



UNIVERSITY OF TEXAS AT EL PASO
College of Engineering
Department of Electrical and Computer Engineering

Tenure-Track Assistant/Associate Professor

The Department of Electrical and Computer Engineering (ECE) of The University of Texas at El Paso (UTEP) invites applications for two tenure-track faculty positions at the rank of Assistant/Associate Professor to begin in fall 2019.

The Department is primarily interested in candidates who will contribute to the growth of research and academic programs in two main areas: cyber-physical systems (*embedded systems, Internet of Things, data analytics, sensor/actuator networks, cybersecurity*) and electric power and energy systems (smart grid, power system protection and control, distributed energy resources). Candidates with outstanding credentials and expertise in other areas of Electrical and Computer Engineering will also be considered. Priority will be given to the overall originality and promise of the candidate's work and potential to contribute to the Department's and UTEP's vision and mission over any particular specialization area.

The successful candidate is expected to establish a strong extramurally funded research program, collaborate on interdisciplinary research projects, mentor undergraduate and graduate students, teach and develop graduate and undergraduate courses in ECE, participate in outreach, and provide service to the Department, College, and University. The application materials should demonstrate the potential of the candidate to succeed in meeting these expectations.

ABOUT THE ECE DEPARTMENT: The Department of Electrical and Computer Engineering at UTEP (<http://ece.utep.edu>) offers an ABET-accredited Bachelor of Science (B.S.) degree, a Master of Science (M.S.) degree in Electrical Engineering, a Master of Science in Computer Engineering, and a Ph.D. program in Electrical and Computer Engineering. The department has an enrollment of nearly 700 undergraduate and 80 graduate students (M.S. and Ph.D. students). The ECE faculty is actively involved in sponsored research with annual expenditures of more than \$3 million. Research activities are carried out in multiple research laboratories at the Department and at research centers in the College and the University.

ABOUT UTEP AND EL PASO: Having celebrated its Centennial year in 2014, UTEP is the second oldest academic institution in The University of Texas System. UTEP was founded in 1914 as the Texas State School of Mines and Metallurgy. In 1949, the school's name changed to Texas Western College. In 1967, one year after the University won a historic NCAA basketball championship. Texas Western College became The University of Texas at El Paso.

UTEP is the only national research university with a Mexican-American majority student body, and enrolls more than 25,000 students and employs approximately 4,000 faculty and staff. UTEP is the largest producer of Mexican-American STEM graduates, and it ranks third among all universities in awarding degrees to Hispanics at the baccalaureate, master's, and doctoral levels. In addition, UTEP is among the top ten universities in preparing Hispanic students for success in completing doctoral degrees. UTEP's outstanding record of receiving competitive grant awards and its annual research expenditures of over \$90 million reflect the quality of UTEP's faculty and their sustained commitment to excellence. UTEP's faculty and staff are committed to the university's mission of access and excellence and carry this commitment through an academic environment dedicated to addressing the educational needs of our students – many of whom are the first in their families to attend college.

El Paso County is a highly livable, bi-cultural community of almost 700,000 people that offers affordable homes and is consistently ranked among the safest large cities in the U.S. Shielded by mountains on three sides, El Paso enjoys more than 300 days of sunshine annually and a dry climate, making it possible to engage in outdoor activities year-round. The city of El Paso adjoins both the state of New Mexico and the country of Mexico; it is one of the largest international communities in the world. El Paso comprises 248 square miles and is the sixth largest city in Texas and 19th largest in the United States.

SALARY: Rank and salary are commensurate with qualifications and experience.

MINIMUM QUALIFICATIONS: A Ph.D. in electrical/computer engineering or a related field. Commitment to undergraduate teaching and graduate training. Demonstrated scholarly achievement, evidenced by a track record of publications. A commensurate record of successful industrial/academic activities, including funded research, teaching experience, and scholarly publications, will be required for applicants at the associate professor level. Excellent communication skills are required.

DESIRABLE QUALIFICATIONS: Demonstrated potential for establishing an extramurally funded research program. Teaching experience at the graduate and undergraduate level in Electrical and Computer Engineering.

APPLICATION PROCEDURE: Applicants must submit the following: 1) a letter of interest describing their interest in the position and their fit to the department and the institution; 2) detailed curriculum vita; 3) name and complete contact information of at least three references; 4) two-page research statement; 5) two-page teaching/mentorship statement; 6) one-page diversity statement, 7) unofficial transcripts; and 8) copies of two most representative publications. Please state in your cover letter at which rank you wish to be considered.

Review of applications will begin immediately and will continue until the position is filled. Applicants are encouraged to apply by November 1, 2018. Females and individuals from

underrepresented groups are encouraged to apply. For information/inquiries regarding the position, please email, ECE_Faculty_Search@utep.edu

To apply, please visit www.utep.edu/employment

Hiring decisions are based on budget approval.

In keeping with its Access and Excellence mission, the University of Texas at El Paso is committed to an open, diverse, and inclusive learning and working environment that honors the talents, respects the differences, and nurtures the growth and development of all.

The University of Texas at El Paso is an Equal Opportunity/Affirmative Action employer. The University does not discriminate on the basis of race, color, national origin, sex, religion, age, disability, genetic information, veteran status, sexual orientation or gender identity in employment or the provision of services.