

Tenured/Tenure-Track: Open Rank and Title- Mechanical
Engineering
Texas A&M University - College Station

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Posted Aug. 23, 2024, set to expire Dec. 22, 2024

Job Title	Tenured/Tenure-Track: Open Rank and Title- Mechanical Engineering
Department	Mechanical Engineering https://engineering.tamu.edu/mechanical/index.html
Institution	Texas A&M University - College Station College Station, Texas
Date Posted	Aug. 23, 2024
Application Deadline	October 15, 2024 or Until Filled
Position Start Date	Aug. 1, 2025
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Mechanical Engineering Engineering Mechanics Engineering - Other
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Job Description	

The J. Mike Walker '66 Department of Mechanical Engineering, with the College of Engineering, at the Texas A&M University invites applications for a full-time, tenure-track or tenured assistant/associate/full

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professor-level position with a nine-month academic appointment, and the possibility of an additional summer appointment contingent upon the need and availability of funds, beginning Fall 2025. The department will consider individuals with demonstrated expertise and experience in **manufacturing and processing of powder-based materials, specifically in related topics such as advanced diagnostics, heat transfer and fluid flow modeling, and mechanical and physical behavior of advanced and novel materials, such as those required for elevated temperature and/or nuclear applications.**

The successful applicants will be required to teach, advise, and mentor graduate students, develop an independent, externally funded research program, participate in all aspects of the department's activities, and serve the profession. Strong written and verbal communication skills are required. Applicants should visit <http://engineering.tamu.edu/mechanical> to review our academic and research programs.

The Department

The J. Mike Walker '66 Department of Mechanical Engineering at Texas A&M University in College Station, Texas has a strong local, national, and international reputation as a premier undergraduate and graduate education and research program. The department's undergraduate program is ranked No. 6 and its graduate program is ranked No. 8 among public institutions by U.S. News & World Report. The department ranks No. 1 nationally among mechanical engineering programs, according to the ShanghaiRanking global ranking of academic subjects. The department has 78 tenured or tenure track faculty and 28 research and teaching professionals that support our teaching, research, and service missions. The department has approximately 1,500 undergraduate students (sophomore-senior) and over 275 Ph.D. students critical to our mission. Our doctoral program produces highly trained mechanical engineers for placement as professors and researchers at competitive universities, in industries in Texas, the nation, and internationally, and as researchers in national laboratories. There is also a large M.S. program with over 230 students who are an integral part of the research enterprise of the department. Mechanical engineering graduate students are supported by a broad spectrum of funding sources, including federal and international research grants, industrial contracts, and through major research centers, such as the Turbomachinery Laboratory, Center for Autonomous Vehicles and Sensor Systems, Center of Innovation in Mechanics for Design, INVENT Lab, StarLab and the Energy Systems Laboratory. We also have approximately 50 masters of engineering students enrolled.

The University

Texas A&M University is located in the twin cities of Bryan and College Station, Texas, with a

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population of more than 273,000 and is conveniently centrally located in a triangle formed by Dallas, Houston and Austin. Texas A&M has more than 69,400 graduate and undergraduate students enrolled. Research expenditures total more than \$922 million annually, ranking Texas A&M in the top tier of universities nationwide. The Texas A&M University System has an endowment valued at more than \$13.6 billion and Texas A&M University ranks 3rd among U.S. public universities and 8th overall. With more than 720 faculty members and over 22,000 students, the College of Engineering is one of the largest engineering schools in the country. The college is ranked 6th in graduate studies and 7th in undergraduate programs among public institutions by U.S. News & World Report, with nine of the college's 15 departments ranked in the Top 10. The college is also ranked 2nd in research expenditures by the American Society for Engineering Education. Texas A&M is aware that attracting and retaining exceptional faculty often depends on meeting the needs of two careers and having policies that contribute to work-life balance.

EEO/AA Policy

Applicants must have an earned doctorate in mechanical engineering or a closely related engineering or science discipline.

Contact Information

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

Contact Jen Bloom
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