UNIVERSITY OF MISSOURI–ST. LOUIS

The **University of Missouri–St. Louis (UMSL)** is the largest public research university in eastern Missouri. It provides excellent learning experiences and leadership opportunities to a diverse student body whose influence on the region upon graduation is immense.

The departments of Information Systems and Technology (College of Business Administration) and Computer Science (College of Arts and Sciences) have teamed to create a multidisciplinary approach to developing the next generation of cybersecurity professionals. This approach engenders security thinking and skills at the interface of technical and business aspects of cybersecurity.

Given the fast pace of change in cybersecurity, our certificate programs strive to better meet student and market needs. Undergraduate and graduate cybersecurity degree programs are expected to launch in Fall 2019. In addition to research and teaching, faculty serve the community by organizing events such as a major cybersecurity conference, career fairs, capture-the-flag competitions for school and college students, and workshops, among others.

UMSL is home to the state-of-the-art Cybersecurity and Information Technology Innovation Lab (CITIL) dedicated to applied student learning and research. CITIL provides physical lab facilities and equipment, a fully virtualized sandboxed lab environment, and access to a self-service private cloud environment so that students can create any lab infrastructures they need. The private cloud environment was supported by a grant from the National Security Agency (NSA) and another NSA grant led to creation of IoT security coursework. UMSL is a proud member of the CAE community and grateful for the truly impactful and transformative CAE program.

DESIGNATIONS

• **CAE – Cyber Defense Education**

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Capture the Flag competition for school students