



## Tenure-track Biomedical Engineering

# THE UNIVERSITY OF TENNESSEE KNOXVILLE

## MECHANICAL, AEROSPACE & BIOMEDICAL ENGINEERING

The Mechanical, Aerospace, and Biomedical Engineering (MABE) Department at the University of Tennessee is seeking an exceptionally qualified candidate with expertise in an area of biomedical engineering for a tenure-track faculty appointment at the rank of Assistant or Associate Professor.

**QUALIFICATIONS & RESPONSIBILITIES.** All outstanding candidates, including those with industrial experience, will be considered and they are expected to have a strong commitment to teaching excellence and new course development to complement department growth, demonstrate research capabilities enabling robust externally funded research programs, and produce high impact publications. A Ph.D. in biomedical engineering, or a related field of engineering, is required. Research interests and capabilities can span the entire spectrum of engineering solutions to enhance life, but our main interest is expertise in medical device/systems research and development, including the micro and nano scales.

**COLLABORATIVE RESEARCH OPPORTUNITIES.** The University of Tennessee, Knoxville, is a Carnegie R1 institution and the state's comprehensive, land grant, research institution. The College of Engineering, undergoing substantial growth as the university seeks to become a Top-25 ranked Public Institution, has 7 departments with 184 faculty, 2,965 undergraduates, and 932 graduate students. The College of Engineering research expenditures are currently \$68.2M per year.

The MABE Department has 41 tenured or tenure-track faculty as well as 5 Lecturers and a Professor of Practice. MABE enrolls 1,136 undergraduate and 149 graduate students pursuing degrees at all levels in mechanical engineering, aerospace engineering, or biomedical engineering (<http://www.mabe.utk.edu>).

The Knoxville and regional areas have outstanding opportunities for research collaborations. The Department of Energy's Oak Ridge complex, including Oak Ridge National Laboratory, is located 25 miles from the campus. Substantial opportunities exist with surgeons from the Knoxville area, including those from the University of Tennessee Medical Center and UT Graduate School of Medicine. Further opportunities for collaborations exist with faculty from the UT College of Veterinary Medicine, many different engineering departments, and other academic units. This position could be an excellent opportunity for younger faculty to launch their careers or for experienced faculty members to join an excellent team.

**APPLICATION DETAILS.** Review of applications will begin January 2, 2017, and will continue until the position is filled. The anticipated start date of the new position is August 1, 2017. Salary is commensurate with the position and experience of the applicant, and highly competitive with Top-25 institutions. Applications should include: letter of intent; comprehensive curriculum vitae; statement of research and teaching interests; and names, addresses and telephone numbers of at least five references. All application package components should be compiled into a single PDF and emailed to [bmeseach2016@utk.edu](mailto:bmeseach2016@utk.edu) with the subject line "BME Faculty Search."

**INQUIRIES.** Addressed directly to:

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*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.*