MECHANICAL, AEROSPACE AND BIOMEDICAL ENGINEERING
Tenure Track Position in Mechanical or Biomedical Engineering

The Department of Mechanical, Aerospace and Biomedical Engineering (MABE) at The University of Tennessee, Knoxville invites applicants for at least one tenure-track position at the rank of Assistant or Associate Professor in Mechanical or Biomedical Engineering. Responsibilities include teaching engineering courses at both the undergraduate and graduate levels, conducting research in engineering, developing externally funded research programs, and producing archival publications in leading scholarly journals. It is expected that the candidate will develop graduate courses in her/his area of research to complement the departmental growth. A Ph.D. is required at the time of appointment in Mechanical or Biomedical Engineering or a related field of engineering. All outstanding candidates possessing a strong background in fundamental science and engineering relevant to mechanical or biomedical engineering will be considered, as at least one position is anticipated.

Primary consideration will be given to those with capabilities and interests in various aspects of biomedical engineering spanning the principles of mechanical engineering, biological and material sciences and advanced manufacturing technologies. Specific emphasis will be given to candidates with proven expertise in the emerging convergence between biomechanics at different length and time scales under in-vivo conditions, topology optimization and functionalization of biomedical implants with biosensors, brain-machine interface engineering and signal processing, data-sciences and artificial intelligence, and prognosis based personalized medicine. Ability to lead core research areas and comfort with convergent research within a team atmosphere is valued.

The College of Engineering is undergoing a period of substantial growth in both physical infrastructure and research expenditures as it seeks to become a Top-25 ranked Public Institution. The College presently has seven departments with 163 faculty, 3,340 undergraduates and 1,134 graduate students. The Department currently has 34 tenure track faculty and enrolls some 1,267 undergraduate and 194 graduate students. Research expenditures in the department are currently at $12M per year. Extensive opportunities for collaborative research exist at UTK and the surrounding region including the Oak Ridge National Laboratory and the UT Medical Center. More information regarding the Department may be found at http://www.engr.utk.edu/mabe/.

Review of applications will begin January 7, 2019, and will continue until the position is filled. The anticipated start date of the new position is August 1, 2019. Salary is commensurate with the position and experience of the applicant. Applications must include (1) a concise letter of intent outlining the applicant’s research and teaching goals and objectives; (2) a comprehensive curriculum vitae; (3) a statement of research and teaching interests; and (4) the names and contact information of at least five references. The application package should be submitted as a single document. The required method of application or nomination is by email to mabembmesearch19@utk.edu. Inquiries into this search should be addressed to the Search Chair, Associate Professor Chad Duty at this email address.

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.