



CAE-CD Community Outreach Competition: Four Years of Experience

Wei Li, Nova Southeastern University
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CAE-CD Community Outreach Competition

- The CAE-CD Community Outreach Competition Committee was established by the CAE Community of Practice (CoP) – Cyber Defense (CD)
 - To encourage and promote cybersecurity awareness and online safety practices by taking advantage of the cybersecurity outreach CAEs do throughout the year
 - To maximize the impacts of the CAEs on the community
 - To strengthen the collaborative relationships among their member institutions
- Initially motivated by the October cybersecurity awareness month





Criteria and Rules

- Impact Measures
 - Factors that are considered here include: (1) the number of groups and organizations that are being impacted, (2) the total number of attendees, (3) the durations and frequencies of the events, and (4) effectiveness of outreach materials.
- Effort Measures
 - Factors that are considered here include: (1) evidence of CAEs to promote and engage in the outreach events, (2) total number of outreach events provided in the CAEs, and (3) Level of CAE resources and dedicated effort to coordinate, plan, execute, and follow through with the activities.
- Spectrum of participants



Submission Procedures

- Since the 2022 cycle, we have developed an online website using Quadrics Survey
 - It allows the CAEs to submit their materials online, including uploading a spreadsheet and a supporting document in addition to other essential information
 - The committee is constantly improving the website



CAE Community of Practice Cyber Defense - CAEs Community Outreach Competition

The CAE Outreach Committee of the National Centers of Academic Excellence in Cybersecurity (NCAE-C) Community of Practice - Cyber Defense (CoP-CD) is pleased to have the competition for the calendar year 2024 efforts. This portal is for each CAE to submit the activities for its outreach efforts and their supporting documents. Please note the outreach efforts must be efforts to populations outside each CAE institution; **the efforts to other departments and an institution's own students and employees do not qualify and such efforts must be excluded.** For award criteria and rules, please see <https://www.caecommunity.org/community-of-practice/cyber-defense>. This portal will remain open until Feb. 15th, 2025. For technical issues or resubmission requests, please email Xiuwen Liu at liux@cs.fsu.edu or Wei Li at lwei@nova.edu.

First name

Last name

Email address



Submission/Evaluation Timeline & Outreach Competition Committee

- Timeline
 - Solicitation: mid-November till January of next year
 - Submission: early January till mid-February
 - Evaluation: mid-February till early March
- Outreach competition committee members
 - Promoting outreach activity submissions among CAEs, especially those in the member's CAE state
 - Reviewing submitted documents from CAEs.
 - Attending Outreach committee meetings in February March to score, rank, and decide the awards
 - We had strong teams!!



Committee Members

- CAE-CD Community Outreach Competition Initiative web page
 - <https://www.caecommunity.org/community-of-practice/cyber-defense/cae-cd-community-outreach-competition-initiative>
 - Rules, criteria, and submission guidelines
 - The committee members
 - Top teams
 - Complete list of submissions
- 2024 Award Committee
 - Xiuwen Liu, Florida State University, Award Committee Co-Chair
 - Wei Li, Nova Southeastern University, Award Committee Co-Chair
 - Bei-Tseng Chu, University of North Carolina at Charlotte
 - Michael Kelly, Community College of Rhode Island
 - Stanley Kostka, Moraine Valley Community College
 - Stanley Mierzwa, Kean University
 - Idongesit Mkpong-Ruffin, Florida Agricultural & Mechanical University
 - Mandy Reininger, Chemeketa Community College
 - Michael Tu, Purdue University Northwest



Committee members for the past 3 years

2021	2022	2023
Xiuwen Liu Florida State University, Award Committee Co-Chair Wei Li Nova Southeastern University, Award Committee Co-Chair Bei-Tseng Chu University of North Carolina at Charlotte Shannon Clark University of Colorado, Colorado Springs Glenn Dietrich University of Texas at San Antonio Sidd Kaza Towson University Stanley Kostka Moraine Valley Community College Mandy Reininger Chemeketa Community College	Xiuwen Liu Florida State University, Award Committee Co-Chair Wei Li Nova Southeastern University, Award Committee Co-Chair Bei-Tseng Chu University of North Carolina at Charlotte Glenn Dietrich University of Texas at San Antonio Michael Kelly Community College of Rhode Island Stanley Kostka Moraine Valley Community College Stanley Mierzwa Kean University Mandy Reininger Chemeketa Community College Michael Tu Purdue University Northwest Steve Weldon Augusta University	Xiuwen Liu Florida State University, Award Committee Co-Chair Wei Li Nova Southeastern University, Award Committee Co-Chair Bei-Tseng Chu University of North Carolina at Charlotte Glenn Dietrich University of Texas at San Antonio Michael Kelly Community College of Rhode Island Stanley Kostka Moraine Valley Community College Stanley Mierzwa Kean University Mandy Reininger Chemeketa Community College Michael Tu Purdue University Northwest



Committee Portal

- We have developed a protected web site where the committee members can view or download the submissions
- After the members have reviewed the submissions, they submit their initial results
- The results will be aggregated
- The committee meets and deliberates to reach consensus

CAE CoP Outreach Competition Submission Summary Table for Year 2024

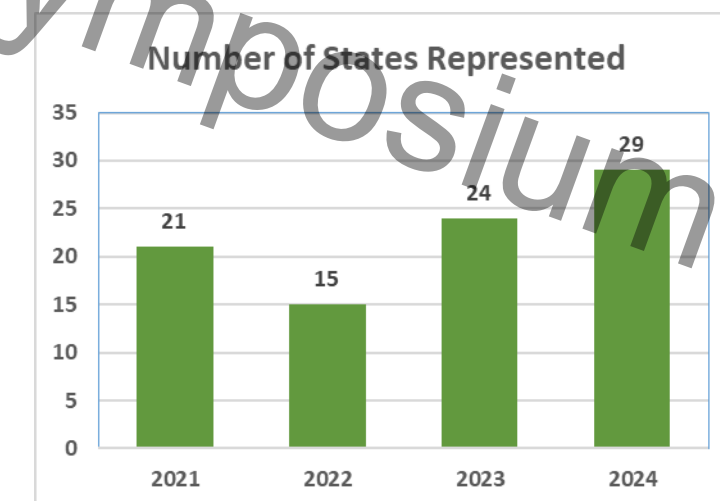
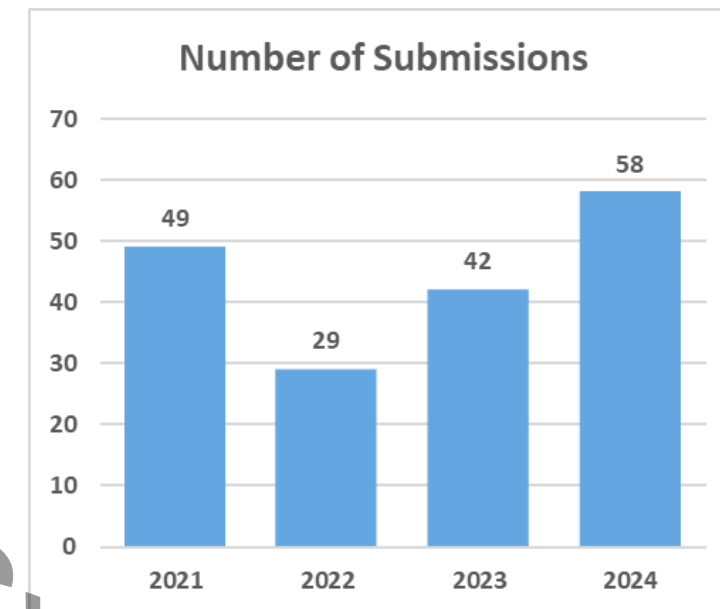
Note to the CAE CoP Outreach Competition Award Committee Members: Thank you again for your support and help. If any of the links are broken, please text Xiuwen Liu at (850)980-5438 for immediate attention; you can also email him at xliu@fsu.edu and he will get back to you as soon as possible. If you prefer to download all the spreadsheets as a single zip file, please download [All Spreadsheets as a zip file](#). The criteria and rules can be found [The Criteria and Rules](#), which is available from [CoP Web Site](#) as well.

CAE Full Name	Firstname	Lastname	Email	Number of Events	People Reached	Spreadsheet	Supporting Document(s)
Assumption College	Raymond	Albert	rt.albert@assumption.edu	1	30	Spreadsheet	Supporting Doc(s)
Bismark State College	Nicklos	See	nicklos.see@bismarckstate.edu	5	172	Spreadsheet	
Purdue University Northwest	Michael	Tu	tu15@pnw.edu	11	4834	Spreadsheet	Supporting Doc(s)
Rowan College	Anthony	Haddad	ahaddad@rcsj.edu	1	70	Spreadsheet	Supporting Doc(s)
Kean College	Stan	Mierzwa	smierzwa@kean.edu	6	1040	Spreadsheet	Supporting Doc(s)
Tallahassee State College	Charles	Cadenhead	charles.cadenhead@tsc.fl.edu	4	630	Spreadsheet	
North Carolina Central University	Deanne	Cranford-Wesley	dcranfor@ncsu.edu	11	1367	Spreadsheet	Supporting Doc(s)
Michigan Technological University	Yu	Cai	cai@mtu.edu	22	10457	Spreadsheet	Supporting Doc(s)
University of Colorado at Colorado Springs	Mary Ann	Tillman	mtillman@uccs.edu	86	12723	Spreadsheet	Supporting Doc(s)
University of Puerto Rico	Jose	Ortiz	jose.ortiz23@upr.edu	1	55	Spreadsheet	Supporting Doc(s)
United States Naval Academy	Dennis	Dias	dias@usna.edu	1	990	Spreadsheet	Supporting Doc(s)
Webster University	Jason	Dill	dillj@webster.edu	1	90	Spreadsheet	Supporting Doc(s)
Loyola University Chicago	Eric	Chan-Tin	dchantin@luc.edu	2	126	Spreadsheet	Supporting Doc(s)
State University of New York at Buffalo	Shambhu	Upadhyaya	shambhu@buffalo.edu	9	275	Spreadsheet	Supporting Doc(s)
State University of New York at Buffalo	Shambhu	Upadhyaya	shambhu@buffalo.edu	9	275	Spreadsheet	Supporting Doc(s)
Mississippi Gulf Coast Community College	Jamie	Gruich	james.gruich@mgccc.edu	12	149	Spreadsheet	Supporting Doc(s)
Purdue University Northwest	Michael	Tu	tu15@pnw.edu	11	4834	Spreadsheet	Supporting Doc(s)
Bowie State University	Jie	Yan	jyan@bowiestate.edu	4	145	Spreadsheet	Supporting Doc(s)
Tarrant County College	Robert	Harris	robert.harris429@tccd.edu	2	51	Spreadsheet	Supporting Doc(s)
Community College of Rhode Island	Mike	Kelly	kelly@ccri.edu	11	1419	Spreadsheet	Supporting Doc(s)
Temple University	David	Lanter	david.lanter@temple.edu	15	293	Spreadsheet	
University of Advancing Technology	Brandi	Beals	bbeals@uat.edu	17	493	Spreadsheet	
Nova Southeastern University	Yair	Levy	levyy@nova.edu	5	563	Spreadsheet	Supporting Doc(s)
University of West Florida	Eman	El-Sheikh	eelsheikh@uwf.edu	97	4993030	Spreadsheet	Supporting Doc(s)
Wayne Community College	Randy	Wilhide	rjwilhide@waynecc.edu	4	138	Spreadsheet	Supporting Doc(s)
Indiana University of Pennsylvania	Waleed	Farag	farag@iup.edu	27	991	Spreadsheet	Supporting Doc(s)
Western Illinois University	Tahir	Khan	tm-khan@wiu.edu	8	86	Spreadsheet	
University of North Carolina at Wilmington	Ulku	Clark	clarku@uncw.edu	27	1116	Spreadsheet	Supporting Doc(s)
University of Memphis	Tony	Pinson	tgpinson@memphis.edu	5	323	Spreadsheet	Supporting Doc(s)
Alamo Colleges District	Deborah	Nielsen	dnielsen6@alamo.edu	12	356	Spreadsheet	
Wilmington University	James	Fraley	james.b.fraley@wilmu.edu	8	1575	Spreadsheet	Supporting Doc(s)



Some “Big Data”

- The number of submissions has generally increased each year, with 2024 having the highest total (58).
- Expanding interest across institutions and states
- Consistent participating states: North Carolina, Florida
- Consistent participating institutions:
 - Forsyth Technical Community College
 - Loyola University Chicago
 - Murray State University
 - University of Colorado at Colorado Springs
 - University of West Florida





Lessons Learned

- Solicitation
 - We need better ways to reach out and motivate CAEs
- Submission
 - Templates for list of activities and supporting documents
 - Online submission portal
- Evaluation
 - Quantification of measures/criteria
 - More objective evaluation
- Distribution of workload
 - More volunteers needed for the outreach committee



What We Need from the CAE Community

- More engagement with the non-CAE community
 - Different sectors
 - K-12 education/Governments/Local community/Industry/Non-CAE institutions
 - Be creative
 - Online vs. on-site interactions
 - Funded vs. non-funded
 - Span of efforts
- Documentation of efforts
 - Online data repository
 - Documents with details
 - Collection of supporting documents
- SHOWCASE YOUR COMMUNITY OUTREACH ACTIVITIES ON A NATIONAL PLATFORM!
 - Acknowledging for your efforts
 - Motivating other CAEs
- Some reminders
 - Show *Supporting documents (!)*
 - Provide complete information: online portal and the spreadsheet
 - Compile your activities while preparing your annual CAE report



Questions and further information

- The CAE-CD Outreach Competition Committee
 - Dr. Xiuwen Liu, Florida State University (Co-Chair)
 - Email: liux@cs.fsu.edu
 - Dr. Wei Li, Nova Southeastern University (Co-Chair)
 - Email: lwei@nova.edu
- The Community of Practice (CoP) Cyber Defense (CD) Committee
 - Dr. Yair Levy, Nova Southeastern University (Co-Chair)
 - Email: levyy@nova.edu
 - Dr. Anne Kohnke, Conkey Strategic Solutions, LLC (Co-Chair)
 - Email: akohnke@conkeyss.com



2025 CAE Community Symposium

Questions? Comments?

Thank you!!