UNIVERSITY OF CINCINNATI

Cybersecurity Summer Camp

Cyber@UC in a CTF Competition

CAE-CD - The School of IT started a cybersecurity undergraduate track in 2014. The track courses were used to map to the CAE Knowledge Units and the **University of Cincinnati** was designated as a CAE-CD in 2016. The designation tremendously helped the growth of cybersecurity program. In four short years, we received a series of education and research grants, leading to an explosive growth of student enrollment in cyber programs.

NSA-CNAP Grant - Provided a 12-week training camp for 100 veterans, firefighters, and government workers.

NSA-CNAP Grant - Trained and prepared instructors and high school teachers to teach cybersecurity curricula.

GenCyber Grant – Summer camps to expose high school students/teachers to cybersecurity concepts.

Cyber Range Grant – A $1.9m grant awarded to UC to provide cybersecurity education and exposure events to K-12, higher education, and professionals.

Early College Program – An education program between the School of IT and dozens of high school districts in Ohio to teach the complete first year college IT courses in high school.

In addition to the undergraduate cybersecurity track, a cybersecurity focused graduate program and a cybersecurity certificate program offered by School of IT and School of Criminal Justice experienced a rapid growth.

CAE-CO - In 2014 the NSA designated UC as a Center of Academic Excellence in Cyber Operations. The center has four aims:

1) Outreach, especially to high schools.

2) Contribute to improving the quality and quantity of America's cyber workforce, especially in cyber operations.

3) Encourage student participation and motivation in cyber education and research.

4) Pursue advance research in topics related to cyber operations such as malware detection.

The excitement of designation has spawned a very active student group called Cyber@UC, whose main mission is education in cyber and outreach, and has made possible the creation of a cyber laboratory which Cyber@UC is building and will maintain.

DESIGNATIONS
- CAE - Cyber Defense Education
- CAE - Cyber Operations

CONTACT INFORMATION

CAE-CD: Dr. Chengcheng Li
Chengcheng.li@uc.edu

CAE-CO: Dr. John Franco
franco@uc.edu