



TEXAS A&M UNIVERSITY

J. Mike Walker '66 Department of
Mechanical Engineering

TRANSFORMING ENGINEERING EDUCATION

FACULTY SEARCH

TENURED/TENURE TRACK ASSISTANT/ASSOCIATE/FULL PROFESSORS

engineering.tamu.edu/mechanical

The J. Mike Walker '66 Department of Mechanical Engineering at Texas A&M University invites applications for two tenured or tenure-track assistant, associate or full professor-level positions with a nine-month academic appointment, and the possibility of an additional summer appointment contingent upon need and availability of funds, beginning Fall 2022.

Human Health or Advanced Manufacturing in Mechanical Engineering The primary focus is on individuals with expertise and experience in emerging research fields with applications in human health or advanced manufacturing. In both application fields, the preferred candidate will be building on strong mechanical engineering fundamentals while building on and extending advanced technical capabilities and emerging concepts. The successful applicant 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.

Thermodynamics and Heat Transfer - Living Biological Systems The department will consider individuals with demonstrated expertise and experience in thermodynamics and heat transfer as applied to the preservation of living biological systems. Complementary skills and/or knowledge in nanotechnology, materials science, sensors and physical/analytical and biological assessments are desired. The successful applicant 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.

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 has 67 tenured or tenure track faculty and 23 research and teaching professionals that support our teaching, research and service missions. The department has 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 170 students that 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 and the Energy Systems Laboratory.

Texas A&M University is located in the twin cities of Bryan and College Station, TX, with a population of more than 273,000, and is conveniently located in a triangle formed by Dallas, Houston and Austin. Texas A&M has more than 69,300 graduate and undergraduate students enrolled. Research expenditures at Texas A&M total more than \$922 million annually, ranking in the top tier of universities nationwide. With an endowment valued at more than \$11.5 billion, the university ranks third among U.S. public universities and eighth overall. 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. For more information visit dof.tamu.edu. With close to 700 faculty members and over 20,000 students, the College of Engineering is one of the largest engineering schools in the country. The college is ranked eighth in graduate studies and seventh in undergraduate programs among public institutions by U.S. News & World Report, with seven of the college's 15 departments ranked in the Top 10. The college is also ranked 3rd in research expenditures by the American Society for Engineering Education.

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

Application Instructions: Applicants should submit a cover letter, curriculum vitae, teaching statement, research statement, diversity statement and a list of four references (including postal addresses, phone numbers and email addresses) by applying at apply.interfolio.com/97484 and apply.interfolio.com/97489. Full consideration will be given to applications received by December 15, 2021. Applications received after that date may be considered until position is filled. For more information, contact Sharli Nucker at snucker@tamu.edu.



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Texas A&M University is committed to enriching the learning and working environment for all visitors, students, faculty, and staff by promoting a culture that embraces inclusion, diversity, equity, and accountability. Diverse perspectives, talents, and identities are vital to accomplishing our mission and living our core values.
Equal Opportunity/Affirmative Action/Veterans/Disability Employer committed to diversity.