



University of California, Berkeley

Department of Mechanical Engineering

Seeks Applications for a Tenure-Track, Assistant Professor in  
Mechanical Engineering with Emphasis in Several Broad Areas

The DEPARTMENT OF MECHANICAL ENGINEERING, University of California, Berkeley, seeks applications for a tenure-track, Assistant Professor position in the following areas: Design, Control and Robotics, Applied Energy Systems and Nanoscale Systems Engineering. Topics of specialization include, but are not limited to, for *design*: prototyping, design methodology, theory, design-for-wellbeing, computer aided design tools and visualization and support the Jacobs Institute for Design Innovation; for *controls*: theoretical control background as well as design and development of advanced mechatronic systems for application to human health and wellbeing, security and energy; for *applied energy systems*: combustion and primary energy conversion processes, design of energy systems, alternative energy technologies, energy efficient processes with basis in thermodynamics and heat transfer; and for *nanoscale systems engineering*: nanoscale engineering or engineering science in one of the fields of nanoscale mechanics, materials, heat transfer, dynamics, process and manufacturing, and device and system design along with the appropriate analytical and computational capabilities.

Basic Qualifications: Applicants must, at a minimum, be in the process of completing a doctoral dissertation or the equivalent degree at the time of application.

Additional Qualifications: Applicants must hold a doctorate or equivalent degree by the start of the position. The requirement for appointment is Ph.D. or equivalent degree awarded.

To apply please go to the following link, <https://aprecruit.berkeley.edu/apply/JPF00858> and submit a cover letter, curriculum vitae, statement of research, statement of teaching, one required publication, and two optional publications. Applicants are required to provide past experience or future plans to advance diversity, equity, and inclusion. Additionally, please provide contact information for five professional references. We will only contact your references if you are seriously considered for the position, and we will seek your permission before doing so. All letters will be treated as confidential per University of California policy and California state law. Please refer potential references, including when letters are provided via third party (i.e., dossier service or career center), to the UC Berkeley statement of confidentiality (<http://apo.berkeley.edu/evalltr.html>) prior to submitting their letters. The deadline to apply is **December 17, 2015**, applications received after the deadline will not be considered. The expected start date is July 1, 2016.

The college seeks candidates whose research, teaching, or service has prepared them to contribute to our commitment to diversity and inclusion in higher education. For information about potential relocation to Berkeley, or career needs of accompanying partners and spouses, please visit: <http://ofew.berkeley.edu/new-faculty>. The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see: <http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct>.

For questions regarding this position, please contact: Debra Chin, [chin@me.berkeley.edu](mailto:chin@me.berkeley.edu)