Assistant or Associate Professor, Search 1192

The Department of Mechanical, Aerospace and Biomedical Engineering (MABE) at The University of Tennessee, Knoxville invites applicants for at least one tenure/tenure-track position at the rank of Assistant or Associate Professor in Aerospace or Mechanical Engineering. The positions are located at The University of Tennessee Space Institute (UTSI) in Tullahoma, TN. UTSI is a UTK graduate education and research institute located adjacent to the USAF Arnold Engineering and Development Complex.

Responsibilities include teaching graduate engineering courses, 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 facilitate departmental growth. A Ph.D. is required, at time of the appointment, in Aerospace or Mechanical Engineering or a related field of engineering.

Primary consideration will be given to those with capabilities and interests relevant to aerothermodynamics and propulsion. The department is actively growing in this area and current funded research has driven the need for expansion of our experimental and simulation capabilities. Desirable research areas include, but are not limited to: optical diagnostic techniques, experimental aerothermodynamics, simulations resolving turbulent scales, combustion-oriented research, atmospheric and/or space propulsion research, and uncertainty quantification. However, all outstanding candidates possessing a strong background in fundamental science and engineering relevant to aerospace and/or mechanical engineering will be considered as at least one position is anticipated and there are many emerging opportunities for collaborative multidisciplinary research. The successful applicant(s) will be expected to work closely with Arnold Engineering Development Complex on research projects and relevant academic courses.

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 186 faculty, 3,501 undergraduates and 1,109 graduate students. The Department currently has 39 tenure track faculty and enrolls some 1387 undergraduate and 197 graduate students. Research expenditures in the department are currently at $12M per year. The University of Tennessee Space Institute (UTSI) is located in Tullahoma, TN just over an hour’s drive from Nashville, Chattanooga and Huntsville, AL and supports a significant number of students from AEDC, NASA Marshall Space Flight Center, and regional Aerospace and Defense industry. More information regarding the Department may be found at http://www.engr.utk.edu/mabe/ and www.utsi.edu.

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. APPLICATION PROCESS: 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, email addresses and telephone numbers 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 (hr@utsi.edu). Inquiries into this search should be addressed to the Search Chair, John Schmisseur, at (jschmiss@utsi.edu).

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