

FACULTY JOB POSTING

MATERIALS SCIENCE AND ENGINEERING TENURE-TRACK/TENURED: ASSISTANT PROFESSOR OR ASSOCIATE PROFESSOR

The Department of Materials Science and Engineering (MSEN), College of Engineering at Texas A&M University, invites applications for one (1) full-time tenured or tenure-track faculty position, at the Assistant Professor or Associate Professor level, with a 9-month academic appointment and the possibility of an additional summer appointment contingent upon the need and availability of funds, beginning **August 1, 2027**.

The department will consider individuals with demonstrated expertise and experience in the synthesis, processing, and consolidation of powder-based metals and ceramics. Priority will be given to candidates with research activities investigating powder synthesis via atomization and milling, and other state-of-the-art techniques, and the fundamental science governing heat transfer, solidification and microstructure evolution in advanced materials. Successful candidates will join the faculty cluster affiliated with the recently established Center for Alloy and Powder Synthesis (CAPS) advancing powder-based materials science, supported by expanding experimental capabilities. They will also be able to collaborate with and leverage the recently awarded NSF Autonomous Robotic Metallurgist Materials Innovation Platform (ARM-MIP).

The successful applicant will be required to teach; advise and mentor undergraduate and graduate students; develop an independent, externally funded research program; participate in all aspects of the Department's activities; and serve the profession. Through effective collaboration across the discipline of engineering, the MSEN department has numerous opportunities for the development of laboratories and sponsorship of research activities. MSEN is a relatively new and growing department, currently with **22 full time and 6 joint tenured/tenure-track faculty**. The student enrollment has continuously grown since the establishment of the department, and currently we have about **300 undergraduate students** (sophomore, junior, and seniors), and about **200 graduate students**. MSEN is an integral part of the TAMU College of Engineering, with excellent interaction with faculty in other engineering programs to support large-scale college initiatives and access to graduate students to assist in research activities. Strong written and verbal communication skills are required. Applicants should consult the Department's website to review our academic and research programs (engineering.tamu.edu/materials).

Zachry Engineering Education Complex Outstanding facilities to support teaching and research:

- Soft Matter
- Materials Characterization Facility
- Microscopy and Imaging Center
- AggieFab Nanofabrication Facility
- CAPS
- MDC²

Apply at: apply.interfolio.com/190627

For questions regarding the application process or other inquiries, please contact

[Mr. Kyle Broxon](mailto:Mr.Kyle.Broxon@tamu.edu) | kbroxon@tamu.edu

QUALIFICATIONS

Applicants must have an earned doctorate in materials science and engineering or a closely related engineering degree.

APPLICATION INSTRUCTIONS

Applicants must submit a cover letter, curriculum vitae, a personal statement (personal statement to include philosophy and plans for research, teaching, and service, as applicable), and a list of four references (including postal addresses, phone numbers and email addresses) by applying for this specific position at **<http://apply.interfolio.com/190627>**. Full consideration will be given to applications received by November 30, 2026. Applications received after that date may be considered until position(s) are filled. It is anticipated the appointment(s) will begin **August 1, 2027**.

FACULTY FEATURES



Dr. Julie Schoenung is a professor in the Department of Materials Science and Engineering and the J. Mike

Walker '66 Department of Mechanical Engineering and holds the Wofford Cain Chair III. Her research seeks to provide fundamental insight into structure processing-property mechanistic relationships in a variety of material systems.



Dr. Enrique J. Lavernia is a professor in the Department of Materials Science and Engineering and the J. Mike

Walker '66 Department of Mechanical Engineering and holds the M. Katherine Banks Chair. His research interests include the synthesis and behavior of nanostructured and multi-scale materials with particular emphasis on processing fundamentals and physical behavior.