Post-Doctoral Research Associate - 16000000K7

Description

The University of Tennessee Space Institute (UTSI) invites candidates to apply for a Postdoctoral Research Associate position in the Mechanical, Aerospace, and Biomedical Engineering (MABE) Department. This position will be supervised by Dr. Trevor Moeller. UTSI offers competitive salaries and excellent benefits.

DUTIES/RESPONSIBILITIES: Responsibilities will include continued development of TEMPEST, an advanced CFD simulation tool that couples the Navier Stokes equations with Maxwell’s equations, help in the writing of proposals to grow externally-funded research proposals, and help in the guidance of graduate research assistants. Familiarity with the following commercial CFD software Fluent, ANSYS, or similarly capable software is strongly desirable. Experience in experimental fluid mechanics and familiarity with flow diagnostic measurement methodologies is desirable. It is expected that the successful applicant will work toward salary recovery through successful proposals. Salary is dependent upon qualifications and experience. Individual must be a U.S. citizen and be capable of obtaining security clearance.

Qualifications

MINIMUM/REQUIRED QUALIFICATIONS: Requires a Ph.D. in Aerospace or Mechanical Engineering.

PREFERRED/DESIRED QUALIFICATIONS: Familiarity with the following commercial CFD software Fluent, ANSYS, or similarly capable software is strongly desirable. Experience in experimental fluid mechanics and familiarity with flow diagnostic measurement methodologies is desirable.

APPLICATION PROCESS: Applicants must apply online through the UTSI Employment website (http://personnel.utsi.edu/jobs.html). Click on “External Applicants” in right hand column. Specify search criteria by entering Tullahoma in the Location box. Click on position to view job description and/or apply. External candidates must create a new account to submit an application. Please submit the following: 1) statement of research interests, 2) CV or detailed resume, and 3) transcripts.

Candidates should also arrange for three (3) confidential letters of recommendation from faculty or work supervisors that can attest to the applicant’s technical capabilities. The letters should make statements on the following: intellectual ability, initiative, originality/creativity, reliability, and communication. The recommendation letters should be sent to Dr. Trevor Moeller, University of Tennessee Space Institute, 411 B.H. Goethert Parkway, Tullahoma, TN 37388-9700 (preferably via email to tmoeller@utsi.edu).

Screening of applicants will begin immediately and will continue until the position has been filled. Please direct any questions regarding this position to the University of Tennessee Space Institute Human Resources office by phone (931) 393-7226 or email hr@utsi.edu.

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.

Requests for accommodation of a disability should be directed to the ADA Coordinator at the UTSI Office of Equity and Diversity.

Job Research Professional
Primary Location US-Tennessee-Tullahoma
Organization Utsi Mabe Program
Schedule Full-time
Campus/Institute Space Institute
Posting Date Apr 28, 2016