

## Tenure-Track Position in Structural Engineering Lehigh University

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Posted Oct. 29, 2024, set to expire Mar. 1, 2025

<b>Job Title</b>	Tenure-Track Position in Structural Engineering
<b>Department</b>	Civil & Environmental Engineering (CEE)
<b>Institution</b>	Lehigh University Bethlehem, Pennsylvania
<b>Date Posted</b>	Oct. 29, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Jul. 1, 2025
<b>Job Categories</b>	Assistant Professor Associate Professor Professor
<b>Academic Field(s)</b>	Structural Engineering Ecological and Environmental Engineering Physics Energy Technology Civil Engineering
<b>Job Website</b>	<a href="https://facultyjobs.lehigh.edu/node/1105">https://facultyjobs.lehigh.edu/node/1105</a>
<b>Apply Online Here</b>	<a href="https://academicjobsonline.org/ajo/jobs/29035">https://academicjobsonline.org/ajo/jobs/29035</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

The Department of Civil & Environmental Engineering (CEE) in the P.C. Rossin College of Engineering and Applied Science (RCEAS) at Lehigh University invites applications for an open-rank tenure-track faculty position in civil/structural engineering to begin July 1, 2025. Candidates must have an earned doctoral degree in Civil Engineering, Structural Engineering, or a closely related field by the date of employment. The appointment may be made at the rank of Assistant, Associate, or full Professor,

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commensurate with the candidate's experience and qualifications. Qualified senior candidates will be considered for tenure.

The successful candidate will be expected to do the following:

- Develop a vigorous research program by pursuing external funding and supporting graduate research assistants, thereby upholding and advancing Lehigh's reputation as a prominent scholarly institution.
- Maintain a strong commitment to teaching students at all levels of the curriculum (undergraduate and graduate), while cultivating an inclusive and engaging learning environment.
- Actively contribute service within Lehigh at various levels within the department, college, and university.
- Pursue relevant academic or professional service opportunities beyond Lehigh such as editorial review boards, professional society leadership positions, national or international technical committees, or conference committees.

Research focus areas for the successful candidate may include, but are not limited to, the design and evaluation of structural systems for resilience to natural and man-made hazards; the reduction of embodied carbon in the built environment; sustainable infrastructure and lifecycle assessment; or smart structures and infrastructure systems.

The successful candidate's research program will be expected to utilize the experimental facilities of the Advanced Technology for Large Structural Systems (ATLSS) Engineering Research Center (<https://atlss.lehigh.edu/>). The ATLSS Center is an internationally recognized state-of-the-art facility for testing structural systems under a wide range of conditions, including dynamic loading, fatigue loading, thermal loading, soil-structure interaction, and fluid-structure interaction. In particular, the Center includes a Natural Hazards Engineering Research Infrastructure (NHERI) Experimental Facility (funded by the National Science Foundation), which focuses on multi-physics real-time cyber-physical structural systems simulation performed at large scale and in multi-directions.

Founded in 1865, Lehigh University has combined outstanding academic and learning opportunities with leadership in fostering innovative research. Recognized among the nation's highly ranked research universities, Lehigh offers a rigorous academic community for nearly 7,500 students. Lehigh University has some 5,800 undergraduates, 1,800 graduate students, and about 600 full-time faculty members. Lehigh University is located in Bethlehem, Pennsylvania, a vibrant and historic area. Over 840,000 people live in the Lehigh Valley, which is in close proximity to New York City and Philadelphia.

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Applications should be submitted online at the following links, in accordance with the candidate's tenure status at the time of submission:

- PRE-TENURE CANDIDATES: <https://academicjobsonline.org/ajo/jobs/29035>
- TENURED CANDIDATES: <https://academicjobsonline.org/ajo/jobs/29036>

Review of applications will begin on December 2, 2024 and will continue until the position is filled. To receive consideration, candidates must provide all of the following materials:

- Cover letter
- Curriculum vitae
- Research statement that describes past scholarly contributions and future research directions (up to 4 pages)
- Teaching statement that describes experience, instructional philosophy, and courses that the candidate would want to teach or develop (up to 2 pages)
- A statement on contributions to diversity, equity, and inclusion (DEI) that describes knowledge, prior DEI experience, and the candidate's future plans for enhancing community and culture at Lehigh (up to 2 pages – the Lehigh ADVANCE Center's guide for understanding and preparing such statements is available [here](#))
- Contact information for 3 professional references

Inquiries regarding this search should be directed to the chair of the search committee, Prof. Spencer Quiel ([seq213@lehigh.edu](mailto:seq213@lehigh.edu)).

### **EEO/AA Policy**

Lehigh University is an affirmative action/equal opportunity employer and does not discriminate on the basis of age, color, disability, gender identity or expression, genetic information, marital or familial status, national or ethnic origin, race, religion, sex, sexual orientation, or veteran status. We are committed to increasing the diversity of the campus community. Lehigh University is committed to a culturally and intellectually diverse academic community and is especially interested in candidates who can contribute, through their research, teaching and/or service, to this mission. Lehigh University is the recipient of an NSF ADVANCE Institutional Transformation award for promoting the careers of women in academic sciences and engineering (<http://www.lehigh.edu/luadvance/>) and is among institutions of higher education recognized for excellence in diversity with the INSIGHT into Diversity HEED Award. Additional information about Lehigh's commitment to diversity and inclusion is available at

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<https://diversityandinclusion.lehigh.edu/>. Lehigh University provides competitive salaries and comprehensive benefits, including domestic partner benefits. More information about Work/Life Balance for Faculty can be found at <https://provost.lehigh.edu/resources/worklife-balance>. Lehigh University supports dual career efforts for following spouses/partners of newly hired faculty: <https://provost.lehigh.edu/resources/faculty-dual-career-assistance-program/dual-career-guidelines>

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact** Prof. Spencer Quiel, Search Committee Co-Chair  
Civil & Environmental Engineering  
Lehigh University  
Bethlehem, PA

**Contact E-mail** seq213@lehigh.edu