

# University of California, Los Angeles (UCLA)

## Department of Civil & Environmental Engineering

The Department of Civil & Environmental Engineering at the University of California, Los Angeles (UCLA) invites applications for tenure-track faculty position(s) in structural engineering, mechanics, and materials. Candidates must hold an earned doctorate degree in Civil Engineering or a related field in support of Civil Engineering such as (but not restricted to), Mechanical Engineering, Materials Science and Engineering, or Chemical Engineering by the date of hire. The position is open at all levels.

Applicants for the position must have a demonstrated record of excellence or show exceptional promise for high-quality teaching, research, and professional development in one or more of the following areas: (a) development of innovative materials for infrastructure applications using theoretical/computational or experimental methods; (b) computational mechanics for multi-scale modeling of material and structural behavior, (c) development of innovative design approaches, including application of performance-based design and structural reliability, (d) application and development of sensors and simulation/modeling tools for assessing structural health and supporting smart cities, and (e) field and laboratory testing, including the integration of test results with numerical modeling.

The Department houses well-equipped laboratories for field and laboratory testing of structural components and systems and to support activities relevant to materials design, fabrication, and characterization across length scales. Access is available to high-performance computing (HPC) platforms via university-wide initiatives. The department hosts very highly-selective undergraduate and graduate programs, is engaged in various research collaborations, both within engineering and with a spectrum of departments and programs at UCLA, across the UC system, and with other universities and across various industries.

Formal screening will begin January 20, 2014, for a July 1, 2014 appointment. Applications will be accepted until the position is filled. Applicants must submit a *curriculum vita*, full contact information for three to five references (including an email address); a two-page teaching and research plan is optional, but encouraged for applications with less than two years of tenure-track experience. Full Professor level applicants need only submit a CV.

The UCLA C&EE department is seeking outstanding candidates with the potential for exceptional research and excellence in teaching, and also a clear commitment to enhancing the diversity of the faculty, graduate and undergraduate student populations (<https://diversity.ucla.edu/support-diversity-programs>). UCLA is an Affirmative Action/Equal Opportunity Employer with a strong institutional commitment to excellence through diversity.

To apply, please visit the [UCLA Recruit web site](#).