The Department of Nuclear Engineering at the University of Tennessee, Knoxville (UTK) is seeking applications to fill two tenure-track faculty positions at the Assistant or Associate Professor level starting either January 1, 2019 or August 1, 2019. Duties will include teaching undergraduate and graduate courses in nuclear engineering-related subjects, generating externally funded research, advising graduate students, writing scholarly journal articles, and providing service to the department, college, university, and community. Applicants must have a doctorate in Nuclear Engineering or a closely related field by the effective date of appointment.

The University of Tennessee Nuclear Engineering Department is part of the Tickle College of Engineering which has the fastest growing PhD program among the Top 40 public colleges of engineering. The department has the largest PhD program in the United States and over $11M in research expenditures. According to ASEE, it has the second largest undergraduate program. In 2021, it will move into a new $129M building that will house 23 new nuclear engineering laboratories. UTK has close collaborations with ORNL and Y-12 and is located close to the beautiful Smoky Mountains.

Applicants should be able to contribute to existing courses and research activities in nuclear engineering, as well as to develop new avenues of research and teaching. The preferred areas of research and teaching specialization include reactor physics, reactor dynamics and safety, thermal hydraulics, computational fluid dynamics, multiphysics, or advanced reactor design. However, research experience in the areas of nuclear materials research with a focus on advanced manufacturing for nuclear environments or reactors; nuclear system instrumentation & controls; monitoring and diagnostics; radiation detection; nuclear security; nuclear materials safeguards; nuclear medicine; nuclear chemistry; criticality safety; or numerical methods development for nuclear engineering applications, will also be considered. Preference will be given to candidates who have demonstrated research success that complements existing University of Tennessee strengths, and with the ability to demonstrate collaborative research activities. In addition to demonstrated excellence in research and the potential for developing a highly visible, externally funded research program, successful candidates will also have demonstrated the potential for high-quality undergraduate and graduate teaching.

The University of Tennessee is seeking candidates who have the ability to contribute in meaningful ways to the diversity and intercultural goals of the University. The University welcomes and honors people of all races, genders, creeds, cultures, and sexual orientations; and values intellectual curiosity, pursuit of knowledge, and academic freedom and integrity. Applications should be submitted electronically, following instructions found at http://ne.utk.edu/faculty-position-available/. Applications should include a curriculum vitae, a select subset of publications, a statement of research and teaching interests, a letter articulating the applicant’s interest in and qualifications for this position. Applications will be reviewed continuously, but those received by 30 September 2018 will receive priority.

The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment and admission without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, genetic information, veteran status, and parental status.