



Tenure-Track Mechanical Engineering Faculty Position in Advanced Manufacturing

The Department of Mechanical Engineering at The University of Memphis invites applications for a tenure-track Assistant Professor beginning August 2021. Duties include teaching undergraduate and graduate courses in mechanical engineering, obtaining research funding from external sponsors, supervising graduate students, and providing professional service. Initiation of and/or collaboration on multi-disciplinary research will be expected. Applicants must have an earned doctoral degree in mechanical engineering or a related field. Candidates in areas related to metal additive manufacturing with emphasis on material mechanical behavior and component performance evaluation will be considered. Preference will be given to applicants with expertise in fatigue and fracture.

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 department has 14 tenured/tenure-track faculty positions and an enrollment of about 350 students pursuing B.S., M.S., and Ph.D. degrees. Well-equipped Metal Additive Manufacturing and Fatigue and Fracture Research laboratories are already available. New 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 and researchers.

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, and entertainment industries. The Herff College of engineering has partnerships with many local engineering companies for both research and education applications.

Applications are to be submitted via <https://workforum.memphis.edu/postings/26077>. Click on this link to find the posting for the 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, 2020, and the search will continue until the position is filled.

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