

ASSISTANT PROFESSOR FACULTY POSITION IN
Prosthetics and Assistive Robotics
Department of Mechanical and Aerospace Engineering

The University of California at Davis has a tenure-track position available in the area of **Prosthetics and Assistive Robotics**. The appointment is at the Assistant Professor level. The appointment will be in Mechanical & Aerospace Engineering. Successful candidates will be expected to fit within the Department of Mechanical & Aerospace Engineering, in research, teaching, and department administration. However, the research program of a successful candidate is expected to integrate campus strengths in engineering, neurosciences, and medicine. Candidates interested in helping lead efforts to integrate these disciplines on the UC Davis campus, possibly as part of a new Initiative for Neuroengineering & Medicine, are encouraged to apply. The current positions are part of a cluster of hires that will also include associated positions in neurobiology/motor control and brain-computer interfaces. Interdisciplinary collaborations with other departments within the College of Engineering, School of Veterinary Medicine, School of Medicine, College of Biological Sciences and College of Letters and Science are highly desirable and encouraged through a strong campus Graduate Group system.

We encourage candidates from all specialties within the discipline of Prosthetics and Assistive Robotics. Possible areas include artificial limbs, human-machine interfaces, exoskeletons, cochlear and retinal implants, and any other devices that assist or treat people with disability, or enhance human capabilities. Outstanding candidates in other areas of Prosthetics and Assistive Robotics will also be considered.

UC Davis is one of few universities in the nation that houses a College of Engineering, School of Medicine, School of Veterinary Medicine, Neuroscience programs (including the Neuroscience Graduate Program, the Center for Neuroscience, the Center for Mind & Brain, and the M.I.N.D. Institute), as well as a National Primate Research Center (one of only seven centers supported by NIH nationwide). In 2018, UC Davis ranked 12th among public research universities nationwide and 46th among public and private research universities according to U.S. News and World Report. Mechanical and Aerospace Engineering at UC Davis is a large and thriving department, that currently comprises 32 full-time faculty, seven core administrative/technical staff, over 700 undergraduate students, 150 graduate students, and numerous post-doctoral fellows, research engineers, and visiting scholars. The department has existing strengths in micro/nano systems, controls, design, robotics, manufacturing, biosensors, vehicles, and aerospace sciences, among other disciplines. Additional information about the Department may be found at <http://mae.ucdavis.edu>.

Davis is a pleasant, family-oriented community in a college-town setting with excellent public schools, a mild climate, and agricultural surroundings. The town is ideally located for many professional, cultural and recreational activities. Davis is only 15 miles from California's capital city of Sacramento and is within easy driving distance of the San Francisco Bay Area, the Sierra Nevada mountains, Napa and Sonoma Valleys, and the Pacific Coast areas.

To be considered, applicants must have a Ph.D. degree or equivalent (including M.D./Ph.D.) in any field of engineering. Also, applicants must possess an excellent record of accomplishment in research, and demonstrated potential to obtain extramural research support. Applicants must be able to teach and develop undergraduate and graduate courses in engineering related to their disciplines.

Required materials include a cover letter, curriculum vitae, brief statements of research and teaching plans, and contact information for 3 references. In addition, applicants must submit a Statement of Contributions to Diversity that highlights past efforts to encourage diversity (http://academicaffairs.ucdavis.edu/diversity/equity_inclusion/index.html).

Please submit materials at <https://recruit.ucdavis.edu/apply/JPF02299>. Review of applications will begin **September 15, 2018** but the position will be open until filled. Inquiries should be directed to:

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UC Davis is an affirmative action/equal employment opportunity employer and is dedicated to recruiting a diverse faculty community. UC Davis welcomes all qualified applicants to apply, including women, minorities, veterans, and individuals with disabilities. UC Davis is a smoke- and tobacco-free campus effective January 1, 2014. Smoking, the use of smokeless tobacco products, and the use of unregulated nicotine products (e-cigarettes) will be strictly prohibited on any UC Davis owned or leased property, indoors and outdoors, including parking lots and residential space.