



LEGACY DOCUMENT

CENTER FOR THE ADVANCEMENT OF CYBERSECURITY **AT CEDARVILLE UNIVERSITY**

HISTORY

The Center for the Advancement of Cybersecurity at Cedarville University was established in 2018 by Cedarville faculty who recognized the need to equip young men and women for Christ-centered cybersecurity service marked by excellence while also enhancing the emerging field of cyber education in the academy. On campus, the Center advances cybersecurity by providing the University with cybersecurity expertise. Off campus, the Center serves society by promoting cybersecurity. Ultimately, the Center exists to advance Christ’s Kingdom by equipping His ambassadors for influence in the increasingly vital domain of cyberspace. From its humble origins in the basement of the Engineering & Science Building to its current home in the Scharnberg Business Center, the Cyber Center, as it is affectionately known, is uniquely poised not only to address the problems of the ever evolving field of cybersecurity but also to provide leadership in its growth.

MISSION

The Center for the Advancement of Cybersecurity at Cedarville University will advance cybersecurity in our nation by developing tomorrow’s cyber leaders in the classroom, shaping cyber education in the academy, and promoting cyber awareness in society.

VISION

The Center for the Advancement of Cybersecurity at Cedarville University, with the clarity, conviction, and character that arise from our Christian faith and values, will advance cybersecurity to the benefit of society.

CEDARVILLE UNIVERSITY

MISSION STATEMENT

Cedarville University transforms lives through excellent education and intentional discipleship in submission to biblical authority.

VISION STATEMENT

For the Word of God and the Testimony of Jesus Christ

CORE VALUES

Love for God
Love for Others
Integrity in Conduct
Excellence in Effort

UNIVERSITY ACADEMIC OBJECTIVES

The University achieves its mission by accomplishing the following academic objectives or “portrait statements,” which reflect characteristics of a Cedarville University graduate:

Glorify God – The Cedarville graduate exemplifies devotion to the triune God, Christlike character, and faithfulness to the teachings of the Scriptures.

Think Broadly and Deeply – The Cedarville graduate evaluates ideas, practices, and theories across disciplines within the framework of God’s revelation.

Communicate Effectively – The Cedarville graduate listens well, and produces and delivers clear, compelling, accurate, and truthful messages in a relevant, respectful manner.

Develop Academically and Professionally – The Cedarville graduate demonstrates competence and integrity in academic and professional endeavors.

Engage for Christ – The Cedarville graduate lives to further the mission of Christ in the world as an active influence in spiritual, moral, professional, and social spheres.

DIRECTORATE

Seth Hamman, Ph.D. - Director

Nick Parry, M.S. - Deputy Director

Keith Shomper, Ph.D. - Faculty Fellow

Patrick Dudenhofer, M.S. - Faculty Fellow

David Reid - Chief Student Fellow

Kaicheng Ye - Student Fellow for Cyber Exercises

Anna Kuaffmann - Student Fellow for Public Affairs

SEAL



SIGNIFICANCE

In the seal's center is a shield representing the protection that cybersecurity provides from malicious threats. It is blue to show our loyalty and commitment to advancing the cybersecurity field. Within the shield stands three resolute embattlements signifying our three-pronged mission: developing cyber leaders in the classroom, shaping cyber education in the academy, and promoting cyber awareness in society. Looking through the portholes, the redoubts envision us living out the clarity, conviction, and character that arise from our Christian faith and values. The prominent turret combines character, the trait all excellent cyberspace operators possess, with our most important mission, developing cyber leaders. While tempered blue, the towers are shadowed red acknowledging our pursuit of mastery in both defensive and offensive cyber operations. Lastly, the background lines form three quasi-crosses, paying homage to the three background crosses in the Cedarville University emblem. Inscribed near the shield's base is Proverbs 22:29, which reminds us that diligence and skillfulness are the traits that allow all to honorably serve their leaders and ultimately the King of kings. Flanking the shield on both sides are wheat stalks symbolizing our alma mater in the cornfields of Cedarville, Ohio where great pioneers like the Wright Brothers have gone before us and where current technological breakthroughs are happening at Wright-Patterson Air Force Base, our region's cyber hub. The top scroll reads our name while the bottom scroll bears our university. The stars between the plaintexts resemble the National Security Agency's seal, the premier cyber organization in the world, and highlight our partnership with them as a National Center of Academic Excellence in Cyber Operations and Cyber Defense. The seal's outer edge is subdued yellow signifying our joyful yet humble attitude amidst the technical complexity of cyberspace.

ACCOLADES



Ranked #1 Cybersecurity Bachelor's Program by Cybersecurity Guide.
[ACHIEVED 1/19/2024](#)



NSA National Center of Academic Excellence in Cyber Operations
– 1 of 22 in the USA [ACHIEVED 06/06/2018](#)

NSA National Center of Academic Excellence in Cyber Defense
– 1 of 350 in the USA [ACHIEVED 10/21/2021](#)



ABET Cybersecurity Accreditation
- 1 of 7 first cyber programs to receive this accreditation [ACHIEVED 09/17/2019](#)



1 of 2 undergraduate programs in the USA to hold all the above
[ACHIEVED 10/21/2021](#)



Chief Information Officers Institute Top 16 Cyber Education Program
[ACHIEVED 10/06/2021](#)



2022 Top CCDC Team in the State of Ohio
[ACHIEVED 02/26/2022](#)



Placed 7th Nationally in the National Cyber League
[ACHIEVED 05/21/2022](#)



Regional Programming Center of the Ohio Cyber Range Institute
[ACHIEVED 11/02/2020](#)

