

Assistant Professor - Mechanical and Aerospace Engineering (025163)

The L. C. Smith College of Engineering and Computer Science at Syracuse University invites applications for a tenure-track faculty position at the rank of Assistant Professor in the Department of Mechanical and Aerospace Engineering. Specific areas of interest are:

Solid mechanics, in particular, biomechanics with specialization in one or more of the following areas of cardiovascular mechanics, bone mechanics, cellular mechanics, mechanical characterization of soft and hard biological tissues, biomembranes, implant analysis and joint replacement.

Energy systems, in particular, building-related energy supply and conservation with specialization in one or more of the following areas of wind turbines, solar energy conversion and utilization, geothermal energy, combined heating, cooling and power, energy storage, intelligent control of building energy and environmental systems.

Syracuse University is focusing strategically on the two areas of Biomaterials and, Energy and the Environment. Applicants should have a Ph.D. in mechanical engineering, bioengineering or affiliated fields and a record indicating exceptional potential for research in either the biomechanics or energy areas. Opportunities for research collaborations at Syracuse University exist within the Syracuse Biomaterials Institute (<http://biomaterials.syr.edu/>) and the Center of Excellence in Environmental and Energy Systems (<http://www.syracusecoe.org/>) as well as with faculty in other schools and colleges. Collaborative research opportunities exist in adjacent institutions including the SUNY Upstate Medical University and the SUNY College of Environmental Science and Forestry. The Department offers ABET-accredited B.S. degree programs in mechanical engineering and aerospace engineering, M.S. and Ph.D. degree programs in mechanical and aerospace engineering and an M.S. degree program in engineering management.

For full consideration applicants must complete an online Dean/Senior Executive/Faculty Application at www.sujobopps.com and attach curriculum vitae to job number 025163.

In addition, applicants should submit statements of research and teaching interests, and arrange for 3 letters of recommendation to be submitted to Alan J. Levy, Chair, Department of Mechanical & Aerospace Engineering, 149 Link Hall, Syracuse University, Syracuse, NY 13244-1240.

Review of applications will begin August 15, 2009 and will continue until the position is filled. Syracuse University is an equal opportunity/affirmative action employer with a strong commitment to equality of opportunity and a diverse work force. Qualified members of underrepresented groups are strongly encouraged to apply.