Tenure-Track Assistant Professor
Department of Material Science and Engineering
University of Tennessee, Knoxville

The Department of Materials Science and Engineering (MSE) at the University of Tennessee, Knoxville (UTK) invites applications for a tenure-track faculty position at the rank of Assistant Professor in the area of structural materials. Specific areas of interest include, but are not limited to, thermodynamics and kinetics of metals and alloys, structural alloy design and synthesis, phase transformation, solidification, mechanical behavior, metal forming and joining, corrosion, and additive manufacturing. Candidates with backgrounds in experimental, theoretical, and/or computational materials research in the areas mentioned above are all encouraged to apply. The successful candidate will be expected to establish strong sponsored research programs in collaboration with faculty members at the University and encouraged to develop collaborations with scientists at the nearby Oak Ridge National Laboratory (ORNL).

Applicants must hold a doctorate degree in materials science and engineering, metallurgy, or closely related field of study and have an established record of excellence in their area of specialization. The successful candidate must also have a balanced perspective on research and teaching/mentoring of the subjects mentioned above at the undergraduate and graduate levels.

Application package should be submitted as a single (PDF) electronic file to MSESearch1@utk.edu. The required documents are: (1) a cover letter, (2) curriculum vitae including a list of publications, (3) the names and contact information (address, phone number, and email address) of five professional references, (4) a research statement (maximum two pages), (5) a teaching statement (maximum two pages), and (6) copies of three most significant papers. Review of applications will begin on November 1, 2017, and continue until the position is filled. Anticipated start date is on or after August 1, 2018.

The MSE Department is entering a significant new era and plays an important role in the college’s and university's vision to become a Top-25 public research institution and to take advantage of unique opportunities for research partnerships with ORNL. MSE also interacts with research centers including the Joint Institute for Advanced Materials (JIAM), Joint Institute for Neutron Sciences (JINS – Shull Wollan Center), Joint Institute for Computational Sciences (JICS), Center for Nanophase Materials Sciences (CNMS), Center for Materials Processing (CMP), and the Scintillation Materials Research Center (SMRC). The Department has a current enrollment of approximately 200 students, including 120 undergraduates and 80 graduate students, with 19 tenured/tenure-track faculty with over $1 million in annual research expenditure and approximately 30 other adjunct and research faculty, many with joint appointments at ORNL or other departments within the Tickle College of Engineering (TCE) (http://www.engr.utk.edu/mse/). The TCE, with eight academic departments with more than 3,000 and 1,000 undergraduate and graduate students, respectively, is ranked by US News as 33rd among public colleges of engineering granting the PhD.

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 without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or covered veteran status.