

## ASSISTANT PROFESSOR of RADIOCHEMISTRY

**The Department of Chemistry at Tennessee Tech University** invites applications for a full-time, nine-month, tenure-track position in Radiochemistry beginning August 1, 2021. A Ph.D. in radiochemistry, or closely related area (inorganic or analytical chemistry, preferred) from an accredited institution with research interests that include the use of radioisotopes is required. Postdoctoral experience is required. TN Tech University is a comprehensive institution of higher education with particular strengths in science and engineering situated in the beautiful Upper Cumberland region of Tennessee between Nashville and Knoxville. The department confers an ACS-certified B.S. and M.S. in chemistry and participates in the interdisciplinary Ph.D. program in Environmental Sciences. A detailed description of the Department of Chemistry, the Environmental Science Ph.D. Program, and the university is available at: [https:// www.tntech.edu/cas/chemistry/](https://www.tntech.edu/cas/chemistry/).

The successful applicant will be expected to establish a sustainable research program involving both undergraduate and graduate students that complements existing research efforts of the department, while vigorously pursuing external support. Construction is nearing completion on a new interdisciplinary laboratory science facility for research and teaching which includes 1200 ft<sup>2</sup> of dedicated space for radiochemistry research. The department maintains a TN Radioactive Material License which allows the use of a wide variety of  $\beta$  /  $\gamma$ -emitting isotopes, as well as smaller quantities of certain  $\alpha$  emitters for teaching and research. Competitive startup funds to initiate experiential research with TN Tech students are available. The department strongly encourages interaction with Oak Ridge National Laboratory in the candidate's area of interest. Teaching expectations are proposed to be at the undergraduate and graduate levels depending on the successful candidate's background and expertise and could include responsibility for instruction in general, analytical, or inorganic chemistry, in addition to teaching biennially the dual-listed course in radiochemistry. The successful candidate will also be expected to effectively participate in service activities at the department and/or university level as assigned, in addition to serving the university in the capacity of the campus radiation safety officer.

The complete position summary is available at: [https:// jobs.tntech.edu/](https://jobs.tntech.edu/). All applications must be submitted online. A completed application will consist of a letter of application, statement of research interests (limited to 5 pages) which includes estimated startup costs, teaching philosophy statement (limited to 2 pages), a curriculum vita, copies of all transcripts for which a degree was conferred, and the names and email addresses of three professional references who will be contacted to submit a letter of support on behalf of the applicant.

Questions should be directed to Dr. Jesse D. Carrick, Chair of the Radiochemistry Search Committee, email: [jcarrick@tntech.edu](mailto:jcarrick@tntech.edu). For full consideration, completed applications should be received in advance of the screening date. Selected candidates will be requested to interview in person and on campus commensurate with state of TN and Federal COVID-19 guidelines.

Tennessee Tech is committed to a diverse workforce by fostering an inclusive work environment for students, faculty, and staff. Successful candidates should have a demonstrated commitment and contribution to fostering and advancing equity, diversity and inclusion. Tennessee Tech is an Equal Opportunity/Affirmative Action employer.