



THE UNIVERSITY OF TEXAS AT DALLAS

Erik Jonsson School of Engineering and Computer Science

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Open Rank Positions in Electrical and Computer Engineering

Position Description

The [Department of Electrical and Computer Engineering](#) (ECE) in the Erik Jonsson School of Engineering and Computer Science at The University of Texas at Dallas (UT Dallas) invites applications for five open-rank (Full, Associate, or Assistant Professor) tenured/tenure-track faculty positions in Electrical and Computer Engineering. This is an open rank search with a preference for at least some of the appointments to be made at the rank of Assistant Professor. Candidates from related disciplines, such as Computer Science, Materials Science, or Physics, whose research is relevant to Electrical and Computer Engineering, may be considered.

Research in ECE is divided into five broad areas: Semiconductor Devices, Circuits and Systems, Signals and Systems, Power and Energy Systems, and Computing Systems and Computer Engineering. The focus of this search is mainly on semiconductor devices, computing systems, and computer engineering. Exceptional candidates in the other three areas will be considered.

We are interested in Hardware Security and Trustworthy Architectures, Digital Twins, Smart Manufacturing, AI applications in multimodal signal processing, generative AI, and Quantum computation. In addition, we are interested in research areas related to semiconductor devices, including semiconductor manufacturing, packaging, and heterogeneous integration. Additionally, the search will also consider exceptional candidates with research interests that align with the five [critical research](#) thrusts of the Jonsson School. Teaching responsibilities will include undergraduate and graduate-level courses in the core curriculum, as well as the candidate's area of specialization. In addition to teaching, the position requires an active research agenda, publication, and service in the UT Dallas and professional communities.

The appointment commences for the fall 2026 semester.

Qualifications

Minimum Education and Experience: A PhD or equivalent in Electrical Engineering, Computer Engineering, or a related discipline is required prior to employment; those with ABD status will be considered at the application/interviewing stage. Candidates for Full or Associate Professor positions should have records of research productivity and funding commensurate with those ranks. Candidates are expected to demonstrate the ability to work effectively in a highly collaborative, engaging, and dynamic environment comprised of individuals with a range of backgrounds, skills, and perspectives. We are seeking candidates able to produce research and scholarly or creative achievements that enhance the program and the discipline, and able to deliver high quality teaching using evidence-based practices to effectively engage students from a range of backgrounds and experiences.

The Department of Electrical and Computer Engineering

UT Dallas's Department of Electrical and Computer Engineering was founded in 1986 and offers BS, MS, and PhD degrees. According to US News and World Report, it is ranked 51st among all universities and 28th among all public universities. In Texas, ECE is ranked 3rd in its field. The department is home to over 1,200 undergraduate students, 350 graduate students, and 51 faculty members. Our faculty members are highly decorated, having received numerous NSF CAREER, NSF, DoD, and industrial awards, with an average of over \$10M in annual research expenditures. The proximity to the UT Southwestern Medical Center and joint graduate programs offers outstanding opportunities for collaborative research.

Application Instructions

Applicants should upload the following via the [online application](#):

- Full curriculum vitae and cover letter summarizing their interests and qualifications for the position.
- Statement of teaching philosophy describing their conceptualizations of teaching and learning, and teaching and assessment methods, and how their teaching practices will engage students from a range of backgrounds and experiences.
- Research statement describing past, present, and future research, including how they mentor (or will mentor) student researchers and foster (or will foster) collaborative research environments.
- A writing/publication sample (optional).
- Full contact information for at least three academic or professional references.

Priority will be given to completed applications received by November 15, 2025. Reviews will continue until the position is filled or the search is closed on March 31, 2026.

The University and Community

UT Dallas is a top public research university located in one of the nation's fastest-growing metropolitan regions. Our seven schools offer more than 140 undergraduate and graduate programs, plus professional certificates and fast-track programs. Our student body is approximately 30,000 strong, reflecting students from over 100 countries and a multiplicity of perspectives and experiences. Over 65% of our undergraduate students receive some form of need- or merit-based financial aid; and 66% of graduating seniors have no student debt compared to 48% in Texas and 32% in the nation (2021 TICAS report).

UT Dallas is committed to graduating well-rounded members of the community whose education has prepared them for rewarding lives and productive careers in a constantly changing world. Our mission centers on providing Texas and the nation with excellent and innovative education and research. The University's rapid growth is fueled by our creative and enterprising spirit, bright students, innovative programs, renowned faculty, dedicated staff, engaged alumni, and research that matters.

The University promotes a welcoming environment through programs and initiatives designed to support engagement and success for members of the campus community. Employee benefits include a range of physical and mental wellness resources, competitive insurance and retirement plan options, lactation facilities located throughout the campus, and Employee Resource Groups (ERGs) comprised of individuals who share common interests to help build community among UT Dallas faculty and staff (e.g., Universal Access ERG, Military and Veteran ERG, UT Dallas Young Professionals). Additionally, the University's modern campus, 400+ campus organizations, and prime location foster collaboration and community.

Situated in Richardson, Texas, the University's location offers abundant professional development and entertainment options. The Dallas-Fort Worth (DFW) metroplex is rich with visual and performing arts venues, museum districts, professional and semi-professional athletics teams, botanical gardens, accessible trails, and much more, ensuring there's something for everyone. The University's partnerships with regional higher education institutions, local school districts, numerous companies, and the [Richardson Innovation Quarter](#) (Richardson IQ) – a major hub for innovation, entrepreneurship, and educational activities – promotes collaboration, professional growth, and educational excellence.

Equal Employment Opportunity

The University of Texas at Dallas is committed to providing an educational, living and working environment that is welcoming, respectful, and inclusive of all members of the university community. The University [prohibits unlawful discrimination](#) against a person because of their race, color, religion, sex (including pregnancy), sexual orientation, gender identity, gender expression, national origin, age, disability, genetic information, or veteran status.