FACULTY POSITION IN MECHANICAL ENGINEERING

The Department of Mechanical Engineering at Mississippi State University invites applications for a tenure-track faculty position in the area of computational modeling for integrated thermal, fluid, and structural processes. The applicant’s research should complement related research in the Department, which includes additive manufacturing, materials processing, solid mechanics, fluid mechanics, and thermal systems. It is anticipated that the initial appointment will be made at the rank of Assistant Professor, although a higher rank may be considered for candidates with exceptional background and experience.

It is expected that the successful candidate will have the desire and ability to teach courses at the undergraduate level in thermal/fluid sciences and/or solid/structural mechanics, including courses with finite element analysis (FEA) content and courses at the graduate level related to the areas of his/her research focus.

The Mechanical Engineering department has strong ties with the High Performance Computing Collaboratory (http://www.hpc.msstate.edu/), Center for Advanced Vehicular Systems (http://www.cavs.msstate.edu/) and the Energy Institute (http://www.ei.msstate.edu/). The Department of Mechanical Engineering is one of eight academic departments in the Bagley College of Engineering. The Department offers an ABET-accredited undergraduate program in mechanical engineering, as well as graduate studies leading to MS and PhD degrees. The Department has approximately 770 undergraduates, 90 graduate students, 17 tenure-track faculty members, and two instructors. Annual research expenditures for the department are approximately 13 million dollars. Faculty members play a vital role in several college and university research centers (http://www.me.msstate.edu/) and have developed strong research programs in the areas of computational engineering, energy systems design, materials science and engineering, and solid mechanics.

Interested candidates must apply on-line at https://www.jobs.msstate.edu (PARF #8600). An earned doctorate in mechanical engineering or a closely aligned field (ABD’s will be considered) is required. Candidates are expected to have demonstrated the ability to conduct research at the highest level, and to have a record of, or the promise for, outstanding teaching and supervision of students. Applicants should submit a cover letter, curriculum vitae, names and contact information for at least three professional references, and a statement that describes research and educational interests (limited to three pages). Candidates must also complete the on-line Personal Data Information Form. Application review will begin on February 16, 2015 and will continue until the position is filled.

For further information contact:

Dr. Keith Walters, Search Committee Chair; computational_search@me.msstate.edu

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status or any other characteristic protected by law. Females and Minorities are encouraged to apply.