MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY

Missouri S&T Campus

With more than a decade as a CAE-R designated university and eight cybersecurity experts with active federal and industry research in the field, **Missouri S&T** is one of the nation's leaders in addressing cybersecurity threats. Missouri S&T's cybersecurity research program emphasizes cyber-physical security for critical infrastructures – from power plants to autonomous vehicles. The S&T computer science and computer engineering programs partner with 16 engineering and science disciplines across campus to create secure smart grid systems, manufacturing systems, sensor clouds, water treatment facilities, aerospace systems, and smart living environments.

S&T's cybersecurity experts are also highly regarded teachers. They actively mentor student researchers at the undergraduate, master's, and doctoral levels to prepare them for cybersecurity careers in government, industry, and education. Students have access to cybersecurity courses that meet the NICE criteria at the advanced undergraduate and graduate levels.

Missouri S&T is a STEM-focused institution of 9000 students. It was founded in 1870 as one of the first technological institutions west of the Mississippi. The pursuit of innovative, collaborative applications with faculty and researchers at Missouri S&T has helped the university define its research and teaching strengths. The following four signature research areas connect to long-term critical national issues, research and entrepreneurship potential, and align with Missouri S&T's strategic plan. These areas are Advanced Manufacturing, Advanced Materials for Sustainable Infrastructure, Enabling Materials for Extreme Environments, and Smart Living.

DESIGNATIONS

• **CAE – Cyber Defense Research**

CONTACT INFORMATION

Bruce McMillin
(573) 341-4491
ff@mst.edu

cae.mst.edu

S&T students participate in a cybersecurity hackathon.