

Open-Rank Tenure-System Faculty Positions -
Mechanical Engineering
The University of Texas at Dallas

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Posted Oct. 11, 2024, set to expire Apr. 11, 2025

Job Title	Open-Rank Tenure-System Faculty Positions - Mechanical Engineering
Department	Mechanical Engineering https://me.utdallas.edu/
Institution	The University of Texas at Dallas Richardson, Texas
Date Posted	Oct. 11, 2024
Application Deadline	Dec. 15, 2024
Position Start Date	Aug. 1, 2025
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Energy Technology Engineering - Other Engineering Mechanics Manufacturing & Quality Engineering Mechanical Engineering
Job Website	https://jobs.utdallas.edu/
Apply Online Here	https://jobs.utdallas.edu/postings/27595
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Job Description	

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Position Description

The Department of Mechanical Engineering in the Erik Jonsson School of Engineering and Computer Science at The University of Texas at Dallas (UT Dallas) invites applications for two open-rank tenure-system faculty positions in Mechanical Engineering. Applicants from all areas of mechanical engineering are encouraged to apply. Special priority will be given to applicants whose scholarship focuses on the areas of advanced manufacturing, energy science and technology, health innovation, semiconductor science and technology, transportation science and engineering, advanced design, and mechanics of materials.

Successful applicants will be required to teach undergraduate and graduate courses in the core curriculum and in their specialization area; to advise and mentor graduate students; to develop an independent, externally funded research program; to participate in all aspects of the department's activities; and to provide service to the UT Dallas and professional communities.

The appointment commences for the fall 2025 semester.

Qualifications

Minimum Education and Experience: A PhD or equivalent in Mechanical Engineering or a related 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.

The Department and School

The Department of Mechanical Engineering at UT Dallas was founded in 2008 and offers BS, MS, and PhD degrees. According to 2022 US News and World Report, the department is ranked #3 among mechanical engineering departments in Texas public universities. The department is home to approximately 1000 undergraduate students, 200 graduate students, and 46 faculty. Our faculty are highly decorated with 12 NSF CAREER awards and 11 Young Investigator Program awards. The department is primarily housed in a new building with 200,000 square feet for teaching and research, opened in fall 2019, and home to a unique boundary layer and subsonic wind tunnel. Central university facilities include materials characterization techniques and cleanroom equipment, and high-

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performance computing clusters. The close proximity to the UT Southwestern Medical Center and joint graduate programs offers outstanding opportunities for collaborative and translational 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.
- Full contact information for at least three academic or professional references.

Priority will be given to completed applications received by 11/15/2024. Reviews will continue until the position is filled or the search is closed on 12/15/2024.

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 30,000 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 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

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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