



**Professor and Chair (job opening ID#00014800)  
Department of Mechanical Engineering**

The College of Engineering at the University of South Florida invites applications and nominations for the position of Professor and Department Chair in the Department of Mechanical Engineering. The new Chair will have a unique opportunity to impact the direction of a department with a vibrant research environment, a commitment to excellence in undergraduate and graduate education, a strong record of engagement with industrial and community partners, and a trajectory for continued significant growth. The position is expected to commence August 2018. Review of applications will begin on December 1, 2017 and will continue until the position is filled. Candidates should qualify to be appointed as a tenured full professor with expertise in fields related to mechanical engineering. Applicants are expected to have established research enterprises that are well-funded and recognized nationally and internationally. Preference will be given to candidates who possess a significant record of scholarship in programs offering both undergraduate and graduate degrees in mechanical engineering. Experience working in a multicultural and diverse environment will also be considered a strength. Preferred candidates will have a record of leadership and administrative and management responsibilities, which may include leading a large federally-funded research group or center, holding a Chair or Associate Chair position, directing proposal and awards management at federal agencies, or similar assignments.

The College of Engineering at USF has grown dramatically over the past decade, with now more than approximately 7000 students enrolled in the College. The USF College of Engineering is embarking on an ambitious mission to significantly grow its faculty in the coming 5 years by adding more than 100 new faculty to serve its education, research, and service missions. That effort will roughly double the number of faculty in the College. The Department of Mechanical Engineering has likewise grown significantly in recent years, currently enrolling more than 1000 undergraduate students and more than 200 graduate students. There are currently 20 faculty members in the department, with the expectation that a number of new faculty will be added over the next several years. The current faculty represent a diverse range of research interests including robotics, autonomous systems, biomedical engineering, tissue engineering, additive manufacturing, advanced materials, nanomanufacturing, microelectromechanical systems, biosensors, biofluids, clean energy technologies, compliant mechanisms, rehabilitation engineering, system dynamics, composite materials, and sustainable designs. The department has ten professional society fellows and a number of prestigious national teaching and research award winners including the 2012 US Professor of the Year awarded by the Carnegie Foundation for the Advancement of Teaching, five NSF CAREER awardees, and one NSF PECASE awardee. The department currently offers B.S., M.S., and Ph.D. degrees in Mechanical Engineering. In addition to strong external collaborations with academic, private, and government organizations, the department's faculty members have strong collaborations across the College of Engineering, as well as the Colleges of Medicine, Marine Science, Arts & Sciences, Behavioral and Community Sciences and Education. In addition, the department's faculty members have strong ties with a variety of research centers and institutes at USF including the Clean Energy Research Center, Florida Energy Systems Consortium, Functional Materials Research Institute, H. Lee Moffitt Cancer Center and Research Institute, James A. Haley Veteran's Hospital, Center for Assistive Rehabilitation Robotics & Technologies, Center for Wireless and Microwave Information Systems, and USF Health Byrd Alzheimer's Institute.

The University of South Florida System is a high-impact, global research system dedicated to student success. The USF System includes three institutions: USF; USF St. Petersburg; and USF Sarasota-Manatee. The institutions are separately accredited by the Commission on Colleges of the Southern Association of Colleges and Schools. All institutions have distinct missions and their own detailed strategic plans. Serving over 48,000



students, the USF System has an annual budget of \$1.6 billion and an annual economic impact of \$4.4 billion. USF is a member of the American Athletic Conference.

With more than 16,000 employees in the USF System, the University of South Florida is one of the largest employers in the Tampa Bay region. At USF you will find opportunities to excel in a rich academic environment that fosters the development and advancement of our employees. We believe in creating a talented, engaged and driven workforce through on-going development and career opportunities. We also offer a first-class benefit package that includes medical, dental and life insurance plans, retirement plan options, tuition program and generous leave programs and more.

At the heart of USF is a vibrant, diverse and engaged student body. The College of Engineering is on the Tampa campus, which is also home to USF Health, including the Colleges of Medicine, Nursing, Public Health and Pharmacy.

Applicants must electronically submit the application packet to the following website: <http://www.usf.edu/administrative-services/human-resources/careers/> (Applicants search Job Opening ID# 14800). Applicants must submit a detailed curriculum vitae and at least four professional references covering both their scholarship and administrative skills. In addition, the application should include a strategic vision statement and a statement of their research plans. The cover letter should be addressed to Dr. Clifford L. Henderson, Faculty Search Committee Chair, Chemical & Biomedical Engineering, University of South Florida, 4202 E. Fowler Ave, ENB 118, Tampa, Florida, 33620.

Women and minorities are strongly encouraged to apply. To request disability accommodations in the application and interview process, please notify Khoa Dinh, EOL Coordinator at (813) 974-9272.

**USF is an equal opportunity/equal access/affirmative action institution.**