

Assistant Professor (Structural Engineering)
University of Hawaii at Manoa

Direct Link: <https://www.AcademicKeys.com/r?job=247167>

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Posted Oct. 16, 2024, set to expire Feb. 14, 2025

Job Title Assistant Professor (Structural Engineering)

Department College of Engineering
<http://www.cee.hawaii.edu/>

Institution University of Hawaii at Manoa
Honolulu, Hawaii

Date Posted Oct. 16, 2024

Application Open until filled

Deadline

Position Start Aug. 1, 2025
Date

Job Categories Assistant Professor

Academic Field(s) Structural Engineering
Civil Engineering

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Job Description

Description

Title: Assistant Professor (Structural Engineering)

Position Number: **pending position clearance

Hiring Unit: College of Engineering – Civil, Environmental, and Construction Engineering

Location

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: UH Manoa

Date Posted: October 15, 2024

Closing Date: Continuous – application review begins January 3, 2025

Salary Information: Commensurate with qualifications and experience

Monthly Type: 9 Month

Tenure Track: Tenure

Full Time/Part Time: Full Time

Temporary/Permanent: Permanent

Funding: General Funds

Other Conditions: The University of Hawai'i at Manoa (UHM), College of Engineering, Department of Civil, Environmental, and Construction Engineering invites applications for a full-time, general fund, tenure track, faculty position in Structural Engineering, pending position clearance and availability of funds to begin approximately August 1, 2025 or as soon as possible thereafter.

The University of Hawai'i at Manoa (UHM) campus is dedicated to becoming a Native Hawaiian Place of Learning, a place that is responsive to Native Hawaiians and reflective of Indigenous Hawai'i where all can learn, grow, connect, and heal from. UHM is also a designated Truth, Racial Healing, and Transformation Campus Center. As a Carnegie R1 Doctoral University, UHM emphasizes research and graduate-level education. We take pride in our diverse, multiethnic community, with programs that consistently rank among the most diverse in the nation (<https://manoa.hawaii.edu/campus-life/diversity>).

The CECE Department is dedicated to excellence in teaching and research and offers B.S., M.S., and Ph.D. degrees. Our undergraduate program is accredited by ABET, and we currently have approximately 300 undergraduate and 65 graduate students, supported by 21 faculty members. To learn more about the department and the opportunities available, please visit cee.hawaii.edu.

Duties and Responsibilities:

1. Research and Publication: 1) Establish a research program with external funding; 2) Publish research findings in leading scholarly journals.
2. Teaching: 1) Lead courses in structural loading, structural steel design, concrete design, and related civil engineering topics; 2) Integrate resiliency and sustainability concepts across all courses; 3) Develop advanced courses based on areas of specialization; 4) Deliver content through various distance learning platforms as needed.
3. Curriculum Development: 1) Contribute to the creation of curriculum materials and innovative teaching methods; 2) Participate in initiatives to develop place-based or Hawaii-based curriculum to enhance structural engineering knowledge.

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4. Student Guidance: 1) Participate on committees responsible for evaluating candidates for advanced degrees and perform related tasks as assigned; 2) Oversee independent studies, practicums, and internships; 3) Act as an academic advisor.
5. Institutional Service and Community Engagement: 1) Engage actively in departmental, college, and university committee roles; 2) Provide services to professional and broader communities that align with your academic expertise.
6. Diversity and Inclusion: Support the recruitment, retention, and graduation of Native Hawaiian, Pacific Islander, and other underrepresented populations in Engineering.
7. Strategic Alignment: Participate in implementing Native Hawaiian principles from the UH Manoa Strategic Plan.

Minimum Qualifications:

1. An earned Ph.D. in civil engineering or a closely related field from a college or university of recognized standing (“All but dissertation” will be considered; degree must be completed before the date of hire).
2. Demonstrated scholarly achievement, evidenced by a track record of conducting research and publishing scholarly materials.
3. Demonstrated strong commitment to teaching excellence and mentoring at the undergraduate and graduate levels and the ability to teach students from different backgrounds with diverse life experiences and learning styles.
4. Demonstrated ability to teach graduate courses in area of specialty, as well as undergraduate courses in civil engineering.
5. Excellent communication skills and ability to engage successfully in a multi-cultural and multi-ethnic environment.
6. Professionalism in meeting and conferring with others.

Desirable Qualifications:

1. Expertise in an emerging research area related to structural engineering. Such areas may include, but are not limited to: design of steel, concrete, and/or timber structures for extreme loading including hurricanes, fires, earthquakes, tsunamis, impacts, or blast loading; structural design to enhance resilience/sustainability of coastal communities; structural design and optimization based on smart city monitoring.
2. Research emphasis applicable to or experience with Hawaii and/or the Asia-Pacific region.
3. Demonstrated commitment to promoting diversity, equity, and inclusion in the workplace.

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4. Ability to recruit, retain, and support the graduation of Native Hawaiian, Pacific Islander, and other underrepresented populations in Engineering.
5. Willingness to develop place-based and/or Hawai'i-based curriculum.
6. Willingness to learn about and integrate Native Hawaiian, Indigenous, and/or place-based principles into curriculum, programming, and work culture.
7. Professional licensure is desirable but may be required prior to tenure application.

To Apply:

Only electronic applications submitted via NEOGOV will be accepted. Review of applications will begin on January 3, 2025, and will continue until the position is filled. Applications received after this date will be considered only if the position remains open.

Click on the "Apply" button in the top right corner of the NEOGOV screen to complete your application and attach the required documents. Applicants should submit the following: (1) a cover letter specifying the position and research area; (2) a statement of research interests, activities, and plans; (3) a statement on teaching philosophy, interests, and plans related to diversity and inclusion; (4) a statement on contributions to diversity, equity, and inclusion; (5) a curriculum vitae detailing research and teaching accomplishments; (6) graduate transcripts (unofficial copies are accepted, but official transcripts will be required upon hire); (7) copies of 3 relevant publications; and (8) the names, addresses, email, and telephone numbers of 5 references.

For more information about the CECE Department, please visit our website at www.cee.hawaii.edu.

Inquiries:

Inquiries regarding this position, please contact Prof. DoSoo Moon, Search Committee Chair (dsmoon@hawaii.edu).

EEO/AA Policy

The University of Hawai'i is an [Equal Opportunity/Affirmative Action Institution](#) and is committed to a policy of nondiscrimination on the basis of race, sex, gender identity and expression, age, religion, color, national origin, ancestry, citizenship, disability, genetic information, marital status, breastfeeding, income assignment for child support, arrest and court record (except as permissible under State law), sexual orientation, domestic or sexual violence victim status, national guard absence, or status as a

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covered veteran. For more information or inquiries regarding these policies, please refer to the following link: <http://www.hawaii.edu/offices/eoo/eoo-coordinators/>

Employment is contingent on satisfying employment eligibility verification requirements of the Immigration Reform and Control Act of 1986; reference checks of previous employers; and for certain positions, criminal history record checks.

In accordance with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, annual campus crime statistics for the University of Hawai'i may be viewed at: <https://www.hawaii.edu/titleix/help/campus-security/>, or a paper copy may be obtained upon request from the respective UH Campus Security or Administrative Services Office.

Accommodation Request: The University of Hawai'i complies with the provisions of the Americans with Disabilities Act (ADA). Applicants requiring a reasonable accommodation for any part of the application and hiring process should contact the EEO coordinator directly. Determination on requests for reasonable accommodation will be made on a case-by-case basis. For further information, please refer to the following link: <https://www.hawaii.edu/offices/eoo/accommodation-request/>

Contact Information

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

Contact Prof. Phillip Ooi
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University of Hawaii at Manoa
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Honolulu, HI 96822

Phone Number 8089568512

Contact E-mail ooi@hawaii.edu