

Professor of Practice & Director, Texas A&M Cybersecurity Center

## **Texas A&M Engineering Experiment Station & Texas A&M University Cybersecurity Center**

The Texas A&M Cybersecurity Center, a joint center between the Texas A&M Engineering Experiment Station and the Texas A&M University, conducts basic and applied research in Cybersecurity, provides educational and training opportunities for students and next generation workforce, and works with industry and federal and state agencies in solving national Cybersecurity challenges.

The Cybersecurity Center is driven by about 15 faculty across multiple departments and conducts research in areas including hardware, software, network and application level security with applications in blockchain, machine learning, , autonomous cars and robots, biochips, brain-computer interfaces, manufacturing, social networks and critical infrastructure such as power grid systems. The Center collaborates with faculty in the Bush school of public policy on privacy and cybersecurity policy related issues.

The Cybersecurity Center conducts various education and training exercises for students including Capture the Flag events, Hackathons, short courses to provide hands on experience. The Center also offers continuing education classes to industry. The center is one of the few around the country that holds the National Security Agency (NSA) and the Department of Homeland Security (DHS) National Centers of Academic Excellence in Cyber Defense (CAE-CD) designations in Research (CAE-R), Education (CAE CDE), and Cyber Operations (CAE-CO).

The Director of the Center is expected to provide leadership for these activities, expand the collaborations both internally and with external parties and raise the national profile of A&M in this area.

### **Job Position Title:**

Professor of Practice & Director, Texas A&M Cybersecurity Center

### **Job Location:**

College Station, TX

### **Job Description:**

The Texas A&M Cybersecurity Center invites applications for an Academic Professional (Non-Tenure) Track: Professor of Practice & Director. This academic appointment begins Fall 2021. The Director of Cybersecurity Center develops, directs, and implements Center's R&D, workforce development, and technology commercialization objectives and initiatives. The director ensures that Center's activities will establish, maintain and increase the center's competitive position and sustainability. The director fosters collaboration and opportunity between faculty, researchers and other centers at Texas A&M, government, industry, and other organizations. The director works in close collaboration with the heads of the Computer Science and Engineering and Electrical and Computer Engineering Departments to align goals and outcomes and establish the value added to the department and must hold credentials that allow appointment to the engineering faculty. The director is expected to maintain current sponsor and client relationships as well as develop relationships with new clients and in new

market areas. The director is expected to maintain and expand the R&D, workforce development, and technology commercialization activities and accomplishments of the Center. The director relies on extensive experience and judgment to plan and accomplish goals and leads and directs the work of others. A wide degree of creativity and latitude is expected.

**Essential duties and responsibilities:**

Develops and implements the mission and strategies for and manages and directs the activities of the Texas A&M Cybersecurity Center in accordance with the objectives of the center, and the rules and policies of the Texas A&M University System.

Maintains, expands and develops new projects, clients and exploits new markets in the general area of cybersecurity and related technologies R&D, workforce development and technology commercialization.

Communicates the activities of the center to faculty, clients, sponsors, and leadership and receives their input. Fosters, participates in, and develops collaborative and multidisciplinary activities with TAMUS faculty related to cybersecurity and related technologies.

Represents Cybersecurity Center in in the general area of Cybersecurity and related technologies.

Organizes, supervises, and manages the employees of the center.

May be required to teach.

Information about the center can be found at <https://cybersecurity.tamu.edu/>.

**Minimum requirements:**

Education: Masters level degree or at least 18 graduate credit hours in the teaching discipline. We will also consider applicants with a bachelor's degree and significant professional experience.

Experience: PhD and six years related experience or MS and 8 years related experience.

**Preferred Requirements:**

PhD in Engineering or related field and 10 years of combined experience in industry and academia or MS in Engineering or related field and 15 years of combined experience in industry and academia.

Progressive, successful experience and demonstrable accomplishments in R&D, WFD and/or technology commercialization leadership, execution and management.

Progressive, successful experience and demonstrable accomplishments in business, sponsor, and/or client business development, opportunity identification and exploitation, marketing, and proposal development.

Experience as the director of an R&D organization or agency in industry, government or academia.

Service on industry, government, or academic R&D, WFD, and/or technology commercialization planning or steering committees.

Service on cybersecurity-related professional committees, societies, and organizations.

**Application Instructions:**

Applicants should submit a cover letter, curriculum vitae, teaching statement, diversity statement and a list of four references (including postal addresses, phone numbers and email addresses) by applying for this specific position at <http://apply.interfolio.com/80811>. Full consideration will be given to applications received by January 1, 2021. Applications received after that date may be considered until position is filled. It is anticipated the appointment will begin September 2021.

Texas A&M University is committed to enriching the learning and working environment for all visitors, students, faculty, and staff by promoting a culture that embraces inclusion, diversity, equity, and accountability. Diverse perspectives, talents, and identities are vital to accomplishing our mission and living our core values.

Equal Opportunity/Affirmative Action/Veterans/Disability Employer committed to diversity.