The Department of Aerospace Engineering (ASE) at Mississippi State University (MSU) invites applications for multiple tenure-track faculty positions, with negotiable start date in calendar year 2021. Entry at the Assistant, Associate, or full Professor rank is possible based on qualifications and experience. Outstanding candidates will be eligible for an appointment as the Airbus Helicopters, Inc. Professor.

The specific areas of interest are:
- Astronautics, including space vehicles and spacecraft propulsion
- Experimental aerodynamics
- Unmanned systems, flight mechanics, controls and autonomy
Faculty Position Department of Aerospace Engineering
Mississippi State University

Requirements:
A PhD in aerospace engineering or a closely related field is required. PhD candidates will be considered contingent upon completion of their degree. Excellent oral and written communication skills are required. Preferred qualifications include teaching experience, a substantial record of peer-reviewed publications and demonstrated ability to secure external funding.

About ASE department and MSU facilities:
The Department of Aerospace Engineering (http://www.ae.msstate.edu) has eleven tenure-track/tenured faculty positions and five full-time non-tenured faculty. With over 400 undergraduate and over 50 graduate students, the department offers an ABET-accredited BS degree in aerospace engineering with concentrations in aeronautics and astronautics as well as an MS degree in aerospace engineering and a PhD degree in engineering with a concentration in aerospace engineering. The ASE Department provides Engineering Mechanics instruction in support of multiple engineering disciplines within the Bagley College of Engineering.

MSU (http://www.msstate.edu) is a comprehensive public institution with an enrollment of more than 21,000 students, located in Starkville, MS. Starkville (http://visit.starkville.org) is a small college town that offers a yearly calendar of diverse cultural events. MSU is among the nation’s leading major research universities. With over 100 tenure-track/tenured faculty members, the Bagley College of Engineering (http://www.bagley.msstate.edu) offers over 30 undergraduate and graduate degree programs across eight different academic engineering departments.

Department faculty members are actively engaged in research at state-of-the-art research centers, including the Raspet Flight Research Laboratory (Raspet, http://www.raspet.msstate.edu), the Center for Advanced Vehicular Systems (CAVS, http://www.cavs.msstate.edu), the High Performance Computing Collaboratory (HPCC), and the Marvin B. Dow Advanced Composites Institute (ACI, https://www.aci.msstate.edu). The HPCC currently provides 592 Teraflops of computing power to MSU researchers and maintains HPC capability that is consistently in the top 500 in the world. MSU is the lead organization for the Federal Aviation Administration (FAA) center of excellence known as the Alliance for System Safety of UAS through Research Excellence (ASSURE, www.assureuas.org). In alliance with Raspet, the ASE Department operates the Autonomous Systems Research Laboratory, an indoor arena for experimentation involving autonomous aerial and ground mobile agents. In addition to these research facilities and capabilities, the department has a new subsonic wind tunnel, composites fabrication capability, a fatigue and fracture test lab, and a light gas gun impact lab. The department proudly supports its many students active in award-winning rocketry, unmanned air vehicle, and space hardware competition teams.
Interested parties must apply online at www.msujobs.msstate.edu and attach a cover letter, complete curriculum vitae that includes a list of references, and a research and teaching statement. Applicant screening will begin September 14, 2020, but applications will be accepted until the positions are filled. For further information contact: Dr. Mark Janus, mark@ae.msstate.edu.

EEO/AA Policy

MSU is an equal opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, ethnicity, sex (including pregnancy and gender identity), national origin, disability status, age, sexual orientation, genetic information, protected veteran status, or any other characteristic protected by law. We always welcome nominations and applications from women, members of any minority group, and others who share our passion for building a diverse community that reflects the diversity in our student population.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact
