

University of California, Berkeley
Department of Mechanical Engineering
Seeks Applications for Tenure-Track and Tenured Faculty Positions

The DEPARTMENT OF MECHANICAL ENGINEERING, University of California, Berkeley, seeks applications for two faculty positions. One position is at the tenure-track, Assistant Professor level and is open to all areas of mechanical engineering including, but not limited to: (1) Biomechanical Engineering, (2) Control and Robotics, (3) Design, (4) Dynamics, (5) Energy Science and Technology, (6) Fluid Mechanics, (7) Manufacturing, (8) Materials, (9) Solid Mechanics, (10) Micro and Nano Science and Engineering, and (11) Ocean and Offshore Engineering.

The second position is at the tenure-track Assistant, or tenured Associate or Professor level in the areas of Advanced Manufacturing, Design and/or Materials Engineering, including but not limited to: Clean energy, green and sustainable manufacturing. Precision and cyber-manufacturing. 3-D additive and subtractive manufacturing. Design, including design theory, product design and design for manufacturability. Integrated modeling, simulation and data science techniques that predictively improve the outcome of the design, manufacturing and assembly processes. Integration of adaptive optical, thermal, electrical, and chemical functionalities into devices and systems. Materials engineering technologies to develop and optimize products with improved functionality and extended lifetime. Sustainable manufacturing of ceramic and innovative composite materials. Corrosion, fatigue, tribology, and fracture mechanics. Computational and multi-scale materials in manufacturing engineering.

We seek candidates with exceptional promise in research, teaching and service, who will proactively contribute to our department's commitment to diversity, equity and inclusion. We may consider possible joint appointments with other UC Berkeley departments or College of Engineering-affiliated institutes.

Diversity, equity, and inclusion are core values in the College of Engineering. Our excellence can only be fully realized by faculty, students, and staff who share our commitment to these values. Successful candidates for our faculty positions will have to demonstrate evidence of a commitment to equity and inclusion. Financial and in-kind resources are available to pursue activities that help accelerate our efforts to achieve our equity and inclusion goals, with the full backing of the College. Examples of ongoing programming at the College are available at: engineering.berkeley.edu/diversity.

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

Tenure-track 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.

Tenured Basic Qualifications: Applicants must have a Ph.D. or equivalent degree at the time of application.

Tenured Additional Qualifications: Evidence of outstanding research, interest in teaching undergraduate/graduate courses in advanced manufacturing, design, and/or materials engineering, and interest in making contributions to promoting diversity and inclusion.

Applicants for a tenure-track Assistant Professor position in all areas of Mechanical Engineering, including Advanced Manufacturing, Design and/or Materials Engineering go to URL:

<https://aprecruit.berkeley.edu/apply/JPF01554>.

Applicants for a tenured Associate Professor or Professor position in Advanced Manufacturing, Design and/or Materials Engineering go to URL: <https://aprecruit.berkeley.edu/apply/JPF01563>.

All applicants must submit a cover letter, curriculum vitae, statement of research, statement of teaching, one required publication, and two optional publications. Applicants are also required to provide information on past experience or future plans to advance diversity, equity, and inclusion and to provide contact information for four 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. Additional recommendation letters may be solicited by the department for tenured level finalists during the final stage of the recruitment process. All letters will be treated as confidential per University of California policy and California state law. Please refer potential letter-writers, including those who may provide letters via third party (i.e., dossier service or career center), to the University of California, Berkeley statement of confidentiality <http://apo.berkeley.edu/evalltr.html> prior to submitting their letters. **The deadline to apply is January 8, 2018**, and applications received after the deadline will not be considered. The expected start date of the successful candidate is July 1, 2018. The department is committed to addressing the family needs of faculty, including dual career couples and single parents. For more information 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, debramchin@berkeley.edu.