

FACULTY POSITIONS IN THERMAL-FLUID SCIENCES AND AEROSPACE ENGINEERING

The Department of Mechanical and Aerospace Engineering at Case Western Reserve University is pleased to invite applications for tenure-track positions in the areas of thermal-fluid sciences and aerospace engineering, with an anticipated starting date of August 1, 2018 or thereafter. The positions will be at the Assistant or Associate Professor level, although appointment to Full Professor may be considered for candidate with an excellent track record in scholarship and education, recognition from the research community, and the promise of continued distinction.

Founded in 1826, Case Western Reserve University is a private research university located in Cleveland, Ohio. The site of the famous Michelson-Morley interferometer experiment, the university is associated with 16 Nobel laureates. The Case School of Engineering actively promotes interdisciplinary research collaboration through university-level institutes primarily focused on materials, health care, and energy. The Department of Mechanical and Aerospace Engineering has a renowned history of scholarly activities that have pushed the frontiers of mechanical and aerospace engineering, from space exploration to robotics. In recent years, the faculty have successfully engaged in cutting-edge research across a broad spectrum of classical and emerging fields, including biologically inspired robotics, biomechanics, big data analytics, additive and sustainable manufacturing, nanomaterials, high rate material deformation and failure, multifunctional material systems, energy storage, microgravity fluids, thermal management, fire engineering, etc.

We seek outstanding scholars who demonstrate a clear vision and plan to successfully establish fundamental and competitively-funded research programs in areas including but not limited to fluid mechanics, thermal system management, multifunctional and adaptive aero-structures, aero- and space-propulsion, electric-machines and energy storage, unmanned aerial systems design, and other emerging areas of aerospace engineering with high scholarly impact. A doctorate in Mechanical, Aerospace or a closely related Science/Engineering field is required. In addition, the successful candidate is expected to actively contribute to the core undergraduate and graduate teaching missions of the department, and to engage in departmental, institutional, and professional service activities.

Applicants should submit a cover letter, curriculum vitae, statements on teaching and research, copy of three representative journal papers, and the names and contact information of at least four professional referees. Please send these documents electronically in one PDF file to MAEfacultysearch@case.edu. Evaluation of applications will begin immediately and continue until the positions are filled.

Case Western Reserve University is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regards to race, color, religion, age, gender, sexual orientation, national origin, disability, or protected veteran status.