



Academic Affairs Committee
August 24, 2024
1:45pm

Discussion Item

AAC – 3 Spartan CyberGuardian Academy

Background Information

Interim Dean Bhadury will be accompanied by Spartan CyberGuardian Academy principal investigator, Dr. Moez Farokhnia and co-principal investigator, Dr. Lakshmi Iyer. They will present on the \$1 million in grant funding and wraparound support from Google’s Cybersecurity Clinics Fund. The grant will establish the Spartan CyberGuardian Academy (SCGA), a cybersecurity clinic at UNCG, which will train 870 students to assist 174 organizations over the next six years.

A handwritten signature in black ink, appearing to read 'Alan Boyette'.

Alan Boyette
Interim Provost & Executive Vice Chancellor

Spartan Cyber Guardian Academy

Dr. Moez Farokhnia Hamedani (PI)

Dr. Lakshmi Iyer (Co-PI)

Department of Information Systems and Supply Chain Management
Bryan School of Business and Economics

August 2024

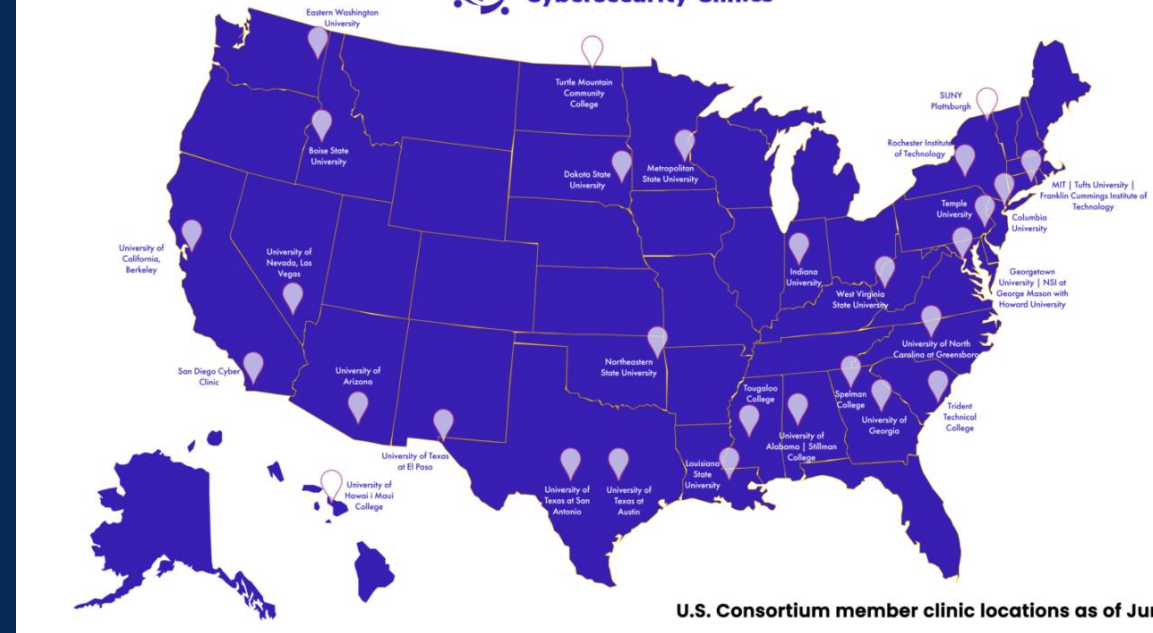


Consortium of Cybersecurity Clinics

cybersecurityclinics.org

- **Founded in May 2021**
 - Serves as a forum for clinicians, trainers, students, and advocates to share knowledge, expand the reach of cybersecurity clinics and lower the barriers for other institutions to establish their own clinics.
- **Initial Members:**
 - The University of California, Berkeley (2018) → non-profits at risk of politically motivated cyber attacks.
 - Indiana University (2019) → to address the needs of state and local agencies.
 - MIT (2019) → Supporting small towns and municipalities in New England.

 The Consortium of
Cybersecurity Clinics



- **UNCG - First in NC**
- 34 Active Members
- 15 New Members
- 1 Clinic In every State by 2030

Cybersecurity Clinics NEWS

Support for cybersecurity clinics across the U.S.

Jun 22, 2023 · 2 min read

 **Sundar Pichai**
CEO of Google and Alphabet

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JANUARY 25, 2024

Congressman Marc Veasey Advocates for Cybersecurity Clinics to Close Workforce Gaps and Strengthen National Security

AP WORLD U.S. ELECTION 2024 POLITICS SPORTS OLYMPICS ENTERTAINMENT BUSINESS SCIENCE FACT CHECK ...


US-Russia prisoner swap Olympics 2024 NFL's new rule US jobs report Israel-Hamas war

EVEN WHEN THE NEWS IS FREE, JOURNALISTS SUPPORT INDEPENDENT, FACT-BASED REPORTING.

BUSINESS

Google backs creation of cybersecurity clinics with \$20 million donation



 **America's Cyber Defense Agency**
NATIONAL COORDINATOR FOR CRITICAL INFRASTRUCTURE SECURITY AND RESILIENCE

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CISA Publishes Guide to Support University Cybersecurity Clinics



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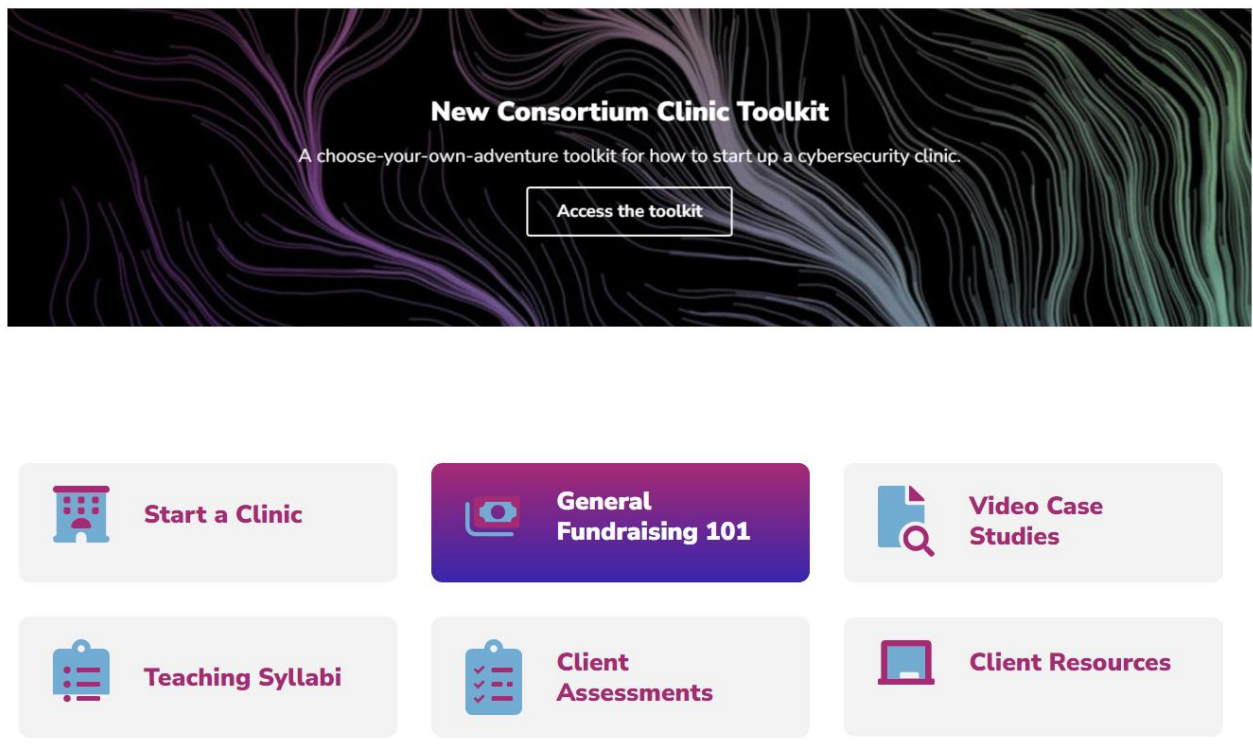
Students Battle Hackers on the Cybersecurity Front Lines

A class at UC Berkeley offers hands-on experience protecting NGOs from online attackers.

BRYAN.UNCG.EDU/ISSCM







Clinic Resources and Services

- Funding for 5 years
- Fundraising Support
- Mentorship by Google Mentors
- Google Cybersecurity Certification
- Educational Resources
- Client Assessment Tools
- Trainings
- Annual Meetings



New Consortium Clinic Toolkit
A choose-your-own-adventure toolkit for how to start up a cybersecurity clinic.

[Access the toolkit](#)

-  **Start a Clinic**
-  **General Fundraising 101**
-  **Video Case Studies**
-  **Teaching Syllabi**
-  **Client Assessments**
-  **Client Resources**

SCGA Audience

- 3 types of Students:
 1. Graduate Students → Trained in the ISSCM Program → Network+, Security+
 2. Undergraduate Students → Trained in the ISSCM Program → Network+, A+
 3. General Audience → other departments, high schools, Community Colleges
- Admission to the clinic:
 1. Acceptable performance in the prerequisite courses
 2. Completion of MIT Online training
 3. Complete application
- Semester Long training (Google Cybersecurity Certification, CompTIA special trainings)
- Vouchers for Security+ exam

Spartan Cyber Guardian Academy – Community Engagement

- Opening Date: January 2025
- We will work with the following non-profit organizations in the Piedmont region including but not limited to:
 - Triad SBTDC
 - Guilford Non-Profit Consortium
 - Guilford County Schools and Doris Henderson Newcomers School
 - Forge Greensboro
 - AAUW Greensboro Branch
- Cybersecurity Assessment service to clients
- Customized Mitigation Recommendation



SCGA Plan

Over the next 6 years:

- Open a state-of-the-art clinic
- Supporting students (High School, UG, Master's & PhD)
- 870 students will be trained
- 174 clients will be audited
- More than 250 students will be certified
- Hosting 2 meetings for all consortium members

Year	Number of students trained in preventing cyber attacks on critical public infrastructure.	Number of critical public infrastructure and community organizations provided with cybersecurity training and assistance.
1	80	16
2	100	20
3	120	24
4	150	30
5	190	38
6	230	46
Total	870	174

Thank You!

