Tenure-Track Faculty Positions in Thermal-Fluid Sciences in Mechanical Engineering

The Department of Mechanical Engineering at The University of Memphis invites applications for a tenure-track Assistant Professor in the **thermal-fluid sciences** beginning August 2019. Duties include teaching undergraduate and graduate courses in mechanical engineering, obtaining research funding from external sponsors, supervising graduate students, and providing professional service. Applicants must have an earned doctoral degree in mechanical engineering or a related field, or earn the degree within the first semester of hire, have strong communication and teamwork skills, and a commitment to collaborate on interdisciplinary collaborative research.

The University of Memphis is the largest public university and engineering program in western Tennessee and has an enrollment of about 22,000 students. The Herff College of Engineering at The University of Memphis is nationally ranked in both its undergraduate and graduate programs. Over the next few years, several hires are expected in the Department of Mechanical Engineering. The Department has identified advanced manufacturing and sustainable energy as its priority areas, and future hires are expected to be in these areas. The Herff College of Engineering has recently established a Metal Additive Manufacturing laboratory with two laser-based powder bed fusion machines and the associated equipment and infrastructure. Additional information about the college and the department can be found at http://memphis.edu/herff/ and https://memphis.edu/me .

The Department currently has 12 tenured/tenure-track faculty positions and an enrollment of about 375 students pursuing B.S., M.S. and Ph.D. degrees. Additional faculty hires are expected to meet the student growth, as total enrollment in the Herff College has increased by 30% over the last four years. New faculty hires are targeted towards individuals who can build strong externally-funded research programs, participate in interdisciplinary research, grow the departmental masters and doctoral programs, and establish themselves as outstanding educators.

The city of Memphis is an attractive location in Tennessee, and is world-renowned for its music, food, and hospitality. Memphis is home to three Fortune 500 companies (FedEx, International Paper, and AutoZone) and has a strong presence in health, biomedical devices, transportation, automotive, aero-propulsion and entertainment industries. The Herff College has many partnerships with local industry for both research and education applications.

Applications are to be submitted via https://workforum.memphis.edu/postings/20312 . Click on the faculty box to find the posting for the **Thermal-Fluid** Assistant Professor position. Applications must include a teaching and research plan, a comprehensive curriculum vitae, and the full names and contact information (business address, phone number(s), and e-mail address) of three professional references. The committee will begin screening applications on December 1, 2018 and will continue until the positions are filled.