

Faculty Position Available in Aerospace Engineering

Department of Mechanical Engineering
University of Kentucky

The Department of Mechanical Engineering at the University of Kentucky (<http://www.engr.uky.edu/me/>) seeks candidates for a tenure-track faculty position at the assistant professor level in the area of aerospace engineering. Exceptional candidates at the associate professor level or higher will also be considered. This faculty search is focused on identifying highly qualified candidates with demonstrated expertise in aerospace engineering, which may include but is not limited to: new concepts for aerospace vehicles and systems; multi-objective optimization; power and propulsion; meta-materials; aeroelasticity; structural dynamics; and autonomy and robotics. A candidate's research focus should have a strong aerospace application and candidates must have a PhD or equivalent degree in Aerospace Engineering, Mechanical Engineering, or a related discipline. The successful candidate will possess a strong record of research accomplishments and the capability to develop an active and nationally recognized research program. This faculty search supports the Mechanical Engineering Department's plans to develop undergraduate and graduate degree programs in aerospace engineering. The Department anticipates continued hiring in aerospace engineering over the next few years.

Mechanical Engineering is the largest department in the College of Engineering with 35 tenured and tenure-track faculty members, over 1,000 undergraduate students, and over 120 graduate students. The College has state-of-the-art computational facilities, research labs, and classrooms. The Department's faculty is engaged in federally funded research projects from agencies such as NSF, NIH, NASA, DOE, DOD, DARPA, NIST, and USDA. In addition, the department houses the NASA Kentucky Space Grant and EPSCoR programs and has research centers and consortiums that collaborate extensively with industry. The Department's externally funded research currently averages over \$8M/year in new awards.

This faculty search is part of the Department's strategic hiring plan, which is adding new tenure-track faculty positions in the areas of aerospace engineering; autonomy, robotics, and controls; bioengineering; energy; and manufacturing. This search is targeted at faculty candidates with research expertise in aerospace engineering; however, candidates that can bridge multiple focus areas are encouraged to apply. Candidates must have a strong record of academic scholarship and high potential for excellence in building an externally funded research program, conducting high-impact research, advising graduate students, teaching undergraduate and graduate courses, and providing service to the Department, professional organizations, and the community.

The city of Lexington is ranked #3 Best City to Raise a Family, #21 Best Places to Live in America, and #31 Most Educated City in America. The University of Kentucky is the flagship university for the Commonwealth and is one of only eight universities in the United States that house colleges of agriculture, engineering, medicine, and pharmacy on a single campus.

To apply, please visit the UK Jobs site at: <http://ukjobs.uky.edu/postings/251710>. Applicants should submit a cover letter, full curriculum vitae, research statement (3-page limit), teaching statement (2-page limit), and contact information for 5 references. We request that the teaching statement specifically address undergraduate and graduate teaching interests in aerospace engineering. For full consideration, please apply by December 6, 2019. Review of applications will continue until the position is filled. The desired starting date for this position is August 1, 2020. Requests for further information regarding application procedures may be directed to Troy Howell: (859) 218-0650, troy.howell@uky.edu.

The University of Kentucky is an Equal Opportunity University that values diversity and inclusion. Minorities, veterans, women, individuals with disabilities, and members of other underrepresented groups are strongly encouraged to apply.

