



TEXAS A&M UNIVERSITY

J. Mike Walker '66 Department of
Mechanical Engineering

TRANSFORMING ENGINEERING EDUCATION

SEEKING: TENURED/TENURE FACULTY MEMBER IN TRIBOLOGY, SURFACE ENGINEERING AND MECHANICAL ENGINEERING

Position Description:

The J. Mike Walker '66 Department of Mechanical Engineering at Texas A&M University invites applications for a tenured or tenure-track assistant, associate or full professor level position with a nine-month academic appointment, and the possibility of an additional summer appointment contingent upon need and availability of funds, beginning Fall 2022. The department will consider individuals with demonstrated expertise and experience in computational modeling/simulation methods, artificial intelligence and machine/deep learning algorithms for addressing underlying atomic/molecular scale mechanisms that govern friction, wear, and lubrication. We will also consider candidates with strong hands-on experience in nano, micro, and macro-scale experimental studies involving friction, wear, and lubrication. Furthermore, complementary skills and/or knowledge base in surface engineering and coatings as well as surface and structure analytical characterization techniques and advanced mechanical/tribological testing 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. Applicants should consult the department's website to review our academic and research programs (<http://engineering.tamu.edu/mechanical>).

Qualification:

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

Discipline:

Tribology, surface engineering, and mechanical engineering or associated fields

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 for this specific position online.

Apply at: <https://apply.interfolio.com/84182>

More Information:

<https://engineering.tamu.edu/mechanical/index.html>

