



## Faculty Position (1) in Structural Engineering

The Department of Civil, Environmental, and Geo- Engineering at the University of Minnesota seeks applications for a tenured or tenure-track faculty position in structural engineering focused on large-scale testing and experimental methods. We are interested in applicants with strong core fundamentals in science and engineering that allow them to move easily across disciplinary boundaries and work collaboratively to solve complex problems of local and global interests.

Candidates with demonstrated emphases in experimental methods and structural mechanics are encouraged to apply. Successful candidates will be expected to maintain a strong externally-funded research program. Teaching responsibilities include existing undergraduate and graduate courses in structural engineering, as well as development of new courses in the candidate's specialty areas. An earned doctorate is required at the time of the appointment. Candidates seeking the rank of Associate Professor or Professor must have a strong record of success in teaching, research, and service commensurate with the appointment level.

Applications must be submitted online at [https://z.umn.edu/structures\\_fac1](https://z.umn.edu/structures_fac1)

Include a letter of intent, CV, complete contact information for three references, and statements on (i) teaching interests, (ii) research interests, and (iii) fostering diversity and inclusion in the classroom and research. The review of applications will begin November 15, 2021. Applications will continue to be accepted until the position is filled. Expected appointment is Fall 2022.

The Department of Civil, Environmental, and Geo- Engineering (CEGE) at the University of Minnesota features state-of-the-art experimental facilities housed in the Galambos Structural Engineering and Multi-Axial Subassemblage Testing (MAST) Laboratories. The Galambos Laboratory, with 560 square meters of high-bay strong floor / wall testing area, includes a 2.7 MN servo-hydraulic load frame, 1 m x 1 m earthquake simulator, reconfigurable test set ups with 11 large-capacity servo-hydraulic actuators, and environmental chambers. The MAST Laboratory features a large-scale 6 degree-of-freedom system with hybrid testing capabilities for structures up to 9 m high and 6 m x 6 m plan area, with over 5.8 MN of vertical force and 3.9 MN of horizontal force in orthogonal directions.

CEGE is one of twelve departments within the College of Science and Engineering, which offers outstanding opportunities for interdisciplinary research due to the unique combination of mathematics, physical sciences, and engineering in one college. The department is affiliated with the Center for Transportation Studies and Saint Anthony Falls Laboratory, which features a large-scale wind tunnel designed to study boundary layer effects and a field-instrumented 2.5 MW wind turbine.

The University of Minnesota is an equal opportunity educator and employer fully committed to a culturally and academically diverse faculty. Candidates who will further expand the diversity of the academic community through teaching, research, and service are particularly encouraged to apply.