

Full Professor of Nuclear Engineering
University of Tennessee, Knoxville

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Posted Oct. 29, 2024, set to expire Mar. 2, 2025

Job Title	Full Professor of Nuclear Engineering
Department	Nuclear Engineering https://ne.utk.edu/
Institution	University of Tennessee, Knoxville Knoxville, Tennessee
Date Posted	Oct. 29, 2024
Application Deadline	Open until Filled
Position Start Date	Fall 2025
Job Categories	Professor
Academic Field(s)	Nuclear
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Job Description	

The Tickle College of Engineering (TCE) at the University of Tennessee, Knoxville (UTK) is seeking applications to fill a faculty position at the Full Professor level in 2025. This initiative is part of an approved Radioisotopes Cluster hire to bolster UTK's strength in the development and use of radioisotopes in all related fields, such as but not limited to, isotope production, radiochemistry, and applications of radioisotopes. Preference will be given to candidates with demonstrated research success in one or more of these areas with the vision to develop collaborative research activities, and are committed to high-quality undergraduate and graduate student education.

The Radioisotopes Cluster was approved and launched in 2022, and several hires have been completed since its inception. In continuation of these recent hires, the Radioisotopes Cluster is seeking to fill its senior-level faculty vacancy. The TCE recently opened the Zeanah Engineering Complex, which is a new \$129M building that houses 27 nuclear engineering laboratories. This

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includes over 4500 square feet of radiochemistry research laboratory space and a radiochemical teaching laboratory suite that will be available to the successful candidate. UTK Nuclear Engineering (NE) has continued to make investments in the radioisotopes research areas including a new \$1M small animal PET/CT as well as radioanalytical chemistry instrumentation (ICP-MS, HPLC, iTLC, etc.).

This search aligns well with the current initiatives at Oak Ridge National Laboratory (ORNL) and UT-Oak Ridge Innovation Institute (UT-ORII), including the recently funded \$20M Convergent Research Initiative (CRI) in Development and Advancement of Radiopharmaceutical Therapies (DART). The selected candidate will choose which TCE department participating in the Radioisotopes Cluster (Nuclear Engineering, Biomedical Engineering, or Chemical Engineering) they will join. The long-term plan for hires within this cluster include 1) development of new radiochemistry labs, 2) development of enhanced radioisotope curriculum and establishment of a summer school in collaboration with partners at ORNL and UT-ORII, 3) expand partnerships with local hospitals, veterinary centers, and/or businesses with interests in isotope use and research, and 4) establishment of transformational campus-based research center(s).

Qualifications

Applicants must have a doctorate degree in nuclear engineering, biomedical engineering, chemical engineering, chemistry, or a related field and be eligible for appointment at the rank of Full Professor. Applicants must be able to contribute to existing courses in the chosen TCE department, advise/train graduate students in the production and/or use of radioisotopes, provide service to the university and community, contribute to current research activities in radioisotopes, and develop new avenues of research and teaching.

EEO/AA Policy

Equal Employment Opportunity Statement

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, or

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any other characteristic protected by federal or state law. In accordance with the requirements of Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990, the University of Tennessee affirmatively states that it does not discriminate on the basis of race, sex, or disability in its education programs and activities, and this policy extends to employment by the university. Requests for accommodations of a disability should be directed to the Office of Equal Opportunity and Accessibility, 1840 Melrose Avenue Knoxville, Tennessee 37996-3560 or eo@utk.edu or (865)974-2498. Inquiries and charges of violation of Title VI (race, color and national origin), Title IX (sex), Section 504 (disability), the ADA (disability), the Age Discrimination in Employment Act (age), sexual orientation, or veteran status should be directed to the Office of Investigation & Resolution 216 Business Incubator Building 2450 E.J. Chapman Drive Knoxville, Tennessee 37996 or (865)974-0717 or investigations@utk.edu.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

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