SYRACUSE UNIVERSITY

Multiple Open Rank Tenure-Track/Tenured Faculty Positions
(#074073)

Department of Mechanical and Aerospace Engineering

The College of Engineering and Computer Science at Syracuse University is in the middle of a transformative plan to hire up to 50 faculty over 5 years across its four Departments. As part of this "50 over 5" initiative, the Department of Mechanical and Aerospace Engineering (MAE) seeks to fill several tenure-track/tenured faculty positions at the rank of Assistant, Associate and Full Professor. While exceptional candidates in all research areas relevant to the MAE Department will be considered, primary fundamental research areas of focus include: (1) Materials for Energy Conversion and/or Storage (e.g. 2D materials, nanocomposites, solid state physics, etc.); (2) Robotics and Autonomous Systems (e.g., legged robots, autonomous vehicles, human-machine interaction, etc.); (3) Cyber Physical Systems (i.e. engineered systems that seamlessly integrate computational algorithms and physical components); (4) Intelligent Control for Building Automation; and (5) Advanced Manufacturing (including Cyber-Manufacturing Security).

It is anticipated that the appointments will begin in Fall 2019. Applicants must have earned a Ph.D. in Mechanical Engineering, Aerospace Engineering, or a related field by the date of appointment. Further information on the MAE department can be found at: http://mae.syr.edu

The Department has close ties with other Departments and on-campus multidisciplinary centers like the Syracuse Center of Excellence in Environmental and Energy Systems (SyracuseCoE) and the Center for Advanced Systems and Engineering (CASE). In addition, New York state opportunities include the New York State Energy and Research Development Authority (NYSERDA) funding opportunities to develop energy efficient technologies, and the recent investment of $250 million for unmanned systems and cross-connected platforms in the central New York state region as part of the Upstate Revitalization Initiative.

The successful candidates will participate in all aspects of the Department’s mission, including development of an independent, externally funded multi-disciplinary research program; teaching undergraduate and graduate courses in mechanical and aerospace engineering; supervision of graduate and undergraduate students; and service responsibilities.

For full consideration applicants must complete an online Application at www.sujobopps.com and attach the application file to job number 074073. Please attach your cover letter, curriculum vitae, statement of research interests, statement of teaching interests, and names and contact information of three references. In the cover letter, please clearly state in which research area you want your application to be considered. The initial screening of applications will begin on October 15, 2018. Applications will be accepted until the position is filled.

Syracuse University is interested in candidates who have the communication skills and cross-cultural abilities to maximize their effectiveness with diverse groups of colleagues, students and community members. Women, military veterans, individuals with disabilities, and members of other traditionally underrepresented groups are encouraged to apply. Syracuse University is an equal opportunity employer, as well as a federal contractor required to take affirmative action on behalf of protected veterans.