Assistant Professor - Renewable Energy Cybersecurity
Texas Tech University

Job Title	Assistant Professor - Renewable Energy Cybersecurity
Department	College of Arts & Sciences
Institution	Texas Tech University
	Lubbock, Texas
Date Posted	Feb. 8, 2024
Application Deadline	Open until filled
Position Start Date	August 2024
Job Categories	Assistant Professor
Academic Field(s)	Computer Science
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Apply By Email	
Job Description	

Position Description

Contributes to the university's mission through teaching, research and service, some variation by academic unit.

About the Department and/or College

Established in 1923, Texas Tech University is a Carnegie R1 (very high research activity) Doctoral/Research-Extensive, Hispanic Serving, and state-assisted institution. Located on a beautiful 1,850-acre campus in Lubbock, a city in West Texas with a growing metropolitan-area population of over 300,000, the university enrolls over 40,000 students with 33,000 undergraduate and 7,000 graduate students. As the primary research institution in the western two-thirds of the state, Texas Tech University is home to 10 colleges, the Schools of Law and Veterinary Medicine, and the Graduate School. The flagship of the Texas Tech University System, Texas Tech is dedicated to student success by preparing learners to be ethical leaders for a diverse and globally competitive workforce. It is committed to enhancing the cultural and economic development of the state, nation, and world.

Founded in 1925 as one of the university's four original colleges, the College of Arts & Sciences is comprised of 15 departments, offering a wide variety of courses and programs in the humanities, social and behavioral sciences, mathematics, physical sciences, and natural sciences. The College has more than 10,000 students enrolled representing more than a quarter of the overall Texas Tech University student population while maintaining a 22:1 student to faculty ratio.

Housed within the College of Arts & Sciences, the Renewable Energy (RE) program prepares the next generation of professionals by delivering a comprehensive, multidisciplinary curriculum encompassing science, technology, law, policy, and the economics of renewable energy. Program offerings include an online and in-person Bachelor of Science, an Undergraduate Minor, and a Certificate in Renewable Energy. Graduate-level offerings feature Wind Energy Managerial- and Technical-track Certificates. In its dedication to meeting workforce needs, the program maintains robust industry partnerships and a dynamic alumni network. This commitment is mirrored by the RE faculty, who prioritize experiential learning through study abroad, internships, and innovative research.

Referred to as the "Hub City" because it serves as the educational, cultural, economic, and health care hub of the South Plains region, Lubbock boasts a diverse population and a strong connection to community, history, and land. With a mild climate, highly rated public schools, and a low cost of living, Lubbock is a family-friendly community that is ranked as one of the best places to live in Texas. Lubbock is home to a celebrated and ever-evolving music scene, a vibrant arts community, and is within driving distance of Dallas, Austin, Santa Fe, and other major metropolitan cities. Lubbock's

Convention & Visitors Bureau provides a comprehensive overview of the Lubbock community and its resources, programs, events, and histories.

Major/Essential Functions

The faculty member will be expected to develop a vibrant externally-funded research program; pursue a variety of traditional and non-traditional research funding sources; generate a scholarly publication record; advise graduate and undergraduate students; possess an enthusiasm for diverse and innovative teaching; participate in national and international technical committees and outreach activities; and work within a multi-disciplinary group to develop groundbreaking advances in renewable energy cybersecurity.

Organization

Texas Tech University

Required Qualifications

In line with TTU's strategic priorities to engage and empower a diverse student body, enable innovative research and creative activities, and transform lives and communities through outreach and engaged scholarship, applicants must have experience working with diverse student populations at the undergraduate and graduate levels within or across the areas of teaching, research/creative activity, and service. Additional required qualifications are:

1. Academic degree as defined by the academic unit and as appropriate for the position held.
2. A demonstrated record of effectiveness as a teacher (teaching and supervision while a graduate student will satisfy or count toward this requirement).
3. A record of peer reviewed publication and/or peer-reviewed creative activity which has contributed to the Cybersecurity field.
4. A record of professional service, such as, conference or seminar organization, publication or grant reviewer, or similar.
5. Potential to garner extramural funding to support their research program.

Preferred Qualifications

In addition to the required qualifications, individuals with the following preferred qualifications are

strongly encouraged to apply. Candidates must have earned a Ph.D. in Computer Science or closely related field, established an outstanding track record of significant research, and shown promise of excellent teaching. A record of extramural funding received to support their research where Renewable Energy Cybersecurity R&D is a significant component.

Safety Information

Adherence to robust safety practices and compliance with all applicable health and safety regulations are responsibilities of all TTU employees.

Does this position work in a research laboratory?: No

Special Instructions to Applicants

The Renewable Energy Program in the College of Arts and Sciences at Texas Tech University invites applications for a full-time, 9-month tenure-track (Assistant/Associate rank) Professor in Renewable Energy position to begin August 2024.

Questions about this position should be directed to Prof. Dimitri Pappas, Search Committee Chair at D.Pappas@ttu.edu.

Required Attachments

Cover Letter, Professional/Personal References, Research Statement, Resume / CV, Teaching Philosophy

Optional Attachments

Other Documents Supporting Qualifications

Job Type: Full Time

Pay Basis: Monthly

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Pay Statement

Compensation is commensurate upon the qualifications of the individual selected and budgetary guidelines of the hiring department, as well as the institutional pay plan. For additional information, please reference the institutional pay plan by visiting www.depts.ttu.edu/hr/payplan.

Travel Required: Up to 25%

Schedule Details: As required to perform job functions

Grant Funded?: No

Job Group: Assistant Professor

EEO Statement

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, gender expression, national origin, age, disability, genetic information or status as a protected veteran.

Salary Grade: 800

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

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