The Department of Mechanical, Aerospace and Biomedical Engineering (MABE) at the University of Tennessee is seeking an exceptionally qualified candidate with significant expertise in an area of mechanical engineering for the appointment to the position of Professor and holder of the Richard Rosenberg Endowed Professorship. The successful candidate will be an internationally recognized leader in mechanical engineering; a team player; and able to build multi-participant research programs. The successful candidate will also be able to obtain major research sponsorship, and recruit high-quality graduate students. Applications and nominations are invited for this senior position.

Qualifications
The successful candidate will have a doctorate in mechanical engineering, a proven track record of developing research funding, and a substantial and active research program with archival publications in mechanical engineering. Specific interest and experience related to automotive engineering is highly desirable but not required. Prior academic experience is highly desirable, but not required. Applicants with outstanding industrial research accomplishments are welcomed.

Duties
The Richard Rosenberg Endowed Professor will be a leader in the research efforts of MABE and the College of Engineering. The successful candidate is expected to lead and expand MABE research activities, including but not limited by automotive systems and engineering; to be active in the graduate and undergraduate curricula, and to attract research funding and support for graduate students.

Opportunities for Collaborative Research
The University of Tennessee, Knoxville (UTK), a Carnegie Research I institution, is the state’s comprehensive, land grant, research institution. 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 of Engineering presently has seven departments with 184 faculty, 2,965 undergraduates and 932 graduate students. College of Engineering Research expenditures are currently $68.2M per year.

The MABE Department currently has 41 tenured or tenure track faculty, as well as, 3 lecturers, 2 Clinical Associate Professors and a Professor of Practice. MABE enrolls some 1,108 undergraduate and 149 graduate students, offering degrees at all levels in mechanical engineering, aerospace engineering and biomedical engineering (http://www.mabe.utk.edu). Extensive opportunities for collaboration with faculty from across the university, Oak Ridge National Lab (ORNL), and industry exist at UTK and the
The Knoxville and regional areas in general have outstanding opportunities for research collaboration. The University of Tennessee is home to the $259M Institute for Advanced Composite Manufacturing Innovation (IACMI). IACMI is the fifth Institute in the National Network of Manufacturing Innovation, supported by the US Department of Energy’s Advanced Manufacturing Office. IACMI will be the leader in advanced composite materials and will offer major opportunities for research collaboration to the successful candidate.

The Department of Energy’s Oak Ridge complex that includes the Oak Ridge National Laboratory (http://www.ornl.gov) is located 25 miles from the campus of the University of Tennessee, Knoxville. The National Transportation Research Center (http://web.ornl.gov/sci/transportation/) and the Manufacturing Demonstration Facility (http://web.ornl.gov/sci/manufacturing/) have extensive opportunities for collaboration in all aspects of transportation and advanced manufacturing.

State of Tennessee is home to more than 900 manufacturers and suppliers. Tennessee is ranked #1 for automotive manufacturing strength by business facilities magazine four of the last five years, and ranked #4 for automotive parts suppliers by business facilities magazine in 2013. The Nissan plant is Smyrna is actually the most productive manufacturer in the country. 20 automotive projects have committed 4,565 new jobs across the state and nearly $1.1 billion investment in 2015 alone. Volkswagen has plans to establish a North American market focused R&D Center at their Chattanooga manufacturing plant, which is about an hour’s drive from Knoxville. The new R&D Center will offer unique opportunities for technology innovation with one of the world’s largest automotive corporations.

**Application Review**

Review of applications and nominations will begin upon receipt, and will continue until the position is filled with the intent to interview in early spring. Applications should include a concise letter of intent outlining the applicant’s research goals and objectives, current curriculum vitae, in addition to the names, addresses, and telephone numbers of four references. Applications and nominations should be sent to (electronic submission is preferred): rosensearch2@utk.edu

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All qualified applicants will receive equal consideration for employment and admissions 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. Eligibility and other terms and conditions of employment benefits at The University of Tennessee are governed by laws and regulations of the State of Tennessee, and this non-discrimination statement is intended to be consistent with those laws and regulations. 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. Inquiries and charges of violation of Title VI (race, color, and national origin), Title IX (sex), Section 504 (disability), ADA (disability), Age Discrimination in Employment Act (age), sexual orientation, or veteran status should be directed to the Office of Equity and Diversity (OED), 1840 Melrose Avenue, Knoxville, TN 37996-3560, telephone (865) 974-2498. Requests for accommodation of a disability should be directed to the ADA Coordinator at the Office of Equity and Diversity.