



Hunt Library on NC State's Centennial Campus

NC State University was one of the first 23 National Centers of Academic Excellence in Cybersecurity Research (CAE-R), holding its designation since 2008. The university is located in Raleigh, NC and is part of the "Research Triangle," which is home to three large research universities and many technology companies, including IBM, Cisco, RedHat, and Google.

NC State's cybersecurity research expertise is based in the Secure Computing Institute (SCI) whose mission is to enhance the security and privacy of computing systems for the betterment of society through (1) performing basic and applied research; and (2) advancing and delivering cybersecurity education. SCI includes the Wolfpack Security and Privacy Research (WSPR) Laboratory, the Secure Software Supply Chain Center (S3C2), the Hardware and Embedded Cybersecurity Research (HECTOR)

Lab, and the Secure Advanced Computer Architecture (SACA) Group. NC State is also the home of the NSA Laboratory for Analytic Sciences (LAS).

Cybersecurity research at NC State spans many CAE focus areas, including principles, security mechanisms, architecture, assurance, and analysis. It has made notable recent advances in software supply chain security, mobile and web security, telecommunications security, and hardware side-channel attacks. Researchers use a range of methodological tools, including formal proofs of security for cryptographic systems, static and dynamic program analysis of software, and large-scale empirical studies.

DESIGNATIONS

- CAE-Research

CONTACT INFORMATION

William Enck
whenck@ncsu.edu

www.ncsu.edu
www.cae-r.ncsu.edu



SCI Co-Directors William Enck and Laurie Williams