



Tenure-Track Position in Coastal Infrastructure and Energy

The Institute for Cyber-Physical Infrastructure and Energy (I-CPIE) in the P.C. Rossin College of Engineering and Applied Science at Lehigh University invites applications for a tenure-track Assistant Professor position in Coastal Infrastructure and Energy to begin August 2023. A doctoral degree in Mechanical Engineering, Civil Engineering, or a closely related field is required by the date of employment. This position can be a joint appointment between the Department of Mechanical Engineering & Mechanics and the Department of Civil & Environmental Engineering, or solely in one of those departments.

Multidisciplinary research programs are an important priority at Lehigh University and include strong interactions with government agencies, industry, and existing interdisciplinary research institutes (IRIs) on campus. The successful candidate will work in collaboration with I-CPIE, as well as Lehigh's Advanced Technology for Large Structural Systems (ATLSS) Engineering Research Center, Energy Research Center, and/or the newly formed U.S. Department of Energy Atlantic Marine Energy Center. Potential research areas in which the successful candidate is expected to work include (but are not limited to) coastal engineering; engineering of offshore or near-shore structures and foundations; resilience of coastal infrastructure; climate change impacts on coastal infrastructure; tidal, wave, and offshore wind energy systems; renewable energy storage systems; or other areas synergistic with the Blue Economy. The successful candidate will be expected to develop a vigorous research program consistent with Lehigh's reputation as a prominent research and educational institution, and to maintain a strong commitment to teaching students in an inclusive learning environment.

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 7,000 students. Lehigh University has some 5,000 undergraduates, 2,000 graduate students, and about 550 full-time faculty members. Lehigh University is located in Bethlehem, PA., a vibrant and historic area. Over 820,000 people live in the Lehigh Valley, which is in close proximity to New York City and Philadelphia.

Review of applications will begin immediately and will continue until the position is filled. We specifically encourage applications from women and underrepresented minorities. Applications should be submitted online at: <https://academicjobsonline.org/ajo/jobs/23343> by December 31, 2022 to be assured of full consideration.

Candidates should provide the following:

A cover letter; a curriculum vitae; a research statement that describes past scholarly contributions and future research directions (up to 6 pages); a teaching statement that describes experience, instructional philosophy, and courses that the candidate would want to teach or develop (up to 2 pages); a Diversity, Equity and Inclusion (DEI) statement that describes prior DEI experience and the candidate's vision for enhancing community and learning environments at Lehigh (up to 2 pages); and full contact details for 3 professional references.

Inquiries regarding this search should be directed to Barbara McGuire (bcm208@lehigh.edu)

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 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 [here](#). Lehigh University provides competitive salaries and comprehensive benefits, including domestic partner benefits. More information about Work/Life Balance for Faculty can be found [here](#). Lehigh University supports [dual career](#) efforts for spouses/partners of newly hired faculty.