The Department of Civil and Environmental Engineering at the University of Michigan seeks applicants for a tenure-track faculty position in the general area of Structural Engineering. Candidates at all levels will be considered. Applicants shall hold a doctorate degree in civil engineering or a related field of study, and shall have an outstanding record of scholarship, professional leadership, and experience with externally funded research commensurate with the rank of the candidate. Individuals whose expertise fits within the department’s long-term strategic plan (available on the department’s web page at http://cee.engin.umich.edu) are particularly welcome. Areas of interest include, but are not limited to:

1. Structural hazard mitigation: experimental testing, novel techniques for pseudo-dynamic and real-time hybrid testing of structural components, innovative structural systems to resist loads from natural and man-made hazards; application of high-performance components and materials for structures subjected to extreme loads.
2. Sustainable and resilient infrastructure systems: incorporation of sustainable materials and technologies into infrastructural systems; design and application of structural systems with responsive and multi-functional capabilities; life cycle analysis for structural systems; and green building technologies.

The intellectual depth, innovativeness and promise of the candidate are of the highest priority – beyond the specific area of research interest. The successful candidate will be expected to develop an active, independent, externally funded research program that supports the long-term strategic plan of the department. Candidates are sought who will complement existing research strengths within the department, and who can take advantage of the department’s existing laboratory facilities, including the Structural Engineering Laboratory (http://cee.umich.edu/structural/facilities/structural-engineering-lab).

The candidate will also be expected to engage in instruction at both the undergraduate and graduate level, and to enhance the department’s existing curriculum in the area of Structural Engineering and Mechanics.

Interested individuals should submit their curriculum vitae, statements of research interests and teaching philosophy, and contact information for three references to: Faculty Search Committee Chairman, Department of Civil and Environmental Engineering, University of Michigan, 2340 GG Brown Building, Ann Arbor, MI 48109-2125. Applications are requested by December 1, 2013, but will be accepted until the position is filled. The University of Michigan is an affirmative action, equal opportunity employer. The college is especially interested in candidates who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community.