



TEXAS A&M UNIVERSITY
Department of Materials
Science and Engineering

TENURE-TRACK: ASSISTANT PROFESSOR IN MATERIALS SCIENCE AND ENGINEERING – QUANTUM MATERIALS

A university-wide cluster hire across engineering and science, with one tenure-track position in Materials Science and Engineering. 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.

THE POSITION

The Department of Materials Science and Engineering (MSEN) in the College of Engineering at Texas A&M University invites applications for a full-time, tenure-track Assistant Professor in Quantum Materials.

The successful candidate will establish and lead an internationally recognized, externally funded research program emphasizing experimental synthesis/growth and characterization of emergent quantum materials.

THE CLUSTER HIRE

This position is one of five faculty hires across engineering and science. Together, they strengthen an interdisciplinary community at the intersection of physics, chemistry, materials science, and electrical engineering, spanning synthesis, characterization, theory, computation, and device development.

RESPONSIBILITIES

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.

AREAS OF INTEREST

Including, but not limited to:

- Experimental synthesis and growth of quantum materials and related systems
- Emergent properties and phenomena of quantum materials
- Low-dimensional and correlated quantum materials for twistronics, spintronics, and devices
- Defects and solid-state qubits for quantum sensing
- Topological phases and quantum geometry for quantum information science

QUALIFICATIONS

Earned doctorate in Materials Science and Engineering or a closely related science or engineering discipline at the time of appointment. Demonstrated potential for excellence in teaching, research, and service. Strong written and verbal communication skills. Postdoctoral experience or equivalent highly desirable, not required.

HOW TO APPLY

Submit a cover letter, curriculum vitae, personal statement (research, teaching, and service plans), and four references with phone numbers, postal addresses, and email addresses. Applications are reviewed on a rolling basis and may be considered after the deadline until the position is filled.

Appointment anticipated to begin August 1, 2027.

FULL CONSIDERATION BY DECEMBER 1, 2026

apply.interfolio.com/192972



For questions regarding the application process or other inquiries, please contact Mr. Kyle Broxon at kbroxon@tamu.edu.