN IN SEATTLE JUNE 8 - 9, 2023

Westin Seattle Event Map

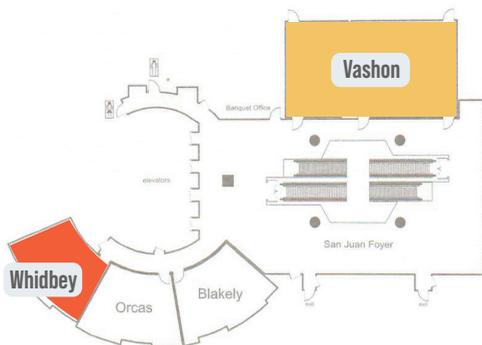
SOUTH TOWER 4th Floor - Grand Level



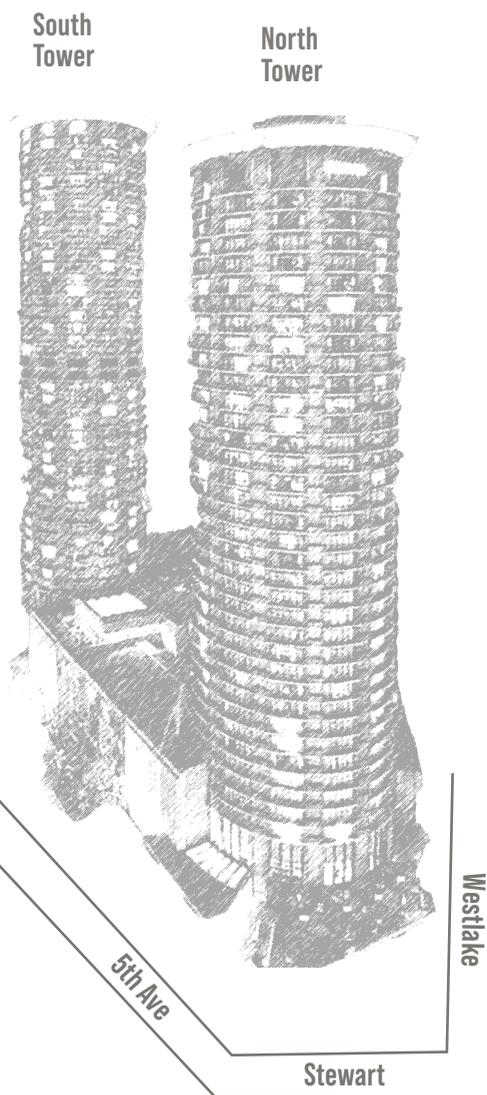
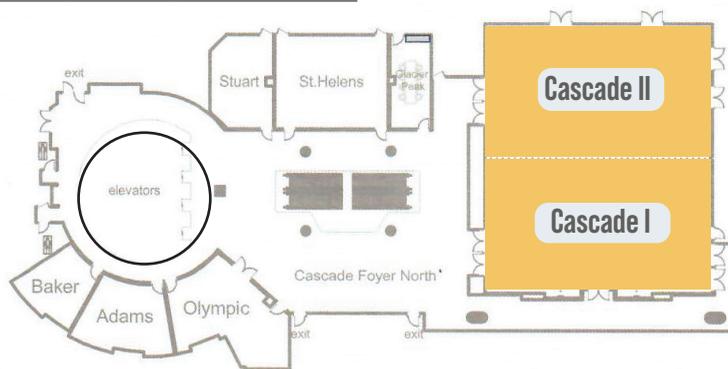
Floor Plans & Event Locations

- Registration
- Reception/Bufferet
- General Session
- CAE-CO Breakouts
- CAE-CD & CAE-R Breakouts
- CSUSB Green Room

SOUTH TOWER 3rd Floor - San Juan Level



SOUTH TOWER 2nd Floor - Mezzanine Level



1st Floor - Lobby Entrance

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Symposium Wifi Access:
Login to “westin_conference”
Enter Password “NICE2023”

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10-16	CAE-CD Presentation Schedule
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17	Symposium Survey
18-21	Symposium Sponsors
22-23	Downtown Seattle Map



Local Light Rail transportation just outside the hotel - See last page for routes and downtown map

Welcome to the Symposium

Message from the Community

Welcome to the 10th CAE Community Symposium! It's great to be together again.

In 2013, we hosted the first ever CAE Community Symposium funded by NSF and hosted by NIST. Put together in 3 weeks, this event gathered about 100 CAE points of contact to get together as colleagues, aiming to prepare the future cyber workforce. The first event demonstrated the potential of academic collaboration.

As the years progressed the CAE program grew. New faculty. New initiatives. New partners. New collaborations. Community Colleges and Universities demonstrating that academia can be nimble and creative. The CAE Community Symposium was designed to be informative and fun, and helped kick-start the NSA Knowledge Units, GenCyber, shared technologies, and cutting-edge curriculum. Our government partners from NIST, NSF, and NSA supporting all the way.

Here we are, 10 years later. 408 colleges and universities producing thousands of students each year. Communities of Practice in Cyber Defense, Research, and Operations elevating the potential of the entire cybersecurity workforce in conjunction with the NSA Program Office.

NCAE-C Historic Milestones



Welcome & Thank You



Lynne Clark

Deputy Chief of the Center of Education,
Innovation, and Outreach in NSA's
National Cryptologic School

Lynne Clark is the Acting Chief of the Center for Education Outreach and Innovation at the National Cryptologic School (A29), NSA. She has 45 years of combined military and civilian service. She received her Air Force commission in 1978, and joined the NSA in 1999.

Ms. Clark and her team manage CAE-C program office functions such as establishing and maintaining designation criteria, collecting and adjudicating designation applications, bringing new schools into the program, and, on behalf of DoD-CIO, managing the DoD Cyber Scholarship program. Ms. Clark facilitates partnerships with federal departments and agencies and represents the National Security Agency at meetings and events. Prior to this assignment, Ms. Clark was Deputy Chief of Workforce Resources, Education and Development for NSA's Information Assurance Directorate (IAD). This included responsibility to IAD's hiring and intern programs.

She is the recipient of the Meritorious Civilian Service Award, awarded the Joint Meritorious Unit Award twice for the IOSS special projects in support of the Department of Defense, and the National Intelligence Meritorious Unit Citation for support to the Intelligence Community.

Prior to her tenure at the IOSS, Ms. Clark served in the U.S. Air Force with worldwide assignments in airspace management, radar operations and operations in risk management. She spent eight years serving in NATO during the Cold War and during the Germany reunification. She was involved in the development of secure range operations for military RDT&E facilities, advised on risk management issues involved in the START and Open Skies treaties, and managed the Air Force OPSEC Program at the Pentagon. She retired at the rank of Lieutenant Colonel in 1999.

Ms. Clark's academic credentials include a Masters in Clinical Psychology from the Fielding Institute, and a B.A. in Community Development from Baldwin-Wallace College.



Tony Coulson, Ph.D.

CAE in Cybersecurity Community National Center

This has been a huge year for the CAE Community, now numbered at 408 community colleges and universities. Each year, the Centers of Academic Excellence in Cybersecurity Community (CAE-C) assembles to discuss the workforce problem as well as to discuss issues unique to our community, including faculty shortages, bridging the skill gap, and career pathways. The CAE Community is a critical resource in developing a capable cybersecurity workforce for both industry and government. Cybersecurity educators are facing demands from government and industry to produce more graduates to fill the current and future workforce needs, a mission we gladly accept. Thank you for your efforts in developing and nurturing the cyber students. There is still much work to be done but the fruit of your efforts will be felt for generations to come.

On behalf of the CAE in Cybersecurity Community,

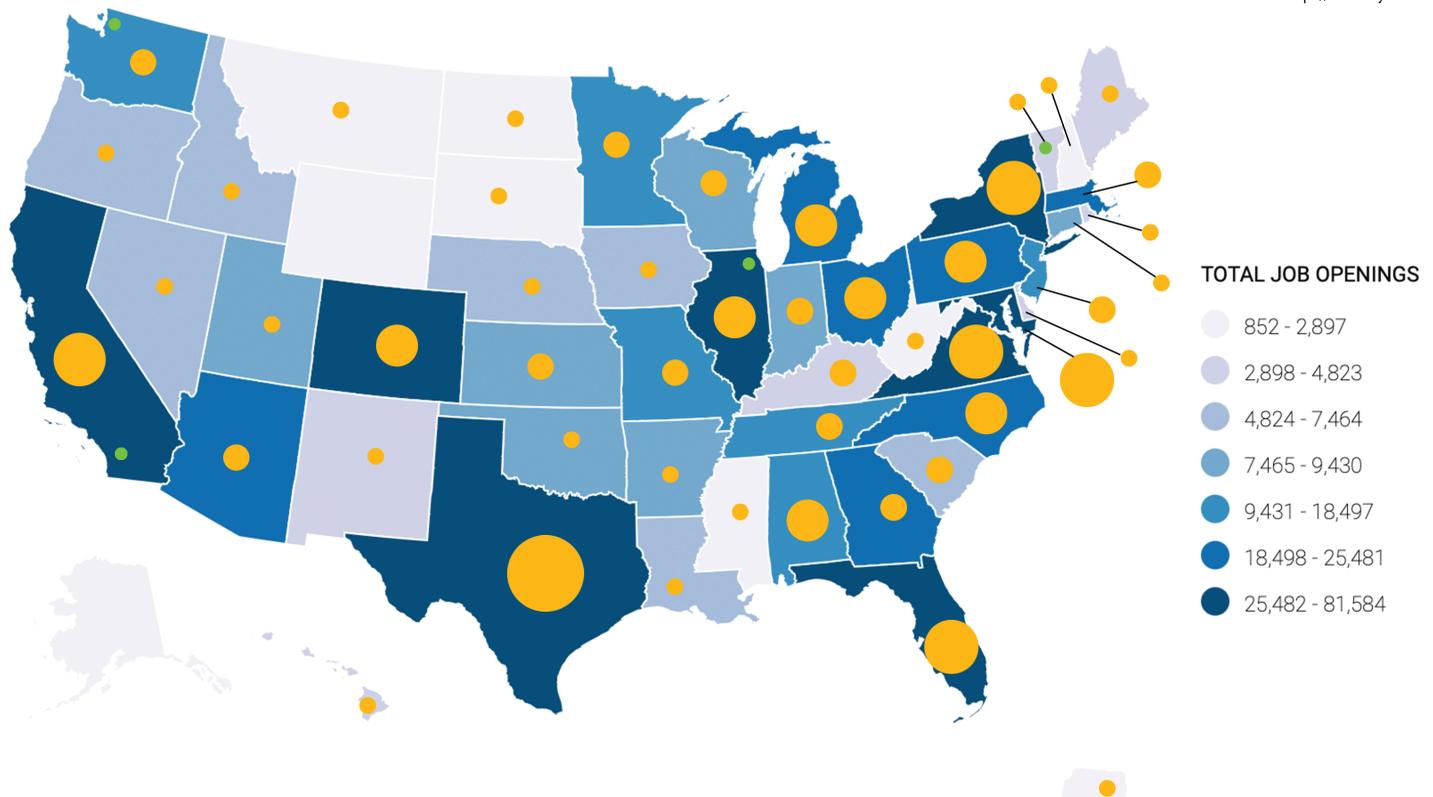
Tony Coulson, Ph.D.

A Decade of Expansion in the CAE-C



2023 National Cybersecurity Workforce Gap

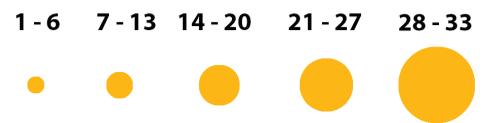
<https://www.cyberseek.org>



CAE-C National Community

The mission of the Centers of Academic Excellence in Cybersecurity (CAE-C) Community is to provide a constructive exchange of relevant information, ideas, and events by CAE Institutions including critical resources, research, and workforce development.

CAE-C DESIGNATED FACILITIES GROWTH



NCAE-C National Centers

- **CAE-C National Center:** California State University, San Bernardino, CA
- **Candidates National Center:** Whatcom Community College, WA
- **Career Preparation National Center:** Norwich University, VT
- **Education Pathways National Center:** Moraine Valley Community College, IL

Symposium Agenda

Pre-Registration

Wednesday, June 7, 2023 p.m.

2:00 - 7:00 pm

Early Registration

GRAND FOYER

DESIGNATION CEREMONY CHECK-IN

4:00 - 5:00 pm

Designation Ceremony

GRAND BALLROOM II & III

KEYNOTE SPEAKER, LYNNE CLARK
CISA, DR. ELIZABETH KOLMSTETTER
CERTIFICATE DISTRIBUTION

5:00 - 7:00 pm

CAE-C Community Mixer

GRAND FOYER

PRE-REGISTRATION NETWORKING RECEPTION, ICEBREAKERS,
MEET & GREET NEW CAES

Event Day 1

Thursday, June 8, 2023 a.m.

7:00 - 7:50 am

Registration Opens

GRAND FOYER

BREAKFAST ON YOUR OWN

8:00 - 8:15 am

Welcome & Logistics

GRAND BALLROOM II & III

10th Symposium Intro TONY COULSON & VINCENT NESTLER
ONCD DANIEL STEIN

8:15 - 9:45 am

PMO & Government Updates

GRAND BALLROOM II & III

LYNNE CLARK, DIBA HADI, MATTHEW ISNOR, RODNEY PETERSON,
AMBAREEN SIRAJ, ANASTACIA WEBSTER, DR. ELIZABETH KOLMSTETTER

10:00 - 10:40 am

NCAE-C National Centers Updates:

GRAND BALLROOM II & III

CAE-C Community - VINCENT NESTLER & KASANDRA ADAMS
Career Preparation - SHARON HAMILTON
Educational Pathways - JOHN SANDS
CAE Candidates - CORRINNE SANDE

10:40 - 11:00 am

NICE Challenge Project

GRAND BALLROOM II & III

JAMES ASHLEY

11:00 - 11:30 am

NCAE Competitions

GRAND BALLROOM II & III

JAKE MIHEVC

Event Day 1

Thursday, June 8, 2023 p.m.

11:30 am	Working Lunch SERVED AT YOUR TABLE	GRAND BALLROOM II & III	
12:00 - 12:45 pm	CAE-CD Presentations YAIR LEVY & ANNE KOHNKE KELLI BURGIN & ANNA CARLIN	GRAND BALLROOM II & III	
1:00 - 2:45 pm	CAE-CD PRESENTATIONS GRAND BALLROOM II & III	CAE-CD PRESENTATIONS GRAND BALLROOM I	
1:00 - 2:45 pm	CAE-CD PRESENTATIONS FIFTH AVENUE	CAE-CD PRESENTATIONS CASCADE I	CAE-CD PRESENTATIONS CASCADE II
1:00 - 2:45 pm	CAE-CO Cyber Operations PRESENTATIONS	GRAND CRESCENT	
3:00 - 4:30 pm	CAE-CD PRESENTATIONS VASHON	CAE-CD PRESENTATIONS GRAND BALLROOM II & III	CAE-CD PRESENTATIONS GRAND BALLROOM I
3:00 - 4:30 pm	CAE-CD PRESENTATIONS FIFTH AVENUE	CAE-CD PRESENTATIONS CASCADE I	CAE-CD PRESENTATIONS CASCADE II
3:00 - 4:00 pm	CAE-CO Cyber Operations PRESENTATIONS	GRAND CRESCENT	
4:35 - 5:00 pm	Closing Discussions VINCENT NESTLER & KASANDRA ADAMS	GRAND BALLROOM II & III	
5:00 - 7:00 pm	Sponsor Reception HEAVY HORS D'OEURVES	GRAND FOYER	
5:30 - 6:30 pm	Cyberbit	FIFTH AVENUE	



7:50 am	Wake up Call TONY COULSON	GRAND BALLROOM II & III
8:00 am	Working Breakfast BUFFET AVAILABLE STARTING 7:30 AM	GRAND BALLROOM II & III
8:30 am	CARD and CLARK SIDD KAZA & BLAIR TAYLOR	GRAND BALLROOM II & III
8:40 am	Keynote ONCD ALBERT PALACIOS	GRAND BALLROOM II & III
9:15 - 10:00 am	CAE Community SERVICE RECOGNITIONS	GRAND BALLROOM II & III
10:15 - 10:55 am	CAE-R INSuRe Faculty Panel SANJAY GOEL BILL HAYES BRIAN RICKS TONY COULSON	FIFTH AVENUE
10:15 - 11:15 am	CAE-CD Presentations WEI LI & XIUWEN LIU CHUTIMA BOONTHUM-DENECKE & IDONGESIT MKPONG-RUFFIN TOBI WEST	GRAND BALLROOM II & III
11:00 - 11:45 am	CAE-R Cyber Research POC MEETING	FIFTH AVENUE
11:15 - 11:55 am	CAE-CD Panel Discussion KIM MUSCHALEK JOHN SANDS STEPHEN MLLER JOHN ROBERTS	GRAND BALLROOM II & III
12:00 pm	Dismissal / Closing Remarks	GRAND BALLROOM II & III



CAE-CD Schedule

Thursday, June 8, 2023

GRAND BALLROOM II & III

4th Floor

Opening Meeting

12:00 -12:45 pm

CAE Community of Practice (CoP)-CD

25 MIN

YAIR LEVY, NOVA SOUTHEASTERN UNIVERSITY
ANNE KOHNKE, UNIVERSITY OF DETROIT MERCY

NCAE-C Student Code of Ethics and Professional Conduct

20 MIN

KELLI BURGIN, MONTREAT COLLEGE
ANNA CARLIN, FULLERTON COLLEGE

GRAND BALLROOM II & III

4th Floor

Thursday Block I

1:00 -2:00 pm

SESSION CHAIR
DIEGO TIBAQUIRA

National Cybersecurity Curriculum Task Force

10 MIN

CARA TANG, PORTLAND COMMUNITY COLLEGE

Helping to Increase the Numbers of Underrepresented Minorities in Cybersecurity

10 MIN

DIEGO TIBAQUIRA, MIAMI DADE COLLEGE

Beyond GenCyber: Promoting Diversity and Inclusion in Cybersecurity with an Effective Outreach Program

20 MIN

SANDRA LEITERMAN, UNIVERSITY ARKANSAS AT LITTLE ROCK

The Cybersecurity Workforce Challenge: Are Academically Qualified Faculty Members the Bottleneck?

20 MIN

DR. ANNE KOHNKE, UNIVERSITY OF DETROIT MERCY
DR. YAIR LEVY, NOVA SOUTHEASTERN UNIVERSITY

2:00 -2:45 pm

SESSION CHAIR
MICHAEL TU

RING - Introduction of Cybersecurity Curriculum into High Schools in Hawaii

20 MIN

DEBASIS BHATTACHARYA, UNIVERSITY OF HAWAII MAUI COLLEGE

Cybersecurity Leadership: Growing the Maconachy, Schou, Ragsdale (MSR) Model to Identify New Cyber Skills

20 MIN

DR. ERVIN FRENZEL, COLLIN COLLEGE

GRAND BALLROOM I 4th Floor Thursday Block I

1:00 -2:00 pm

SESSION CHAIR
FAISAL KALEEM

**Escaping the Mundane:
Gamifying Cyber Education with Escape Rooms**

20 MIN

JONATHAN KAMYCK, SOUTHERN NEW HAMPSHIRE UNIVERSITY

**Building a Winning Cyber Team:
Cracking the NSA Codebreaker Challenge**

20 MIN

CARLOS SAPIJASZKO & DARCEL FORD, STRAYER UNIVERSITY

**Mapping the Competitions Landscape
for the CAE Community**

20 MIN

JAKE MIHEVC, MOHAWK VALLEY COMMUNITY COLLEGE

2:00 -2:45 pm

SESSION CHAIR
KELLI BURGIN

Leveraging Professional Associations

10 MIN

ANNA CARLIN, FULLERTON COLLEGE

**Cybersecurity Pathways:
Report on a Systems Based Approach Through Mentoring**

10 MIN

LONNIE DECKER, DAVENPORT UNIVERSITY

**Impact of Generative Artificial Intelligence
on Cybersecurity Education**

10 MIN

DULAL CHANDRA KAR, TEXAS A&M UNIVERSITY - CORPUS CHRISTY

Navigating Work Skill Readiness Using ChatGPT

10 MIN

DR. RAM DANTU (ON BEHALF OF THOMAS MCCULLOUGH), UNIVERSITY OF NORTH TEXAS

FIFTH AVENUE 4th Floor Thursday Block I

1:00 -2:00 pm

SESSION CHAIR
DEANNE
CRANFORD-WESLEY

**Repair Broken Cybersecurity Hiring and Realistic
Job Requirements and Expanded Candidate Resources**

10 MIN

SANDRA BLANKE, UNIVERSITY OF DALLAS

Business and Industry Leadership Team (BILT)

10 MIN

GARY SPARKS, METROPOLITAN COMMUNITY COLLEGE, OMAHA

**Five Steps to Building Corporate Relationships,
Curriculum Collaboration and Customization**

20 MIN

MORGAN ZANTUA & AHREUM JU, CITY UNIVERSITY OF SEATTLE

**Establishing a Large-Scale, Dynamic Consortium
in Support of Cybersecurity Education**

20 MIN

WALEED FARAG, INDIANA UNIVERSITY OF PENNSYLVANIA

FIFTH AVENUE

4th Floor

Thursday Block I

2:00 - 2:45 pm

SESSION CHAIR
ANNE KOHNKE

Teaching with Cybersecurity Playable Case Studies

DEREK HANSEN, BRIGHAM YOUNG UNIVERSITY

20 MIN

Using Cyber Competitions to Bridge the Gap from Curriculum to Careers

DR. NELBERT "DOC" ST. CLAIR, COLLEGE OF COASTAL GEORGIA

20 MIN

CASCADE I

2nd Floor

Thursday Block I

1:00 - 2:00 pm

SESSION CHAIR
ANNA CARLIN

Cyberpreneurship: The Fusion of Cybersecurity and Entrepreneurship

SKIP BERRY, RIVERSIDE COMMUNITY COLLEGE

10 MIN

Ready for Work: Incorporating Experiential Learning into Degree Pathways

EDWARD VASKO, CISSP, BOISE STATE UNIVERSITY

20 MIN

A Platform for Aligning Classroom Assessments to Job Postings

DR. RAM DANTU, THE UNIVERSITY OF NORTH TEXAS

20 MIN

Building and Maintaining K-12 Pathways

ANDREW LUTZ, JOHNSON COUNTY COMMUNITY COLLEGE

20 MIN

2:00 - 2:45 pm

SESSION CHAIR
MICHAEL KELLY

Integrating CMMC into University Cybersecurity Curriculum

MATT PAULSON, WEBER STATE UNIVERSITY

20 MIN

Investing in and Expanding Student Development Programs

ISRAEL EMMANUEL, CENTURY COLLEGE

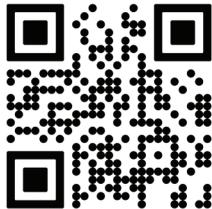
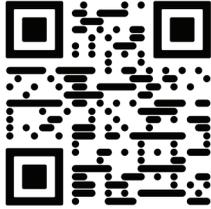
10 MIN

Secure Mission Control for Autonomous Underwater Swarms

XIUWEN LIU & MIKE BURMESTER, FLORIDA STATE UNIVERSITY

10 MIN

CASCADE II		2nd Floor	Thursday Block I
1:00 - 2:00 pm <small>SESSION CHAIR STAN MIERZWA</small>	Building the Cybersecurity Pipeline: K12 Cybersecurity Credit Transfer Agreement Development		20 MIN
	<small>DR. MICHAEL TU & MICHAEL SBALCHIERO, PURDUE UNIVERSITY NORTHWEST THOMAS (TONY) BROWN, FORSYTH TECH COMMUNITY COLLEGE</small>		
	Jumpstart Project at College for Southern Nevada		20 MIN
<small>MARGARET TAYLOR, COLLEGE OF SOUTHERN NEVADA</small>			
2:00 - 2:45 pm <small>SESSION CHAIR JAKE MIHEVC</small>	Best Practices in Cybersecurity Pathway Education: a 3-Year NSF-ATE Project		20 MIN
	<small>BEHZAD IZADI, CYPRESS COLLEGE</small>		
	Enhancing Advanced Cybersecurity Education through Inclusive, Engaging Pedagogy		20 MIN
<small>HARINI RAMAPRASAD, UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE</small>			
ChatGPT and AI Tools Impact on Cybersecurity Education			20 MIN
<small>ROBERT J. LOY, GRAND CANYON UNIVERSITY</small>			

VASHON		3rd Floor	Thursday Block II
3:00 - 4:00 pm <small>SESSION CHAIR: TOBI WEST</small>	Call for Curriculum: National Cybersecurity Task Force		30 MIN
	<small>CARA TANG, PORTLAND COMMUNITY COLLEGE</small>		
<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid #ccc; padding: 10px; text-align: center;"> <p>CALL FOR PROPOSALS: CURRICULUM DEVELOPMENT</p>  </div> <div style="border: 1px solid #ccc; padding: 10px; text-align: center;"> <p>RECON SURVEY FAVORITE FREE CURRICULUM</p>  </div> </div>			
Cyber Competitions: Launching a new CAE Faculty Colloboration: CAE-CD Community of Practice on Competitions			30 MIN
<small>JAKE MIHEVC, MOHAWK VALLEY COMMUNITY COLLEGE DAN MANSON, CAL POLY POMONA</small>			

CAE-CD Schedule

Thursday, June 8, 2023

GRAND BALLROOM II & III	4th Floor	Thursday Block II
3:00 - 4:00 pm SESSION CHAIR GRETCHEN BLISS	The Role of Cyber Defense Education: A Case Study of National Cyber League (NCL) Participation	20 MIN
	PING WANG, ROBERT MORRIS UNIVERSITY	
	Online Student Development in Cybersecurity using a Game Based Learning Pedagogy	20 MIN
	ALEKSEI WOLFF, PURDUE UNIVERSITY GLOBAL	
	Advanced Persistent Threats as Case Studies for Cybersecurity Education	20 MIN
	LI-CHIOU CHEN & JOSEPH ACAMPORA, PACE UNIVERSITY	
4:00 - 4:30 pm SESSION CHAIR DIEGO TIBAQUIRA	Critical Infrastructure Protection & Incident Response Training	20 MIN
	THOMAS GALLAGHER, UNIVERSITY OF MONTANA GRETCHEN BLISS, UNIVERSITY OF COLORADO SPRINGS	

GRAND BALLROOM I	4th Floor	Thursday Block II
3:00 - 4:00 pm SESSION CHAIR: STEPHEN MILLER	Assessing Cyber Competencies with Capstone Projects	10 MIN
	CHUCK BANE, UNIVERSITY OF SAN DIEGO	
	CAE-CD Rapid Training Program	20 MIN
	DIANNE BURKE, MISSOULA COLLEGE UNIVERSITY OF MONTANA	
	Gacho Security Operation Center = Internship	20 MIN
	MARTIN BENCIC, GLENDALE COMMUNITY COLLEGE	
	Partnership with Vendors	10 MIN
	ALBERT TAY, BRIGHAM YOUNG UNIVERSITY	
4:00 - 4:30 pm SESSION CHAIR: SANDRA BLANKE	University of Memphis - Student Research Projects	10 MIN
	TONY PINSON, UNIVERSITY OF MEMPHIS	
	Increase Enrollment by Raising Standards	20 MIN
	SUSAN FRANK, SUFFOLK COUNTY COMMUNITY COLLEGE	

FIFTH AVENUE	4th Floor	Thursday Block II
3:00 - 4:00 pm SESSION CHAIR: GREG LAIDLAW	InDeMASS: An AI-Enabled Knowledge Guided Framework for Realizing In-Depth Malware Analysis at Scale	20 MIN
	XIUWEN LIU, FLORIDA STATE UNIVERSITY	
	Evolving Undergraduate Cybersecurity Programs to Counter Evolving Cyber Threats: Integration of Malware Analysis	20 MIN
	MATTHEW A. CHAPMAN, UNIVERSITY OF HAWAII WEST OAHU	
	Container-based Ethical Application Hacking Hands-on Labs	20 MIN
	PHU PHUNG, UNIVERSITY OF DAYTON	

CASCADE I	2nd Floor	Thursday Block II
3:00 - 4:00 pm <small>SESSION CHAIR ANNE KOHNKE</small>	Evidencing Competencies through Cyber Competitions	20 MIN
	<small>JAKE MIHEVC, MOHAWK VALLEY COMMUNITY COLLEGE DAN MANSON, CAL POLY POMONA</small>	
	High-Skilled Aviation and Aerospace Cybersecurity Workforce Development	20 MIN
	<small>RADU BABICEANU, EMBRY-RIDDLE AERONAUTICAL UNIVERSITY - DAYTONA BEACH CAMPUS</small>	
	Cloud-based Intelligent Classification and Active Defense Approach for IoT Security	20 MIN
	<small>PRASAD CALYAM, UNIVERSITY OF MISSOURI-COLUMBIA</small>	
4:00 -4:30 pm <small>SESSION CHAIR MICHAEL TU</small>	Revolutionizing Education with ChatGPT and Generative AI	10 MIN
	<small>DAVID BREEDING, EAST COAST POLYTECHNIC INSTITUTE, ECPI UNIVERSITY</small>	
	Secure Flash - Lattice of Trust	20 MIN
	<small>VIJAY ANAND, UNIVERSITY OF MISSOURI, ST. LOUIS</small>	
CASCADE II	2nd Floor	Thursday Block II
3:00 - 4:00 pm <small>SESSION CHAIR JIM POARCH</small>	The NCAE Cyber Games Platform and You!	20 MIN
	<small>JAMES RICE, MOHAWK VALLEY COMMUNITY COLLEGE</small>	
	Student Perception of Cyber Resilience vs Prevention	10 MIN
	<small>FRANK H. KATZ, GEORGIA SOUTHERN UNIVERSITY</small>	
	Making Cybersecurity Work Roles More Attractive with Music: Aligning Music to Cyber	10 MIN
	<small>STAN MIERZWA, KEAN UNIVERSITY</small>	
	Public Infrastructure Security Cyber Education Systems (PISCES)	20 MIN
	<small>ERIK FRETHEIM, WESTERN WASHINGTON UNIVERSITY</small>	
4:00 -4:30 pm <small>SESSION CHAIR JAKE MIHEVC</small>	Creating Cybersecurity Discussions: The Good, the Bad, and the Engaging!	10 MIN
	<small>CATHERINE SEAVER, EXCELSIOR UNIVERSITY</small>	
	Alumni Relations and Involvement	20 MIN
	<small>ISRAEL EMMANUEL, CENTURY COLLEGE</small>	

CAE-CD Schedule

Friday, June 9, 2023

GRAND BALLROOM II & III

4th Floor

Friday Block I

10:15 - 11:15 am

CAE-CD Community Outreach Competition: Two Years Experience

20 MIN

WEI LI, NOVA SOUTHEASTERN UNIVERSITY
XIUWEN LIU, FLORIDA STATE UNIVERSITY

A Collaborative Case Study: Increasing Undergraduate Research in Cybersecurity at HBCUs

20 MIN

CHUTIMA BOONTHUM-DENECKE, HAMPTON UNIVERSITY
IDONGESIT MKPONG-RUFFIN, FLORIDA A&M UNIVERSITY

Cybersecurity Employment Outcomes of Two-Year College Alumni

20 MIN

TOBI WEST, COASTLINE COLLEGE

11:15 - 12:00 pm

CTE CyberNet: Strengthening the Nation's Cyber Workforce

45 MIN

KIM MUSCHALEK, SAN ANTONIO COLLEGE
DR. STEPHEN MILLER, EASTERN NEW MEXICO UNIVERSITY - RUIDOSO
DR. JOHN SANDS, MORAIN VALLEY COMMUNITY COLLEGE
JOHN ROBERTS, LUMINARY LABS

CAE-R Schedule

Friday, June 9, 2023

FIFTH AVENUE

4th Floor

Friday Block I

10:15 - 10:55 am

INSuRE Faculty Panel

SANJAY GOEL, SUNY ALBANY
BRIAN RICKS, UT DALLAS
BILL HAYES, UNIVERSITY OF ARIZONA
TONY COULSON, CSUSB

11:00 - 11:45 am

CAE-R PoC Meeting

Symposium Survey



Help us assess this year's event.

5 Minute Survey to provide Feedback on the Symposium



Thank you for attending the 2023 CAE in Cybersecurity Symposium. We would like your feedback regarding your experience to help identify areas of improvement for next year's symposium. The purpose of this study is to evaluate this year's CAE in Cybersecurity Community Symposium for assessment, development, and improvement. We welcome your thoughts, feelings, and experiences regarding the event. We expect your participation to take about 5 minutes. Please understand that participation is completely voluntary. Your decision whether or not to participate

will in no way affect your current or future relationship with the CAE in Cybersecurity Community. You have the right to withdraw from this survey. You also have the right to refuse to answer any question(s) for any reason, without penalty. Your individual privacy will be maintained in all publications or presentations resulting from this study. All information you provide will remain confidential and will be kept secure. If you have any questions or would like additional information about this survey, please contact info@caecommunity.org.



Calling for Your Event Content

WHAT'S GOING ON AT YOUR CAE-C SCHOOL?

The community is eager to hear about the exciting things your CAE-C institution is doing!

SCAN THE QR CODE TO GET STARTED



Main Sponsor

A baseball player in a dark blue uniform with yellow accents is captured in a batting stance. The bat is glowing with orange and yellow flames, and a baseball is visible in the air to the right. The background is dark with some light effects.

ARE YOUR CYBERSECURITY STUDENTS **WORKFORCE READY?**

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Visit us @CAE Symposium Expo

www.cyberbit.com



Symposium Sponsors

NCyTE CENTER

National Cybersecurity Training & Education Center



SCAN ME

Subscribe to NCyTE's monthly newsletter to find out about upcoming events, new curricular resources, recent news, professional development opportunities, and more.



Want to learn more about NCyTE's resources? Visit www.ncyte.net to explore curriculum, upcoming events and membership information.



Have questions or comments? Email ncyte@whatcom.edu.

The National Cybersecurity Training and Education (NCyTE) Center is an ATE National Center hosted at Whatcom Community College, Bellingham, WA.

NCyTE strives to expand the cybersecurity workforce by building educational pathways, developing leading-edge curriculum, cultivating industry engagement and career opportunities, and supporting faculty and leadership development in cybersecurity education.

The National Cybersecurity Training and Education Center is funded by the National Science Foundation grant #2054724.

NCyTE is hosted at Whatcom Community College, Bellingham, WA 98226 | (360) 383-3175



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students

Increase percentage of students securing graduate roles in cybersecurity



enrollment

Steadily grow enrollment in cybersecurity courses year on year



grade points

Boost grade point averages for students

Interested in learning how we can do the same for you? Visit hackthebox.com to discover more.

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EC-COUNCIL | ACADEMIA

EC-Council Academia Partnership Is Free for Any Accredited Academic Institution.

Our partnership offers cost-effective, authorized learning resources for enrolled students to properly prepare themselves for EC-Council exams, and ultimately their careers after graduation.

Offering valuable benefits and resources to help you grow your Cybersecurity programs

-  Faculty Scholarships for Professional Development
-  Significant Student Courseware and Voucher Discounts
-  MOOC courses across Network Defense, Ethical Hacking, and Digital Forensics
-  Capture-The-Flag (CTF) Competitions and Events
-  Accredited by ANAB, ACE, U.S. DoD, and more
-  Flexible programs, Lesson Plans, and Syllabi

DoD Approved



C|ND Certified Network Defender
C|EH Certified Ethical Hacker
C|HFI Computer Hacking Forensic Investigator
C|CISO Certified Chief Information Security Officer

MOOC-Model Courses

N|DE Network Defense Essentials
E|HE Ethical Hacking Essentials
D|FE Digital Forensics Essentials

To connect with an Academic Specialist to discuss your program, please contact us at ace-support@eccouncil.org or at **1.844.HACK.CEH.**



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BENEFITS TO NATIONAL CENTERS OF ACADEMIC EXCELLENCE

Over 150 CAEs have established EC-Council Academia partnership across the United States. As a function of the EC-Council Academia Partner program, several extended benefits and advantages will be available for CAEs starting June 1st, 2023.

Turnkey academic programs that map to industry certifications

DoD Approved



CND
Certified Network Defender

CEH
Certified Ethical Hacker

CHFI
Computer Hacking Forensic Investigator

CCISO
Certified Chief Information Security Officer

EC-Council Academia Partner Benefits



Automatic exam eligibility for qualifying students



Academic discounts towards eBooks, Labs, exam prep, and exam vouchers



Access to MOOC courses including the Essentials Series



Faculty certification scholarships and discounted exam vouchers (1 per calendar year)



Complimentary evaluation resources for faculty members



Certification logo and trademark use under brand guidelines

Extended Benefits for CAEs

Discounted vouchers for qualifying students **up to 80%** off list rates

One free retake with the purchase of an exam voucher (Up to 90 days from the date of a failed attempt)

Free exam prep with the purchase of an eBook and lab bundle (E.g. NDE, EHE, DFE, CND, CEH, CHFI)

Unlimited faculty scholarships (Full-time faculty – ECC exam onsite)

Discounts **up to 50% off** for employee and IT Administrator certification bundles

Official web page listing as an EC-Council Academia Partner

To connect with an Academic Specialist to discuss your program, please contact us at **ace-support@eccouncil.org** or at **1.844.HACK.CEH**



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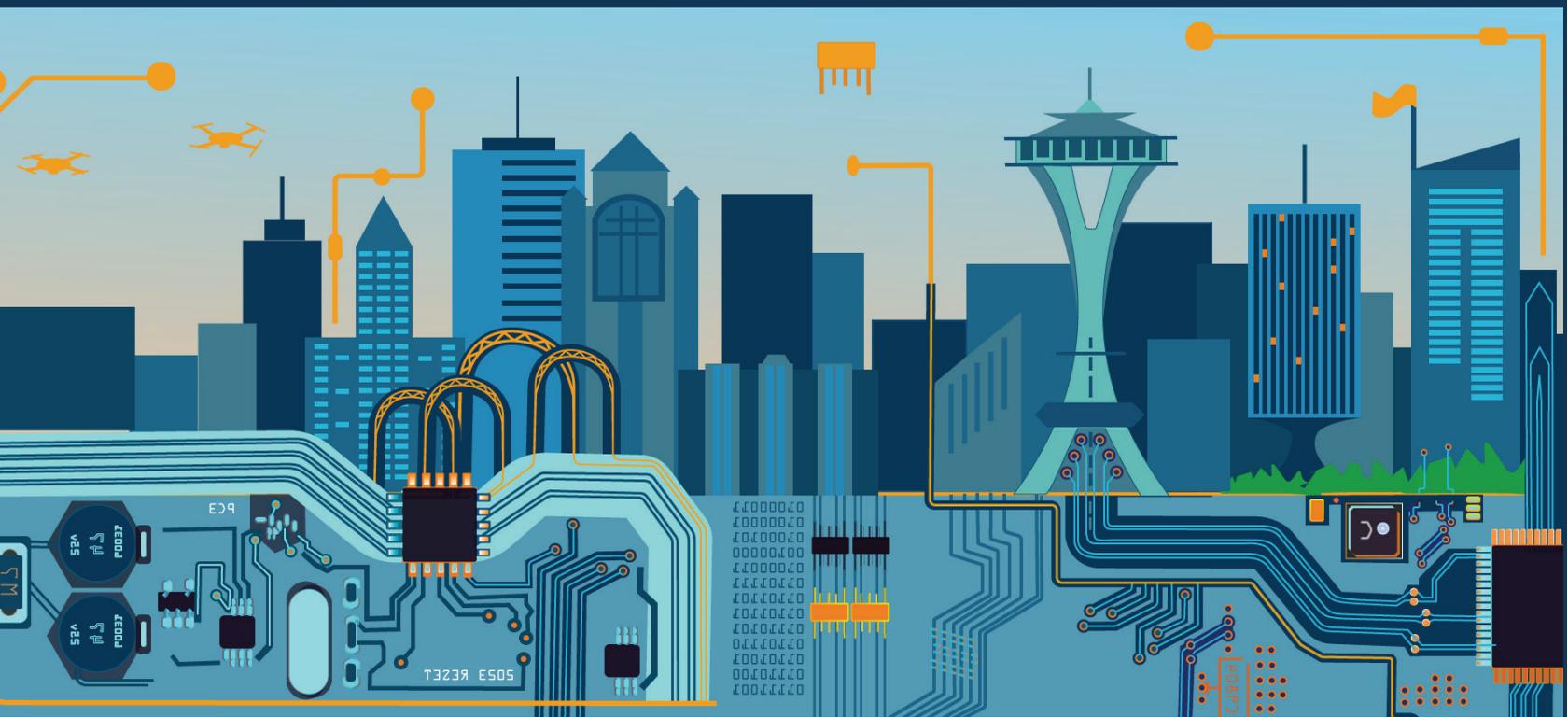
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