

Tenure-Track Faculty Positions Civil, Construction, and Environmental Engineering

The Department of Civil, Construction, and Environmental Engineering (CCEE) at North Carolina State University (NCSU) expects to fill positions in the areas of Structural Engineering and Geotechnical Engineering. For the position in structural engineering, we seek candidates in the area of innovative structural systems and materials. For the position in Geotechnical Engineering we seek candidates with demonstrated strengths in the broad areas of analytical and numerical modeling and/or geotechnical earthquake engineering, with an interest in the characterization of dynamic properties of soils and rocks. In both cases, we seek individuals with strong domain expertise who have a demonstrated interest in working with colleagues within other areas of civil engineering (and/or across other disciplines) to be responsive to emerging research questions aimed at the betterment of civil infrastructure.

Successful candidates should be able to participate in multidisciplinary initiatives to support the missions of the department and the college. While we expect to hire at the assistant professor level, outstanding applicants at all ranks are encouraged to apply. An earned doctorate degree in civil engineering or a closely related field is required. Post-doctoral experience, professional experience, and a professional engineering license are desirable, but not required.

We are seeking colleagues to join a vibrant department with 49 faculty members, over 700 undergraduates and 340 graduate students. The CCEE department has many excellent laboratories and is planning to move to a new building on NCSU's Centennial Campus by 2020. We seek candidates who are able to develop and maintain a nationally recognized and externally funded research program within their area of expertise, teach graduate and undergraduate courses, and collaborate across disciplines. Review of applications will begin on November 1, 2018 and applications will be accepted until the positions are filled.

Interested applicants should apply online at <https://jobs.ncsu.edu/postings/106324> (position #00000543). Attach individual pdf files of the following: a cover letter, resume, statements of research and teaching interests, transcripts of graduate work, copies of no more than three representative publications, and contact information for at least three references.

NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran. Individuals with disabilities requiring disability-related accommodations in the application and interview process, please call 919-515-3148. Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. If highest degree is from an institution outside of the U.S., final candidates are required to have their degree verified at www.wes.org. Degree must be obtained prior to start date. NC State University participates in E-Verify. Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States.

Tenure-Track Faculty Position in Transportation Systems Civil, Construction, and Environmental Engineering

The Department of Civil, Construction, and Environmental Engineering (CCEE) at North Carolina State University (NCSU) expects to fill a tenure track faculty position in the area of transportation systems. The successful candidate will demonstrate the desire and ability to build a high impact research program that provides leadership in the emerging areas of multi-scale transportation modeling and analytics, system dynamics, and inter-system dependencies, aimed at enhancing mobility, safety and accessibility across all modes. The successful candidate will demonstrate leadership in exploiting new sources of high-resolution data from connected and autonomous vehicles in addition to individual traveler-based sources. Interest and experience in transportation data analytics, sensing, computing, and optimization methods are highly desirable.

Successful candidates should be able to participate in multidisciplinary initiatives to support the missions of the department and the college. Specific to this position, close interaction and engagement with faculty in the CCEE computing and systems group are envisioned. While we expect to hire at the assistant professor level, outstanding applicants at all ranks are encouraged to apply. An earned doctorate degree in civil engineering or a closely related field is required. Post-doctoral experience, professional experience, and a professional engineering license are desirable, but not required.

We are seeking colleagues to join a vibrant department with 49 faculty members, over 700 undergraduates and 340 graduate students. The CCEE department has many excellent laboratories and is planning to move to a new building on NCSU's Centennial Campus in 2020. We seek candidates who are able to develop and maintain a nationally recognized and externally funded research program within their area of expertise, teach graduate and undergraduate courses, and collaborate across disciplines. Review of applications will begin on November 1, 2018, and applications will be accepted until the positions are filled.

Interested applicants should apply online at <http://jobs.ncsu.edu/postings/107270>. Attach individual pdf files of the following: a cover letter, resume, a combined statement of research and teaching interests, transcripts of graduate work, copies of no more than three representative publications, and contact information for at least three references.

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