The Department of Mechanical Engineering at the University of Memphis invites applications for a tenure track Assistant/Associate Professor beginning August 2016. A position at the rank of Assoc. Professor will be considered for exceptionally qualified candidates. Duties include teaching undergraduate and graduate courses in mechanical engineering, obtaining externally funded research, supervising graduate students and providing professional service. Candidates at the Assistant Professor rank are expected to demonstrate the potential to develop a visible nationally recognized and externally-funded research program. Required qualifications are a PhD in Engineering or equivalent. While candidates in all areas related to mechanical engineering will be considered, the department is especially interested in candidates in the thermal-fluid sciences with demonstrated expertise in the areas of advanced manufacturing (e.g., additive manufacturing), energy generation, harvesting and storage, renewable energy, nano-technology and thermal management. Candidates are expected to collaborate on multi-disciplinary research.

The University of Memphis is the largest public university and engineering program in western Tennessee. The Herff College of Engineering at University of Memphis is in a growth phase, and several hires are expected in mechanical engineering department over the next few years. The department has identified manufacturing and energy as its priority areas, and future hires are expected to be in these areas. The Herff College of Engineering is in the early stages of establishing a manufacturing center of excellence with the associated equipment and infrastructure, and candidates that can be an integral part of this center will be preferred for this position. Additional information about the college and the department can be found at http://memphis.edu/herff/. The department has 12 tenured/tenure-track faculty positions, and additional faculty hires are expected to meet the student growth in the department which has been strong in the last few years. The mechanical engineering department is the fastest growing program in the Herff College with undergraduate student growth exceeding 25% in the last 3 years (2011-2014). Future faculty hires will be targeted towards individuals who can build strong externally funded research programs, participate in inter-disciplinary 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.

Applications are to be submitted via https://workforum.memphis.edu. Click on the faculty box to find the posting for the Assistant/Associate Professor position. Applications must include a research and teaching plan, a comprehensive curriculum vitae, and the full names and contact information (the address, phone number, and email address) of five professional references.

The committee will begin screening applications on January 1, 2016 and will continue until the position is filled pending availability of funds.

**Required Documents:** Curriculum Vitae; Research Plan; Teaching Philosophy; References List

**Optional Documents:** Copies of 3 best papers