



OLD DOMINION UNIVERSITY

Assistant Professor of Structural Engineering (Tenure Track)

Posting Details

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Job Title	Assistant Professor of Structural Engineering (Tenure Track)
Department	CIVIL & ENVIRON ENGINEERING
Position Number	F0291A1
Job Description	<p>The Civil and Environmental Engineering (CEE) Department at Old Dominion University (ODU), Norfolk, Virginia, is seeking applicants for a full-time tenure track faculty appointment at the rank of Assistant Professor with expertise in structural engineering, with a focus in:</p> <ul style="list-style-type: none"> • Sustainable and resilient infrastructure systems; • Community resiliency to climate change and hazardous environments, particularly in coastal areas subjected to sea level rise and risk of flooding; • Smart materials and infrastructure systems; • Uncertainty and reliability analysis; • Performance-based design; • Structural health monitoring; • Applications of advanced computational methods and emerging technologies such as artificial intelligence, machine learning, and revolutionary concepts like digital twin technologies in modeling, simulation, and design of infrastructure components; and • Complex interactions between urban systems and human behavior. <p>The successful candidate will have the opportunity to collaborate with other faculty on interdisciplinary research areas within the department and across campus, including the Institute for Coastal Adaptation and Resilience (ICAR).</p>
Position Type	FullTime
Type of Recruitment	General Public
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Minimum Qualifications - knowledge, skills, and abilities	<p>The candidate must possess:</p> <ol style="list-style-type: none"> 1. A strong background in one or more of the research areas outlined above, 2. A record of scholarly publications, 3. The ability to make an immediate impact within the Structures program, 4. A clear plan to acquire and sustain a stream of externally funded research projects, and 5. The ability to develop and teach both graduate and undergraduate courses in civil engineering, 6. A demonstrated passion for student success, recruitment, and retention, and a commitment to diversity, equity, and inclusion among students, faculty, and staff.
Minimum Qualifications - Education or training	Candidates must possess Ph.D. in Civil Engineering or in a related engineering discipline.
Minimum Qualifications - Special licenses, registration or certification	
Preferred Qualifications	Comprehensive knowledge in engineering mechanics of steels structures and materials is preferred.

Conditions of Employment**Location** Norfolk, VA**Job Open Date** 09/28/2023**Application Review Date** 11/15/2023**Open Until Filled** Yes**Special Instructions to Applicants / Additional Materials Required**Interested candidates should submit materials at <https://jobs.odu.edu/postings/19487> and attach the following with their online application:

1. A cover letter;
2. A curriculum vitae;
3. A statement of teaching philosophy;
4. A statement of research interests;
5. Unofficial graduate transcripts; and
6. Contact information for 3 references.

Candidates from all minority groups are welcome and strongly encouraged to apply. Review of applications will begin on **November 15, 2023**, and the position will remain open until filled. All materials will be held in confidence.

Telework Friendly No**Equity Statement**

It is the policy of Old Dominion University to provide equal employment, educational and social opportunities for all persons, without regard to race (or traits historically associated with race including hair texture, hair type, and protective hairstyles such as braids, locks, and twists), color, religion, sex or gender (including pregnancy, childbirth, or related medical conditions), national origin, gender identity or expression, age, veteran status, disability, political affiliation, sexual orientation or genetic information. Individuals from minoritized communities, women, veterans and individuals with disabilities are encouraged to apply.

Reasonable Accommodation Request

If you are an individual with a disability and require reasonable accommodation, please contact the Office of Institutional Equity & Diversity at (757) 683-3141.

Pay Transparency Nondiscrimination Provision

The contractor will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. However, employees who have access to the compensation information of other employees or applicants as a part of their essential job functions cannot disclose the pay of other employees or applicants to individuals who do not otherwise have access to compensation information, unless the disclosure is (a) in response to a formal complaint or charge, (b) in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or (c) consistent with contractor's legal duty to furnish information.

College Home Page<https://www.odu.edu/engineering>

The Batten College is one of seven colleges at the University, and includes nearly 100 tenured/tenure-track faculty, 15 full-time lecturers, 2,500 full-time undergraduates, and 750 graduate students. The College is made up of five departments: Civil and Environmental Engineering, Electrical and Computer Engineering, Engineering Technology, Mechanical and Aerospace Engineering, and Engineering Management and Systems Engineering.

Department Home Page<https://www.odu.edu/civil-environmental-engineering>

The CEE Department is one of five departments in the Batten College of Engineering & Technology (BCET) and offers an ABET-accredited BS Civil Engineering degree as well as MS and Ph.D. degrees in Civil and Environmental Engineering. The Department has 14 full time faculty members whose research areas include transportation engineering, coastal engineering, biomass conversion and environmental engineering, water resources engineering, structural engineering, and geotechnical engineering. Additional opportunities for the candidate would be developing interdisciplinary research collaborations with faculty in the BCET and other colleges across the campus.

Posting Specific Questions

Required fields are indicated with an asterisk (*).

1. * How did you hear about this employment opportunity?

- The Chronicle of Higher Education (website or print)
- Higheredjobs.com
- DiverseJobs.com
- InsightIntoDiversity.com
- Jobs.Virginia.gov
- Old Dominion University website
- Virginia Pilot (website or print)
- Richmond Times Dispatch (website or print)
- Other

2. If you selected "Other," how did you hear about this employment opportunity?
(Open Ended Question)

Applicant Documents

Required Documents

1. Cover Letter/Letter of Application
2. Curriculum Vitae
3. Teaching Philosophy
4. Statement of Research Interests
5. Unofficial Graduate Transcripts
6. Contact Information for Professional References

Optional Documents