

Open Rank - Research Thrusts The University of Texas at Dallas

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Posted Mar. 6, 2024, set to expire Sep. 6, 2024

Job Title	Open Rank - Research Thrusts
Department	Engineering and Computer Science
Institution	The University of Texas at Dallas Richardson, Texas
Date Posted	Mar. 6, 2024
Application Deadline	Apr. 1, 2024
Position Start Date	Aug. 1, 2024
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Transportation Engineering Mechanical Engineering Manufacturing & Quality Engineering Energy Technology Electrical and/or Electronics Computer Engineering Computer Science Bioengineering (all Bio-related fields) Engineering - Other
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Job Description	

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Position Description

In order to solve society's most pressing problems, enterprising faculty deserve the support and structure to work across disciplines. Housed at The University of Texas at Dallas, one of the fastest-growing universities in the United States, the Jonsson School has departments that are focused on five research thrusts of national significance. With a joint bioengineering building opening this fall at UT Southwestern Medical Center and a newly established Innovation Quarter launched with the City of Richardson to support entrepreneurship, tenure-system faculty will have the opportunity to excel together in the laboratory, the classroom, and the marketplace. We are hiring for multiple positions at all ranks in the research thrusts and individual departments for Advanced Manufacturing, Energy Science and Technology, Health Innovations, Semiconductor Science and Technology, and Transportation Science and Engineering.

The appointment commences for the fall 2024 semester.

Qualifications

Minimum Education and Experience: A PhD or equivalent in a relevant discipline is required prior to employment; those with ABD status will be considered at the application/interviewing stage. 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.

Preferred Education and Experience: A PhD in a relevant discipline is required and experience working on multidisciplinary teams.

The Department/Program/School

The Erik Jonsson School of Engineering and Computer Science (The Jonsson School), home to six dynamic departments with a total of 254 faculty (biomedical, computer science, electrical and computer, materials science, mechanical, and systems), is one of the most rigorous, technologically advanced, and diverse programs in the country. Close connections exist between all these departments and local industry giving our students exceptional internship and employment opportunities. Currently, the school's student enrollment is approximately 8,950. We serve as an economic engine of growth and innovation for North Texas with our focus on industry-relevant

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research and education. To that end, teams from our corporate-sponsored capstone program, UDesign®, have taken top honors at national competitions in recent years, as well as founded startups. The Jonsson School has a legacy of inclusion, ranking in the top in the nation of number of degrees awarded to women in our oldest programs – computer science and electrical engineering.

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.
- Full contact information for at least three academic or professional references.

Priority will be given to completed applications received by 01/15/2024. Reviews will continue until the position is filled or the search is closed on 04/01/2024.

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 31,000 strong, reflecting students from over 100 countries and a multiplicity of identities 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 global community whose education has prepared them for rewarding lives and productive careers in a constantly changing world. A diversity of people, ideas, and perspectives is crucial to our vision and mission. UT Dallas is a place where members of the community from all backgrounds are welcomed, treated fairly, and encouraged in their pursuit of excellence.

The University has a variety of programs and initiatives to support engagement and success for all members of the campus community. Employee benefits include a range of physical and mental

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wellness resources. “LilyPad” lactation facilities are located throughout the campus. There are several 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).

Rich with visual and performing arts venues, museum districts, professional and semi-professional athletics teams, botanical gardens, accessible trails and so much more, the Dallas-Fort Worth (DFW) metroplex has something for everyone to explore. UT Dallas partners with regional higher education institutions and school districts and with the [Richardson Innovation Quarter](#) (Richardson IQ), a major hub for innovation, entrepreneurship, and educational activities.

Equal Employment Opportunity/Affirmative Action 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.

The University of Texas at Dallas is an [equal opportunity/affirmative action](#) university.

Contact Information

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

Contact

800 West Campbell Road
Richardson, TX 75080