

Assistant, Associate, or Full Research Scientist in Structural Engineering

The University of California, San Diego, Department of Structural Engineering (<http://structures.ucsd.edu/>) seeks candidates for the position of Research Scientist to lead the research operations and implementation of innovative structural testing methods at the Englekirk Structural Engineering Center. The candidate is expected to contribute to and support the research mission of the laboratory as well as attract and manage experimental programs from industry. Research expertise in structural dynamics, experimental mechanics, and controls, particularly as related to structural and seismic testing is desired. The candidate must be well versed in the operation of servo-hydraulic control systems and data acquisition/instrumentation systems, and have knowledge of modern cloud computing for data exchange, storage, retrieval and post-processing; as well as dynamic scheduling and budgeting methods to allow smooth collaboration with national partners. The Center is home to the Large High Performance Shake Table (LHPOST), the largest shake table in the US, and the Blast Simulator Facility among other structural and geotechnical testing facilities. The mission of the Englekirk Center is to provide the structural engineering community with a world-class testing facility producing high quality experimental data as well as consultation on experimental design and training/education. The LHPOST is currently a national shared-use experimental facility as part of the National Science Foundation supported Natural Hazards Engineering Research Infrastructure (NHERI) program (<http://nheri.ucsd.edu/>).

An earned doctoral degree or advancement to candidacy in civil engineering, mechanical engineering, structural engineering, or a related field is required at the time of application. Entry-level candidates for a Research Scientist (non-instructional) will need to demonstrate that their research trajectories are likely to position them to become independent scientists within a few years after appointment, while mid-senior level candidates will be expected to have a track record of independent peer-review research. For consideration, please apply via <https://apol-recruit.ucsd.edu/apply/JPF01399>.

Applications must include a cover letter, *curriculum vitae*, a statement of scholarly interests and accomplishments especially as related to structural testing, the names and contact information of three to five referees, and a personal statement summarizing past or potential contributions to diversity. For further information about contributions to diversity statements, see: <http://facultyequity.ucsd.edu/Faculty-Applicant-C2D-Info.asp>. Candidates may also submit a statement of interest in or evidence of teaching effectiveness (e.g., teaching evaluations). Review of applications will begin on June 1, 2017, and will continue until the position is filled. The level of appointment is commensurate with qualifications and salary based on UC pay scales.

UC San Diego is an affirmative action/equal opportunity employer, and the Jacobs School of Engineering is committed to building an excellent, diverse, and inclusive faculty, staff, and student body (<http://www.jacobsschool.ucsd.edu/diversity/>). Candidates with experience with or willingness to engage in activities that contribute to diversity and inclusion are especially encouraged to apply.