



Faculty Opening in Electrical and Computer Engineering Texas Tech University

Texas Tech University: The Department of Electrical and Computer Engineering (ECE) is inviting applications for a tenure track position at all levels (Assistant/Associate/Full Professor). The candidate should have a background in the broad area of **Electrical Energy Storage and Electrical Energy Systems**.

An earned doctorate in Electrical Engineering or a field closely related to the search is required. In particular we are looking for individuals with an interest and background in Battery technology, Grid Storage & Integration, Fuel Cell technology and integration, Integration of Electrical Transportation or related fields. Candidates who have very strong records of scholarship supported by extramural funding and who have the proven capacity or clear potential to bring externally sponsored research to Texas Tech University are encouraged to apply. The successful candidate is expected to teach existing undergraduate and graduate courses, develop new courses, and build a strong research program in Electrical Engineering and related endeavors, including securing external funding and generating archival publications. Service to the department, college, and university is expected. Applicants are requested to upload a résumé, a cover letter including a brief statement of research and teaching interests, and the names of at least three references to <http://www.depts.ttu.edu/hr/workattexastech/> referencing requisition number 25105BR. Questions related to application should be emailed to the search committee chair Michael.Giesselmann@ttu.edu. Review of applications will start October 01, 2021.

As an Equal Employment Opportunity/Affirmative Action employer, Texas Tech University is dedicated to the goal of building a culturally diverse faculty committed to teaching and working in a multicultural environment. We actively encourage applications from all those who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community at Texas Tech University. The University welcomes applications from minoritized candidates, women, protected veterans, persons with disabilities, and dual-career couples.

About the Department: The ECE department is very research active with over of \$7 million annual competitive research awards in recent years. The Department has earned national and international recognition in Nano-Photonics, Pulsed Power, Nano-Technology, Electric Energy, Radar Technology and Biomedical Research including genomics. The ECE department houses modern laboratories, classrooms, and computer facilities for both teaching and research. Several recently renovated classrooms and a large undergraduate teaching laboratory support state of the art pedagogical methods. The department has four National Science Foundation CAREER awardees. Many faculties are recognized as fellows in major technical and professional societies in their fields, along with other prestigious awards such as the Presidential Award for Excellence in Science, Mathematics & Engineering Mentoring (PAESMEM).

About the College: The Whitacre College of Engineering is home to seven academic departments (chemical, civil & environmental & construction, electrical & computer, industrial, mechanical, petroleum, and computer science), offers over 30 degrees to about 6,600 students including more than 850 graduate students. Research funding has grown substantially, with over \$18 million annual research awards in recent years. The major research strengths are in wind-science & engineering, pulsed power and power



electronics, microscale and nanoscale devices and semiconductor materials, engineering medicine, bioengineering, energetics, and polymer materials.

About the University: Texas Tech University, classified as a Carnegie Research I University, enrolls more than 40,000 students in 10 colleges. Texas Tech University is a Hispanic Serving Institution (HSI).

About the City: Lubbock, with an increasing population of currently over 258,000, has a very low cost of living index; the city's diverse economy is sustained by TTU, a large healthcare industry, abundant retail shopping and restaurants, agriculture, manufacturing and oil/energy. Three independent school districts and numerous private/religious schools offer excellent educational opportunities for families. Lubbock Preston Smith International Airport provides travel convenience from several national airlines. The Texas South Plains enjoys stunning sunrises and sunsets and pleasant weather associated with its 3,250 foot elevation, 265 days of sunshine per year, and a semi-arid southwestern climate.

