



TEXAS A&M UNIVERSITY

Department of Nuclear Engineering

Tenure-Track Assistant and Associate Professors

The Department of Nuclear Engineering, College of Engineering at Texas A&M University (TAMU) invites applications by exceptional candidates for multiple full-time tenure-track positions at the assistant or associate professor levels with a 9-month academic appointment, and the possibility of an additional summer appointment contingent upon need and availability of funds, beginning August 1, 2026.

Specialties of interest include, but are not limited to, nuclear fuel and materials (with focus on materials behavior and degradation in extreme environments), fusion science and engineering (with focus on power engineering, laser technologies, and plasma science and engineering), and computational methods and computational physics (including, for example, Multiphysics analysis of advanced nuclear reactors, radiation transport methods, and modeling of coupled phenomena).

The search seeks candidates with experimental and/or computational skills. All applicants are encouraged to consider the integration of Artificial Intelligence and Machine Learning into their research and teaching plans. Successful candidates will be expected to conduct original scholarly research, build self-sustaining research programs, teach both graduate and undergraduate courses, mentor students and contribute to the department's mission and performing service.

Established in 1958, the Department of Nuclear Engineering at TAMU is one of the nation's oldest and most distinguished programs. It lies within TAMU's College of Engineering, which in FY 2024 achieved the distinction of having the largest research expenditures in the US (\$463 Million). Its student population of 525 (graduate and undergraduate) is the largest in the nation. The Department is currently playing a central role in the plans of TAMU and the State of Texas for establishing nuclear power and advanced reactors as a dominant source of clean energy in the 21st century. It has unique infrastructure and centers that include the Fuel Cycle and Materials Laboratory (FCML), the Center for Nuclear Security Science & Policy Initiatives (NSSPI), the Center for Large-Scale Scientific Simulations (CLASS), and the Center for Advanced Small Modular and Microreactors (CASMR). In addition, incoming faculty will have access to the Nuclear Engineering and Science Center and its TRIGA reactor to support their experimental and computational research.

The department offers B.S., M.S., M.E., and Ph.D. degrees in nuclear engineering and an undergraduate minor in radiological health engineering. The vast majority of graduate students are funded via research assistantships, teaching assistantships, and fellowships. The undergraduate program has held accreditation from the Accreditation Board for Engineering and Technology, Inc. (ABET) since 1969.

Applicants must have earned a doctorate in Nuclear Engineering, or other suitable Engineering Field or Natural Sciences such as Physics.

Applicants must submit a cover letter, curriculum vitae, 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). Full consideration will be given to applications received by December 5, 2025. The anticipated start date for these positions is August 1, 2026.

Apply for these positions
<https://apply.interfolio.com/173217>

For questions regarding the
application process or other inquiries,
please contact Laurie McArthur,
lmcarthur@tamu.edu