

## Women in CyberSecurity (WiCyS) **Global Nonprofit Organization**

### Lynn Dohm **WiCyS Executive Director**

@lynn\_dohm lynn@wicys.org



Recruit, RETAIN and Advance women in cybersecurity.

WOMENIN CYBERSECURITY WiCys Out

WiCyS is a 501c3 nonprofit organization with global reach dedicated to bringing together women in cybersecurity from academia, research and industry to share knowledge, experience, networking and mentoring.



## **WiCyS Board Members**

## **WiCyS Board Members**



**DR. JANELL STRAACH** Chair of The Board



DR.AMBAREEN SIRAJ Founder



**DR. COSTIS TOREGAS** Treasurer



**ALLISON MILLER** UnitedHealth Group/Optum





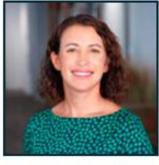
MARIAN MERRITT Cybersecurity Leader



NOUREEN NJOROGE Nike, INC.



**PRAJAKTA JAGDALE** Palo Alto Networks



SARAH MORALES Google





DR. DAWN M. BEYER Lockheed Martin Space



**DIANA KELLEY** Protect AI



QURATULANN (ANNIE) JAMSHED **JPMorganChase** 

# WiCyS Staff WiCyS Staff



LYNN DOHM Executive Director



MICHELE TOMASIC Deputy Director



MARY JANE PARTAIN Program Director



ADAEZE UDOH

Program

Coordinator



CAMERON MITCHELL External Relations Manager



HILARY GEORGE Program Coordinator



MORGAN GARLAND Board Liaison



PETER BALDWIN Chief Financial Officer



QUIANA OATES Program Manager



QUINTANA PATTERSON Cybersecurity and Technology Manager











COLLEEN HUBER Marketing Manager



DANIELLE STRIMBU Executive Assistant



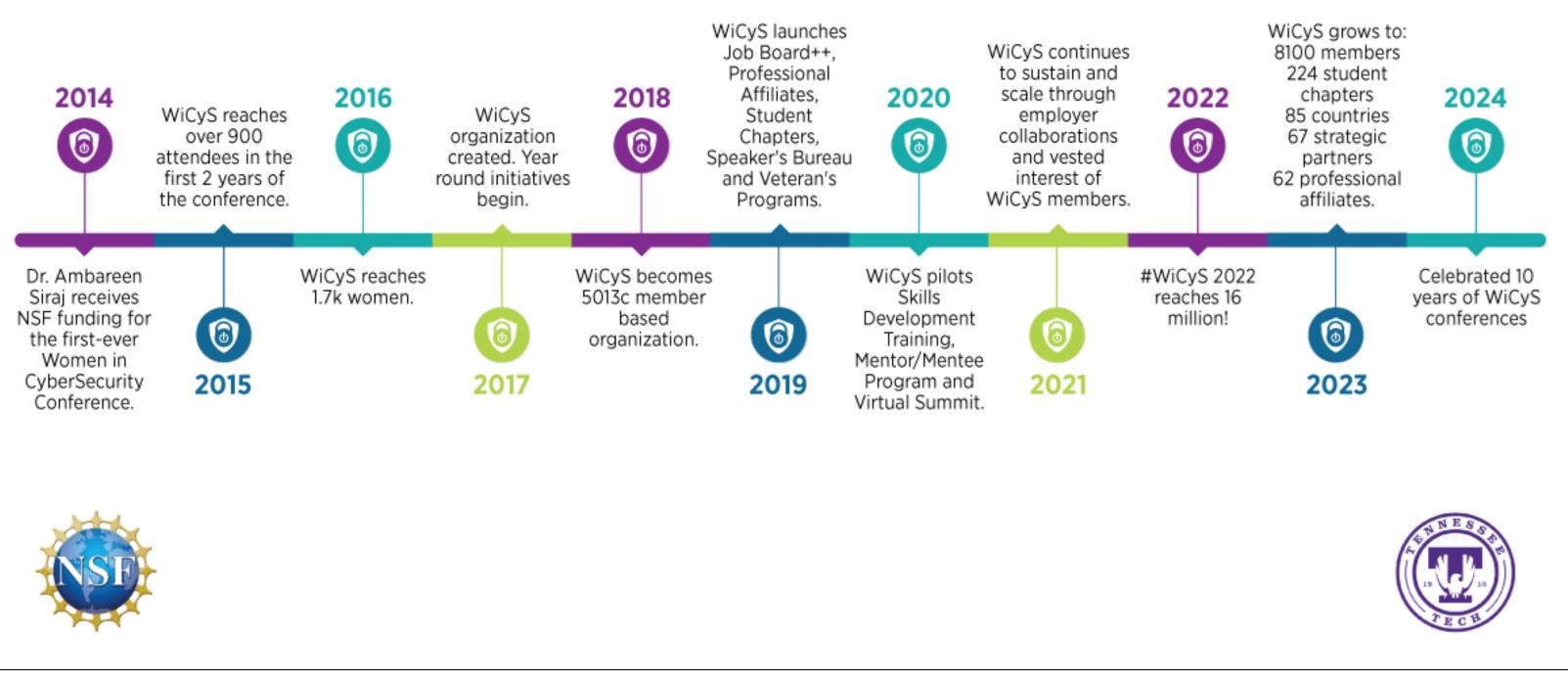


ROSALIE OLMSTED Strategic Partner Coordinator



SARAH PORTER Affiliate Manager

# **WiCyS Timeline**











## 11% Women in Cybersecurity

Unfilled Cybersecurity Roles

Unfilled Cybersecurity Roles

\*ISC2 2024 CyberSecurity Workforce Study







### Women in Cybersecurity

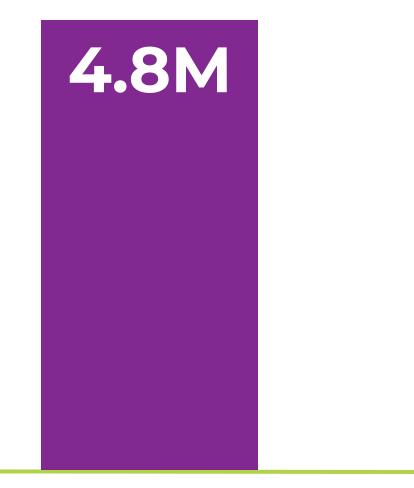


## The global cybersecurity workforce gap continues to increase



2022 2024 CyberSecurity Workforce Study











2014

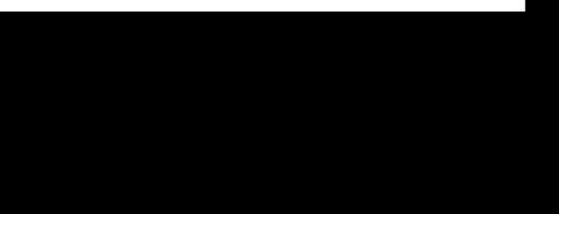
## How it started

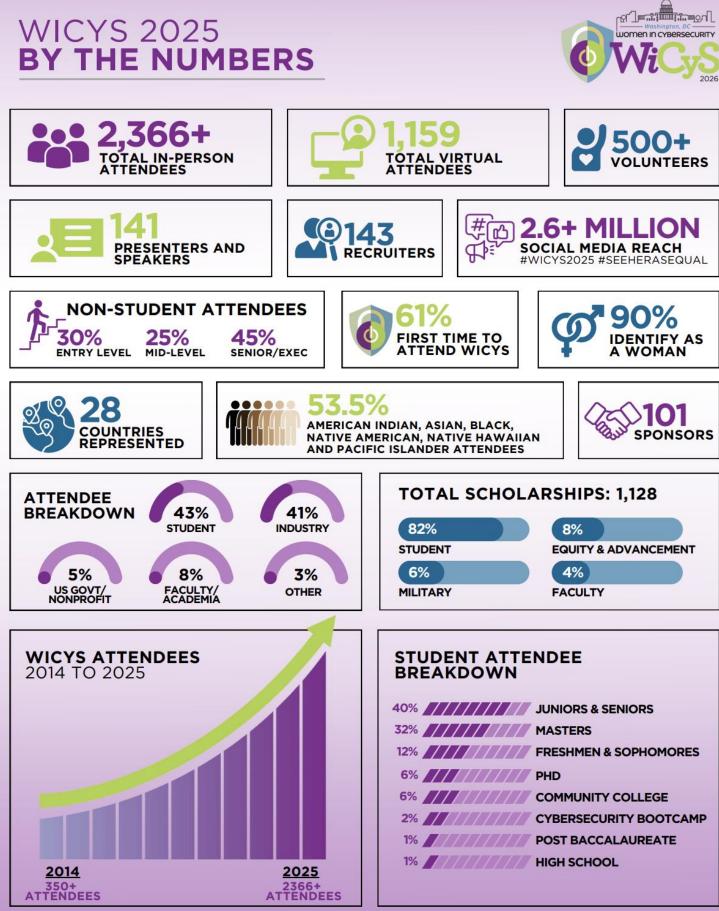


## How it's going



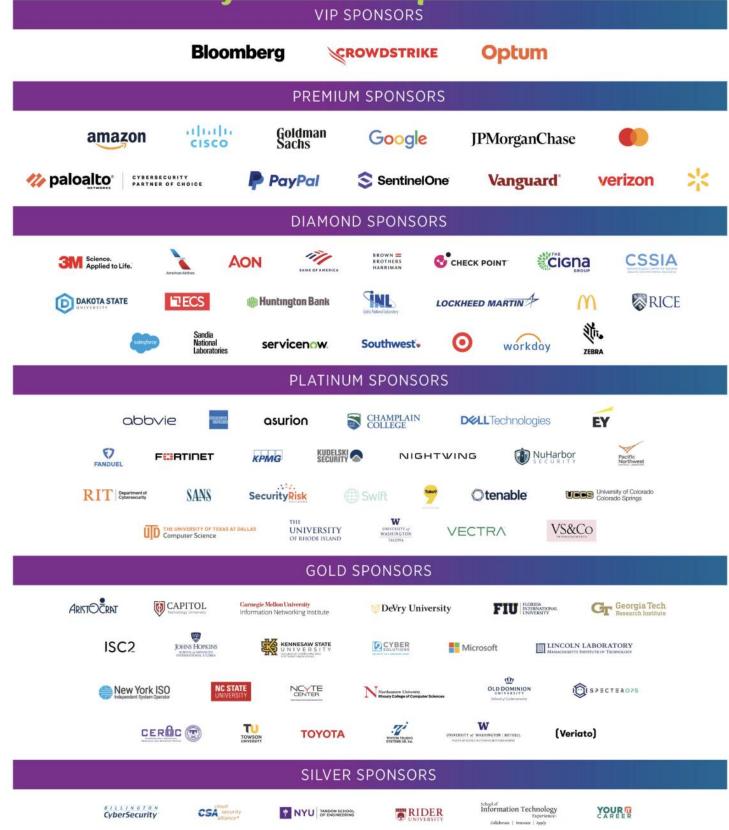
2025







### THANK YOU TO OUR 2025 **Conference Sponsors**





# WiCyS Mission:

Help build a robust cybersecurity workforce by facilitating... RECRUITMENT RETENTION **ADVANCEMENT** for women in the field



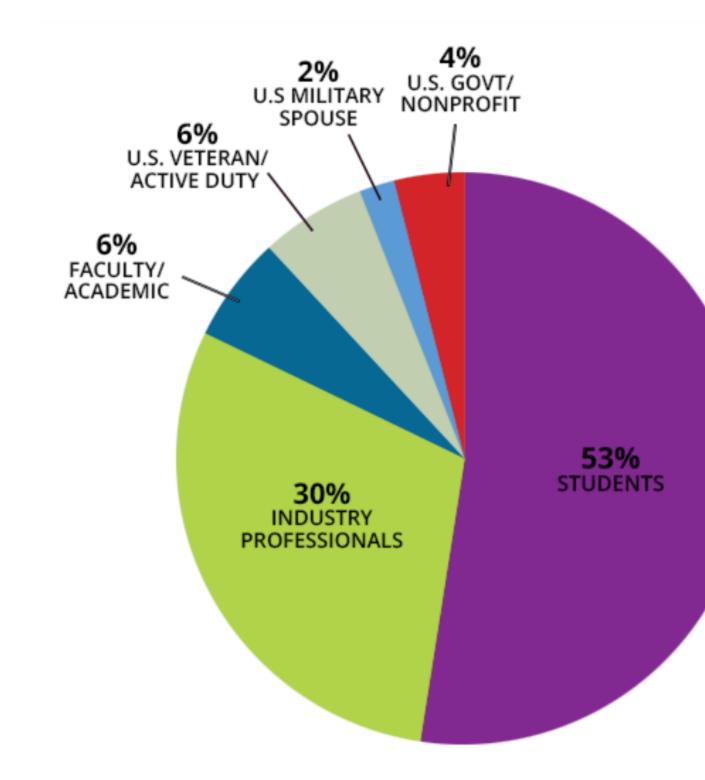








## WiCyS Members: 10.9K (as of 6.1.2025)





# WiCyS Membership Map

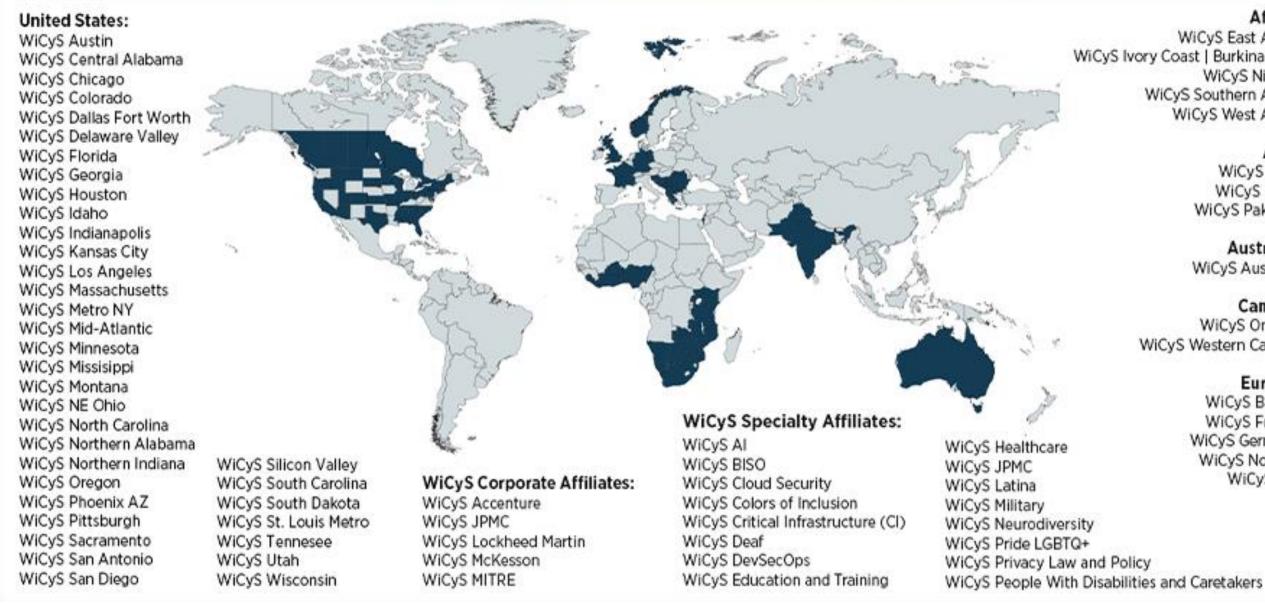


Albania, Algeria, Andorra, Argentina, Armenia, Australia, Austria, Azerbaijan, Bahamas, Bahrain, Bangladesh, Barbados, Belgium, Benin, Botswana, Brazil, Bulgaria, Burkina Faso, Cambodia, Cameroon, Canada, Colombia, Costa Rica, Cote d'Ivoire, Croatia, Czechia, Denmark, Dominican Republic, Egypt, Estonia, Fiji, Finland, France, Georgia, Germany, Ghana, Greece, Guadeloupe, Guam, Guatemala, Hungary, India, Indonesia, Iran, Islamic Republic of, Ireland, Israel, Italy, Jamaica, Japan, Jordan, Kazakhstan, Kenya, South Korea, Latvia, Liberia, Luxembourg, Malawi, Malaysia, Mauritania, Mauritius, Mexico, Myanmar, Nepal, Netherlands, New Zealand, Nigeria, Norway, Oman, Pakistan, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Portugal, Puerto Rico, Qatar, Romania, Saudi Arabia, Senegal, Serbia, Sierra Leone, Singapore, Slovenia, South Africa, Spain, Sri Lanka, Sweden, Switzerland, Tanzania, Thailand, Trinidad and Tobago, Tunisia, Turkey, Uganda, Ukraine, United Arab Emirates, United Kingdom, United States, Zambia, Zimbabwe





# WiCys WiCys Professional Affiliates



### https://www.wicys.org/initiatives/affiliate-and-industry/





Africa:

WiCyS East Africa WiCyS Ivory Coast | Burkina Faso WiCyS Nigeria WiCyS Southern Africa WiCyS West Africa

> Asia: WiCyS India WiCyS Israel WiCyS Pakistan

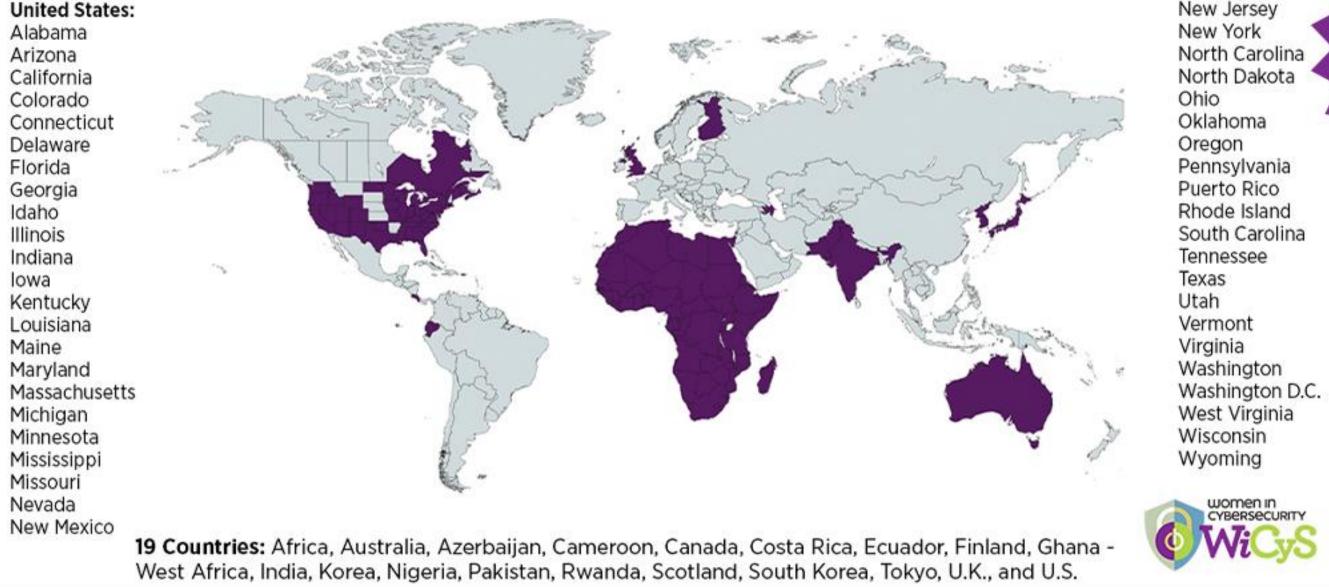
Australia: WiCyS Australia

Canada: WiCvS Ontario WiCyS Western Canada

> Europe: WiCyS Balkan WiCyS France WiCyS Germany WiCyS Norway WiCyS UKI



## WiCyS Student Chapters



### https://www.wicys.org/initiatives/student-chapters/





315 WiCyS Student Chapters

# WOMEN IN CYBERSECURITY INITIATIVES



WOMEN IN CYBERSECURITY

Early Career Mid Career Senior Career

### MEDIA

Newsletters

Speakers Bureau

Speaking Engagements

### **EVENTS**

Annual Conference Regional Affiliate Events Virtual Conference Webinars



### CAREER RESOURCES

**Career Fairs** 

Career Growth Hub

Conference Scholarships & Grants

JobBoard++

Research & Resources

Resume Reviews

## COMMUNITY

11K+ Members

Affiliates

Board of Directors

Committees

Mentorship

Mission Support Team

Online Member Platform

Senior Leaders Network

> Student Chapters

# ARTIFICIAL **INTELLIGENCE**

WiCyS AI Learning Series

## WORKFORCE DEVELOPMENT

Mid-to-senior Professionals

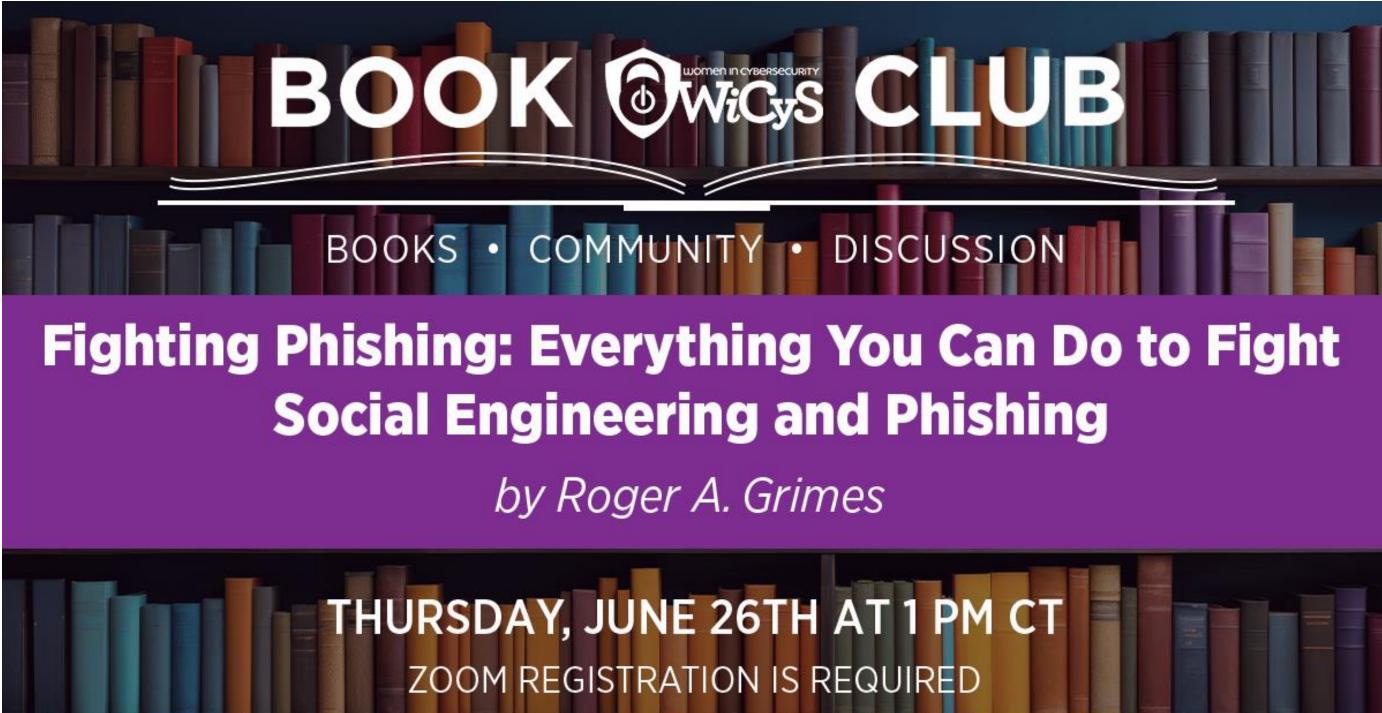
Program Runs: May 6 - July 15

In partnership with WiCyS AI Affiliate

https://www.wicys.org/benefits/ai-learning-series-program/







<u>https://www.wicys.org/resources/wicys-book-club-corner/</u>



# **Create** Your LEADING EDGE for mid-career members



Leadership Development **Professional Growth** Career Advancement

Program Runs: August 7 - October 23

<u>https://www.wicys.org/benefits/create-your-leading-edge/</u>





# **Google Cybersecurity Certificate**

## **SELF-LED PROGRAM**

### Applications Open: February 12 - February 26 Program Runs: March 10 - September 15

<u>https://www.wicys.org/benefits/google-cybersecurity-certificate-program/</u>







# COHORT 2

Public Speaking Fellowship

FOR MID-TO-SENIOR LEVEL PROFESSIONALS

### Applications Open: June 23 - July 15 | Program Runs: August 7 - September 11

https://www.wicys.org/benefits/stage-ready-public-speaking-fellowship/





# **STAGE READY**

# VULNERABILITY **DISCLOSURE PROGRAM**



Identify, Report, and Remediate **Cybersecurity Vulnerabilities Open to All Experience Levels** 

Applications Open: May 5, 2025 | Program Runs: June 2, 2025 - June 1, 2026

https://www.wicys.org/benefits/vdp/







Mentor/Mentee Infrastructure Sponsored by:



# WiCyS MENTORSHIP PROGRAM

https://www.wicys.org/initiatives/mentor/mentor-mentee-program/







### https://www.wicys.org/benefits/security-training-scholarship/

Microsoft

Optum



Google

LOCKHEED MARTIN



SentinelOne

## WiCyS Security Training Scholarship Program

Since 2020, the WiCyS Scholarship program impact is as follows:

- 4,600 WiCyS members participants in CTF
- 360 GIAC Certifications
- 258 Advanced Training Scholarships Awarded
- 100% career placement for graduates within
  12 months of program completion
- Website Views: 280.5K+



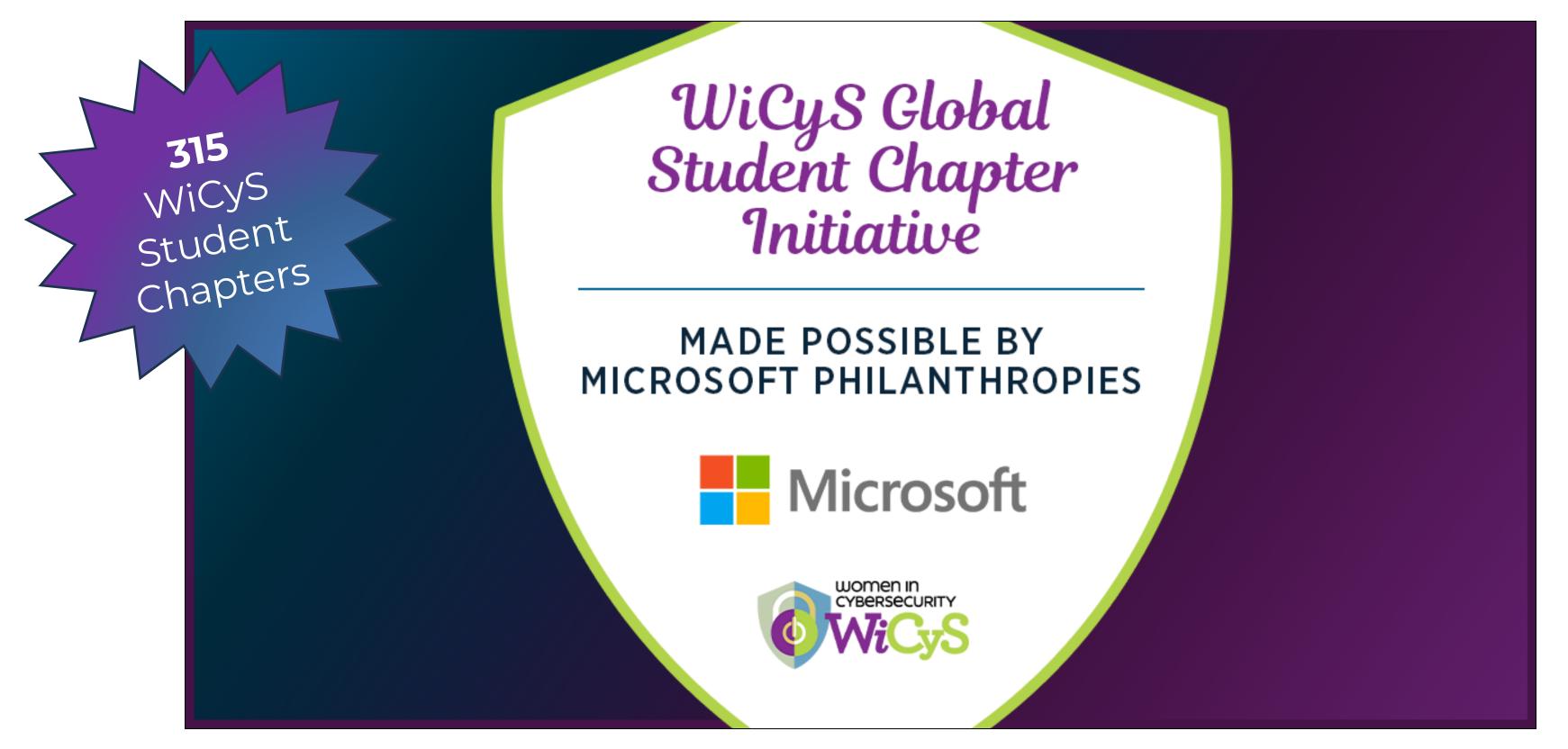




The WiCyS Security Training Scholarship experience has been unlike anything I have experienced in my life. I have gained an incredible support system, and access to hundreds of resources, and have the honor of taking classes with SANS, the most respected cyber training program in the world. This opportunity has given me a clear path forward to enter the field with confidence knowing that I will not be on this journey alone.

## -Lauren Guitterez





https://www.wicys.org/initiatives/wicys-global-student-chapter-initiative-made-possible-by-microsoft-philanthropies/



## Special Thanks

### WICYS STRATEGIC PARTNERS





## **INCLUSIVE LANGUAGE**

Language is used every day without truly understanding the whole meaning of the phrases or the origins of our words. In recent years, there has been an increased awareness in the United States to understand better the phrases we use and how they have impacted marginalized communities today. Various industries are introducing inclusive language for their cybersecurity teams to transition to and incorporate in their roles.

This inclusive language resource is an ongoing document drafted by the WiCyS Racial Equity Committee for others to share with their cybersecurity teams. This collective effort will help shape the industry into one we can all be proud of as we move forward together.

### COMMONLY USED:

### CHANGE TO:

Master Slave Blacklist Whitelist White board Whitebox testing Blackbox testing Master Git branch Scrum Master Sanity-check Crazy ex. "crazy outliers in the data" Master Black Belt (Six Sigma) (You) guys Man Hours ex. "how many man hours..." Man a booth, man a table, manpower Chairman Grandfathered Blackhat hacker Whitehat hacker Native feature Man-in-the-middle DMZ Blackhole Blackout Application whitelisting Gray hat White-hat Handicapped

Lead, Primary, Original Follow, Secondary, Replica Deny list, Blocklist Allow list, Approved list **Collaboration board, Ideation, Brainstorm Open Testing Closed Testing** Main, Production, Release, Live branch Scrum Lead/Manager **Check for completeness and clarity** Baffling ex. "baffling outliers in the data" Six Sigma Expert You all, team, folks Hours ex. "how many hours..." Staff a booth, staff a table, workforce Chair of the board Exempt, rollover **Unethical hacker** Ethical hacker **Built-in** On-path Perimeter network Process vacuum or sinkhole Power failure or power loss Application control Semi-authorized Authorized or legal or ethical Impeded





Inclusive mentors are necessary to cultivate the space of respect and growth for women in cybersecurity to advance in their careers. Within the WiCyS Mentoring Cohort program. inclusive mentors selflessly commit their time, attention and focus on their mentee's success. WiCvS provides a curriculum that focuses on interpersonal and intrapersonal skills critical to gain influence in the workforce. The cohort and inclusive mentors provide the heart and soul.

Create a safe space: Inclusive Mentors enter the space of the cohort with an understanding that everyone is always working and growing personally and professionally (including themselves). They ensure that non-judgment, equity and allyship are exhibited throughout their sessions and lay the foundational groundwork of mutual respect.

Don't impose your views: Inclusive Mentors take the time to relate to the mentee and find commonalities in interests and perspectives. They respect their mentees' points of view and celebrate the uniqueness of any differences.

Listen and facilitate: Inclusive Mentors are facilitators of the mentor/mentee cohort conversation. They listen, pay attention and take notes while honoring everyone's unique experiences. Through genuine interest and curiosity, inclusive mentors are the conduit to the cohort and help establish long-term sustainable relationships amongst the cohort participants. The goal is not to advise but to facilitate productive conversations.

Trust before everything else: Inclusive Mentors bring out the best in their mentees by establishing trust. Trust-building takes time but every step counts along the way. Inclusive mentors use preferred pronouns, pronounce names correctly and identify if someone would like to be addressed otherwise. They devote their time and attention to building trust and never deviating.

Engage everyone: Inclusive Mentors pay attention and are equitable to all mentees within the cohort. They listen, allow equal speaking time, and minimize their own speaking time. Inclusive mentors never cut anyone off and encourage others to share their experiences in the conversation.

Be authentic and vulnerable: Inclusive Mentors are authentic about their professional growth by sharing the grit and the glory (when appropriate). Inclusive mentors show up with their guard down; they leave judgment at the door and open up to vulnerability themselves. They acknowledge the power of navigating through the sometimes confusing cybersecurity career ecosystem and honor the journey along the way.

CELEBRATE: Inclusive Mentors celebrate their mentee's personal and professional wins and recognize accomplishments along the way. They are their mentee's #1 champions and through these celebratory actions, encourage all mentees to champion one another throughout the program and in ongoing friendships.

TOGETHER. WE THRIVE! This document provided through contributions of the WiCyS Racial Equity Committee and WiCyS Mentor/Mentee Committee

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of the WiCyS Racial Equity Committee



## **INCLUSIVE MENTORING**

### SEVEN STEPS FOR INCLUSIVE MENTORING

- Create a safe space
- Don't impose your views
- Listen and facilitate
- Trust before everything else
- Engage everyone
- Be authentic and vulnerable
- CELEBRATE!!!!

www.wicys.org



### **HOW TO BE AN ALLY FOR** WOMEN IN CYBERSECURITY

### Allyship is empathy in action.

As allies, we learn about people's unique experiences, show empathy for them, and take action in support.

The following are essential actions for WiCyS allies to practice at our events, in your workplace, and in your communities.

### HOW TO BE AN ALLY IN 5 STEPS

- Learn, unlearn, relearn
- Do no harm
- Advocate for people
- Stand up for what's right
- Lead the change

Learn, unlearn, relearn. As allies, we build understanding and show empathy for women in cybersecurity. We pay attention to women's ideas. We seek to learn more about their unique identities and experiences. We also practice humility and recognize where we might have more to learn. We are open to unlearning what we thought we knew and relearning with a new perspective.

Do no harm. As allies, we work to ensure we are not harming people through acts of exclusion like biases and microaggressions. We pause and check our assumptions before we speak or act. We avoid centering our own experiences as the norm. We also move past any fears we might have to take action as allies.

Advocate for people. As allies, we are mentors, sponsors, and champions for the women around us. We open our networks, lend our power and influence, and give women new opportunities. We counter exclusion by actively showing we trust women, growing their confidence, and amplifying their voices and ideas.

Stand up for what's right. As allies, we intervene when we witness biases, microaggressions, or other harm toward a woman. We interrupt interruptions, make space for women in conversations, and pause to acknowledge harmful words and actions. Rather than shaming, we call people in to learn, creating a safe space for everyone to grow.

Lead the change. As allies, we model allyship and encourage other people to become allies. We investigate our day-to-day work and take action to become more equitable, inclusive, and accessible. When we notice systemic inequities, we work to change them. We share our learning journey and normalize allyship in the workplace.

WiCyS is taking the lead on building allies in cybersecurity, and we're excited for you to join us. Thank you for leading the change to transform our WiCyS community and our industry.

### TOGETHER, WE THRIVE!

These allyship definitions and actions were created by our partner, Melinda Briana Epler, Founder & CEO of Change Catalyst and author of How to Be an Ally.



### Inclusive leaders pave the way to create inclusive and equitable workplaces for women in cybersecurity.

The WiCyS State of Inclusion study, done in collaboration with Aleria, shows that women feel their leaders and managers are not doing enough to respect their skills and expertise, provide career and growth opportunities, develop access and participation, and recognize their ideas and achievements. Let's change this together!

The following are 6 inclusive leadership actions you can take to lead the change at our events, in your workplace, and in your communities.

Lead with empathy. Use curiosity to understand each woman's unique experiences, show empathy and respect for their experiences, and support them. Build team empathy through informal gatherings, DEI learning sessions and conversations where they genuinely get to know each other and don't talk about work.

Create safe team environments. If women don't feel safe or respected by team members, they're less likely to take risks and contribute. Stand up for what's right and intervene when you observe or learn about exclusion. Interrupt interruptions, ensure full inclusion in conversations and build trust between team members.

Recognize ideas and achievements. Actively listen to women's ideas and ensure they receive credit. Publicly acknowledge contributions to projects and career accomplishments. Show you trust women's expertise by seeking their advice, contributions and leadership.

Provide valuable feedback. Women, especially women of color, tend to receive lower-quality feedback. This limits their ability to develop skills as leaders. Provide career-improving feedback on presentations and projects, as well as one-on-ones and annual reviews.

Support professional development goals. Be transparent about the specific actions needed for promotions and raises. Check progress together in one-on-ones and reviews. Provide stretch assignments, speaking roles and leadership opportunities. Be their champion and recommend them for new opportunities.

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WiCyS is taking the lead on building allies in cybersecurity, and we're excited for you to join us. Thank you for leading the change to transform our WiCyS community and our industry.

### TOGETHER, WE THRIVE!

The WiCyS State of Inclusion Benchmark is being developed in collaboration with Aleria. The inclusive leadership actions were created in partnership with Melinda Briana Epler, Founder & CEO of Empovia and author of How to Be an Ally.



### WICYS INCLUSIVE LEADERSHIP

### **6 INCLUSIVE LEADERSHIP ACTIONS**

- Lead with empathy
- 2. Create safe team environments
- Recognize ideas and achievements
- Provide valuable feedback
- Support professional development goals
- Improve systems, processes and cultures

Improve systems, processes and cultures. Pursue opportunities to improve systems, processes and cultures to be more inclusive and equitable for women. Collaborate with diverse women and other leaders to assess and make improvements together.



## The Growth of the WiCyS Thriving Community (as of 6.1.2025)

- Student Chapters: 315
- **Professional Affiliates:** 72
- Webinar Subscribers: 45.2K+
- Newsletter Subscribers: 39.2K+
- Members: 11K+

- Facebook: 7.4K+
- Facebook Group: 14.3K+
- **Twitter:** 25.4K+
- **Instagram:** 12.9K+
- LinkedIn: 113K+



### CALENDAR OF EVENTS

Want to get a pulse on what WiCyS global, professional affiliates and student chapters have planned? Check out our events calendar for all the latest WiCyS happenings around the world.

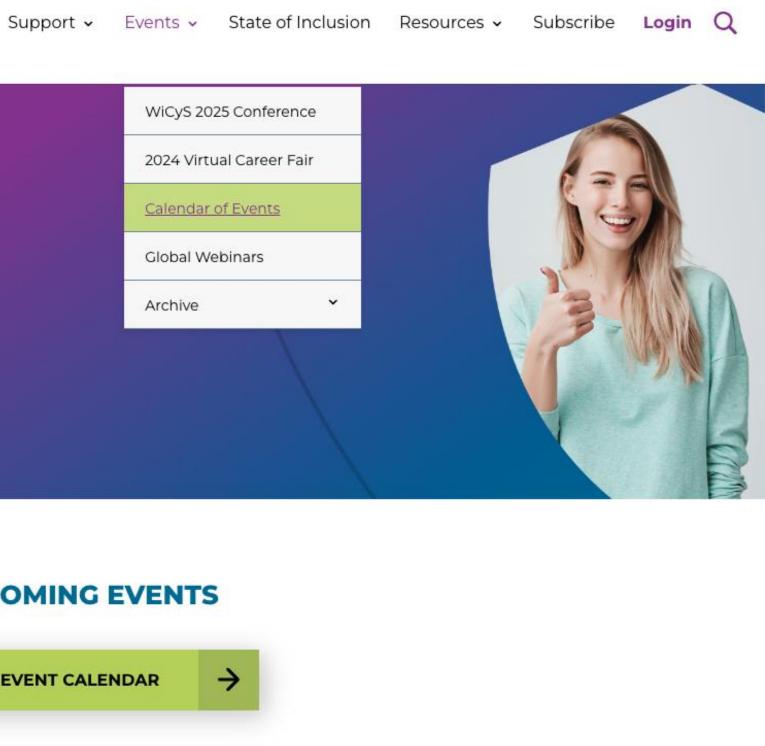
No matter where you're located, WiCyS has an event for you! Check out our Calendar of Events!

### **UPCOMING EVENTS**

**VIEW EVENT CALENDAR** 

### https://www.wicys.org/events/calendar/







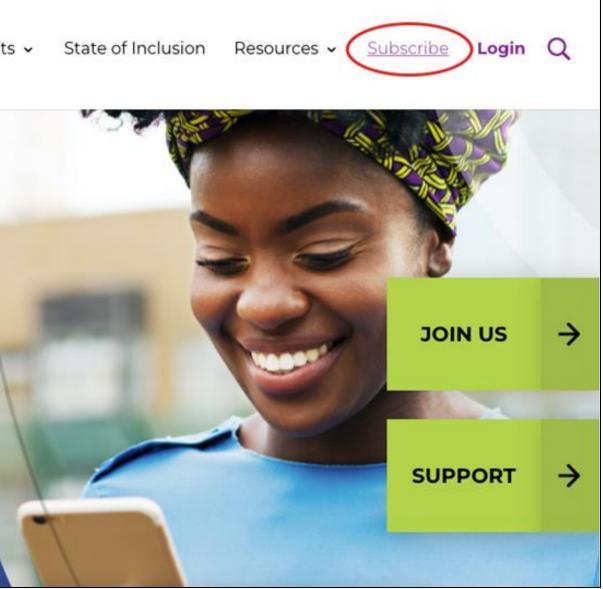
## ADVANCING Women in CyberSecurity

WiCyS is where the recruitment, retention and advancement of women in cybersecurity happens.

### **Subscribe to the WiCyS Newsletter:**

https://www.wicys.org/subscribe/





# Let's climb this mountain together...



# and as one woman rises, let's give the grace and space for others to rise as well.



## **Stay Connected!**



Find us on Instagram **@WiCySorg** 



Find us on FaceBook @Women in CyberSecurity - WiCyS



Find us on LinkedIn @Women in CyberSecurity (WiCyS)



Find us on X **@WiCySorg** 

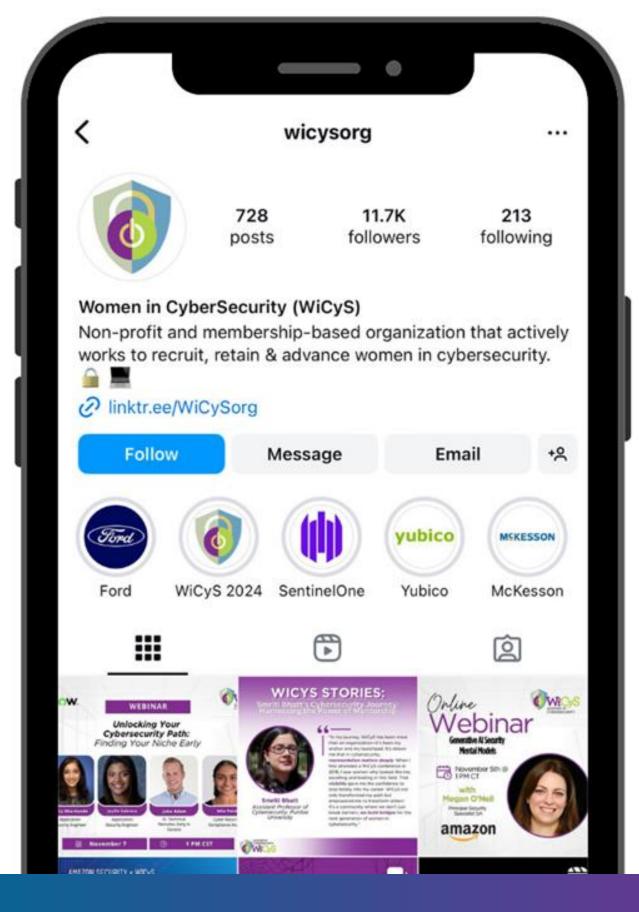


Find us on YouTube @WomeninCyberSecurityWiCySorg



Find us on Flickr **@WiCyS** 









# **Together**. We Thrive.

