

Faculty Position in Resilient Systems

The Department of Civil and Environmental Engineering at the University of California, Berkeley, invites applications for a tenure-track assistant professor position in the broad area of resilient systems.

Candidates should be engaged in research that helps to fulfill the strategic vision of the Department:

<http://www.ce.berkeley.edu/about/overview>

Infrastructure systems and projects face a multitude of hazards that must be assessed, communicated, and managed appropriately. We are interested in candidates who develop high-performance computer simulation and advanced visualization tools to conduct risk assessments at the citywide scale, considering multiple hazards such as earthquakes, tsunamis, flooding, and fires. We are also interested in candidates who develop and deploy sensor networks for rapid condition assessment of critical structures, in order to operate optimally and to ensure system safety. Candidates who study risk management, engineering economics, and infrastructure project finance are also encouraged to apply.

The faculty member will teach undergraduate and graduate courses as part of the Civil and Environmental Engineering curricula. The faculty member will have the opportunity to interact with faculty throughout the Department and across the Berkeley campus.

Applicants must send by November 1, 2013, a detailed resume and cover letter, a statement of teaching and research interests, copies of no more than two publications or manuscripts, and the names and contact information for three references. The department will solicit reference letters at a later date and candidates will be notified in advance. All letters will be treated as confidential per University of California policy and California state law. Please refer potential referees to the UC Berkeley statement of confidentiality: <http://apo.chance.berkeley.edu/evalltr.html>

The expected start date is July 1, 2014. A Ph.D. degree or equivalent is required by the date of appointment. Please submit your application materials electronically through Berkeley's Academic Personnel recruiting website at <http://aprecruit.berkeley.edu/apply/JPF00203> (*electronic submissions strongly preferred*). If sending by mail, please contact us at jobs@ce.berkeley.edu. Applications received after the deadline will not be considered.

The University of California is an equal opportunity affirmative action employer, committed to excellence through diversity. The college seeks candidates whose research, teaching, or service has prepared them to contribute to our commitment to diversity and inclusion in higher education. The college is also committed to addressing the family needs of faculty, including dual career couples and single parents.