

Assistant or Associate Professor
Jerome J. Lohr College of Engineering
Department of Civil and Environmental Engineering
South Dakota State University

The Department of Civil and Environmental Engineering at South Dakota State University invites applications for a 9-month, full-time, benefit eligible, tenure-track faculty. This position is at the rank of Assistant or Associate Professor of Civil Engineering with a focus on structural engineering. The appointment begins in August of 2025. This position is supervised by the Department Head of Civil and Environmental Engineering.

Applications are invited in any area of Structural Engineering. Individuals with expertise in the areas of engineering for extreme loading conditions, experimental research, reliability and risk assessment, computational mechanics, structural health monitoring, and innovative materials are especially encouraged to apply.

The Department of Civil and Environmental Engineering is currently enjoying new and renovated facilities, growth in graduate education and research, and strong ties to its regional constituents. The department grants B.S., M.S., and Ph.D. degrees in Civil Engineering. The undergraduate program is ABET accredited. Some of the important attributes of the department are:

- Faculty and staff who are deeply committed to the success of students and the department, and are strongly engaged with local/regional employers;
- Member of CTIPS, a U.S. DOT sponsored university transportation center
- Recent departmental space remodeling providing high quality classrooms, offices and laboratories including the following teaching and research labs: Lohr Structures Laboratory, HDR Environmental Laboratory, Fluid Mechanics Laboratory, Transportation Engineering Laboratory, Asphalt and Binder Laboratory, Geotechnical Laboratory, and Materials Laboratory;
- Strong growth in funded research and the graduate program;
- Faculty and students who are strongly engaged in community service;
- An award-winning ASCE student chapter; and
- Opportunities for innovative interdisciplinary research within SDSU as well as with researchers at other regional engineering colleges.

South Dakota State University promotes access to and opportunities for all to receive the benefit of and participate in education, research, and service and is especially interested in candidates that can contribute to this land-grant mission of access.

RESPONSIBILITIES:

The successful candidate will be expected to teach and develop undergraduate and graduate courses, advise undergraduate and graduate students, guide student research, develop an externally funded research program in the applicant's area of expertise, and be committed to professional activities by participating in both internal and external outreach and service. The successful candidate will have the opportunity to grow and enhance the testing infrastructure of an existing high-bay structural laboratory.

SALARY:

The salary for this position is commensurate with qualifications, starting at \$92,000 for Assistant Professor rank. We offer a generous retirement plan that includes 6% matching, 10 hours of

annual leave each month, 9.34 hours of sick leave each month, and eleven paid holidays. Relocation benefits are available per university's guidelines.

BENEFITS:

We offer a rich academic experience in an environment of inclusion and access. The university is part of a dynamic community for families, students, young professionals, and retirees, which offers an abundance of attractions and activities. South Dakota State University offers a wide range of excellent benefits including medical, dental, and flexible benefits, retirement plans, compensation packages, paid holidays, and vacation leave. Employees also have access to internal and state-sponsored training as well as reduced tuition for state-supported courses at all State of South Dakota academic institutions.

MINIMUM QUALIFICATIONS:

- Ph.D. in Civil Engineering or closely related field with emphasis on Structural Engineering received by start date.
- Have at least one earned degree at any level in Civil Engineering from an ABET accredited program or provide evidence of teaching coursework at an ABET accredited program.
- Ability or potential to establish an externally funded research program in one of the following areas of structural engineering: design for extreme loading conditions, experimental research, reliability and risk assessment, computational mechanics, structural health monitoring, and innovative materials.
- Effective written, verbal, and interpersonal communication skills.

PREFERRED QUALIFICATIONS:

- Licensed or ability to become licensed as a professional engineer.
- Knowledge of the practice of civil engineering.

UNIVERSITY AND THE BROOKINGS COMMUNITY:

South Dakota State University is the state's largest, most comprehensive university with more than 200 academic programs, an enrollment of approximately 12,000 students, and over \$60 million annual research expenditures.

South Dakota State University offers a rich academic experience in an environment of inclusion and access through inspired, student-centered education, creative activities and research, innovation and engagement that improve the quality of life in South Dakota, the region, the nation and the world. Its employees embrace the university's core values of being people-centered, expanding knowledge through creativity, embracing organizational and personal integrity, commitment to diversity of thought, and excellence through continuous improvement.

As the state's 1862 Morrill Act land-grant institution, the work of South Dakota State University is carried out on its main resident campus in Brookings, at sites in Sioux Falls, Pierre, Rapid City, and Aberdeen, and through Extension offices and Agricultural Experiment Station research sites across South Dakota.

Jackrabbits Athletics competes as an NCAA Division I member with membership in the Missouri Valley Football Conference, the Summit League and the Big XII for wrestling.

Brookings is home to approximately 24,000 residents and is located 60 miles north of Sioux Falls and 200 miles west of Minneapolis. Brookings is listed as an ideal community for families,

students, young professionals and retirees, and is rated among the safest and most vibrant cities in South Dakota.

The Brookings Public School District educates approximately 3,300 K-12 students and ranks among the state's highest academic achieving school districts. The district includes three elementary schools, an intermediate school for fourth and fifth grade, one middle school, and a high school.

The city also boasts an abundance of attractions and activities, including the Children's Museum of South Dakota, Dakota Nature Park, South Dakota Art Museum, McCrory Gardens, South Dakota Agricultural Heritage Museum, Outdoor Adventure Center and the Brookings Summer Arts Festival.

APPLICATION DEADLINE:

Position is open until filled with full consideration given to applications received by February 10, 2025.

APPLICATION PROCESS:

South Dakota State University accepts applications through an online employment site. To apply, visit: <https://yourfuture.sdbor.edu>, search by the position title, view the job announcement, and click on "apply for this job." This system will guide you through the electronic application form. This employment site will also require the attachment of 1.) a Cover Letter, which should specifically address how the candidate meets the qualifications and responsibilities as outlined in the advertisement, 2.) Curriculum Vitae, 3.) a Teaching Statement (3-page limit, attached as 'other'), 4.) a Research Statement (3-page limit, attached as 'work or writing sample'), and 5.) a Reference page with the contact information for three professional references. Email applications will not be accepted. Please contact South Dakota State University Human Resources at 605-688-4128 if you require assistance with this process.

Any offer of employment is conditioned upon the university's verification of credentials and other information required by law and/or university policies, including but not limited to, successful completion of a criminal background check.

South Dakota State University is a tobacco free environment. It is university policy to maintain a drug-free environment and to thereby establish, promote, and maintain a safe and healthy working and learning environment for employees and students. This position is subject to South Dakota State University's Drug and Alcohol Testing Policy 4:14.

For questions on the position, contact the search chair Dr. Rouzbeh Ghabchi at (605) 688-5427 or Rouzbeh.Ghabchi@sdstate.edu.

South Dakota State University promotes access to and opportunities for all to receive the benefit of and participate in education, research, and service and is especially interested in candidates that can contribute to this land-grant access mission. SDSU is an affirmative action, equal opportunity employer. All qualified applicants will receive consideration without regard to, and SDSU prohibits discrimination on, the basis of, sex, race, color, creed, national origin, ancestry, citizenship, gender, gender identity, sexual orientation, marital status, pregnancy, religion, age, disability, genetic information, veteran's status, or any other status that may become protected in the offering of all educational programs and employment. Arrangements for accommodations required by disabilities can be made by emailing HR@sdstate.edu. Individuals with concerns regarding discrimination should contact: Equal Opportunity Officer/Title IX Coordinator, Human Resources, Morrill Hall 100, SDSU, Brookings, SD 57007. Phone: (605) 688-4128.