

Hello Civil and Environmental Engineering Graduate Students,

Please see the weekly announcements below.

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Job Opportunities

Tenure-track Assistant Professor of Transportation Engineering at the Oregon Institute of Technology

The Civil Engineering Department at Oregon Institute of Technology (Oregon Tech) invites applications for a tenure-track Assistant Professor with a background in transportation engineering. The Department is looking for a faculty member that can contribute to and enhance the Department's undergraduate programs in transportation engineering, as well as complement and expand the scope of our research and graduate strength. Expertise in areas complementary to the existing faculty is sought and can include interests across the transportation spectrum – from geo/pavements to traffic operations and modeling.

Open Rank Joint Faculty Position with the Institute of the Environment and Sustainability at UCLA

Building upon UCLA's commitment to foster an inclusive environment and promote the success of underrepresented students, the Department of Civil & Environmental Engineering in the Henry Samueli School of Engineering & Applied Science and the Institute of the Environment & Sustainability invite applications for our open rank tenure-track faculty position.

Applicants for the positions must have a demonstrated record of excellence in, or show exceptional promise for, high-quality research, teaching, and professional development. In addition, applicants must

have a demonstrated record of interest in, and commitment to, the mentorship of students from underrepresented and underserved populations, including women. The successful candidate will be expected to advance their active mentoring activities and participate in programs that provide research and professional development opportunities for our diverse student body (such as our Center for Excellence in Engineering and Diversity, our Women in Engineering program, and our student organizations listed at <https://samueli.ucla.edu/equity-diversity-and-inclusion/>). Teaching and service expectations will not exceed those of other faculty positions. Applications will be considered at all levels, with a preference for appointments at the Assistant Professor level.

Tenure Track Faculty Position in Sustainable and Resilient Energy Systems at UCLA

The Department of Civil and Environmental Engineering at the University of California, Los Angeles (UCLA) invites applications for a tenure-track faculty position. We are particularly interested in candidates with expertise related to energy systems infrastructure. Of interest is research on methods and means for performance optimization, resilience, and security of existing and emerging (renewable) energy systems. While the focus is not the science and technology of energy generation, the candidate's research should take an end-to-end integrated perspective of energy systems including storage (fuel cells, batteries, pumped hydro, etc.), renewables (solar, wind, hydro, tidal, geothermal, biomass energy, etc.), emerging energy systems (e.g., net-zero energy cars and buildings), innovative systems integration (e.g., vehicle to grid), and corresponding infrastructure for transmission and distribution. The ideal candidate's research will have a comprehensive view of the resilience and performance of energy systems considering climate adaptation, natural hazards, and socio-economic dimensions.

Tenure-Track Teaching Professor of Data and Computation in CE at UC Berkeley

The Department of Civil and Environmental Engineering at the University of California, Berkeley invites applications for a Teaching Professor position to contribute to the transformation of the Department's curriculum by integrating innovative tools and emerging themes related to CEE. Hiring will be at the Assistant Teaching Professor level with security-of-employment granted upon promotion to Associate Teaching Professor.

Life Scientists/Physical Scientists in the Water Division, Surface Water Branch, and Wetlands Section at the Environmental Protection Agency

The Environmental Protection Agency- Region 9 (San Francisco) will be hiring multiple Life Scientists/Physical Scientists GS-11/12 in the Water Division, Surface Water Branch, and Wetlands Section! B.S. and M.S. degree holders may qualify for this position depending on their combination of years' experience and education level. This job posting closes **Tuesday, 1/18/2022 @ 8:59pm PST**.

As a Life Scientist/Physical Scientist, you will:

- Review regulatory actions involving discharges of dredged or fill material to the aquatic environment pursuant to National Environmental Policy Act (NEPA), Clean Water Act (CWA), and the Marine Protection, Research and Sanctuaries Act (MPRSA) regulatory programs.
- Advise and support state, local and/or tribal stakeholders in aquatic resource conservation planning and regulation.
- Collaborate with internal and external partners and communicate environmental outcomes.
- Respond to public inquiries and conduct research.

More details/apply at: <https://www.usajobs.gov/job/629308300> This position is accepting applications starting January 4, 2022, and closes January 18, 2022. You must apply online, and submit a resume, transcripts, and respond to the online assessment questionnaire.

Saiful Bouquet Structural Engineers

<https://www.saifulbouquet.com/careers/career-openings/>

WE'RE HIRING!!!
JOIN THE SAIFUL BOUQUET TEAM

Saiful Bouquet Structural Engineers, an award winning large structural engineering firm with high-profile clients and mega-projects, is looking for dynamic motivated engineers to join our expanding team of professionals. We are currently hiring full-time candidates with Master's Degree.

Please submit your application using our website.
www.SaifulBouquet.com/Careers

Pasadena ■ Los Angeles ■ San Diego

Professional Development and Scholarships

Graduate Scholarships Available for Phi Beta Kappa members at UC Davis

There are about 12 scholarships granted each year, awarded to applicants from the nine northern California colleges and universities that have a Phi Beta Kappa chapter. Here at UC Davis our chapter typically receives fewer than 10 applications. Our Scholarship Committee reviews and ranks them, then sends forward up to five for consideration. UC Davis students have done well in past years (see recent awardees listed on the application news article) so students who apply have a very good chance of being funded.

The award amount has increased this year to \$10,000 each (from \$7500), and graduate and professional students at UC Davis are eligible if they are members of the Phi Beta Kappa honor society.

Eligibility and application details are posted on our campus chapter's news page at <https://pbk.ucdavis.edu/news/graduate-scholarships-available-phi-beta-kappans-uc-davis>. The deadline to submit materials is February 4, 2022.

TA Consultant Fellow

The TAC Fellows program provides fellows with professional development in teaching and hands-on leadership experiences. TAC Fellows lead workshops on teaching, conduct one-on-one consultations, and facilitate sessions at UC Davis's annual TA Orientation. In doing so, TAC fellows support the professional growth of graduate and postdoc instructors and help to advance evidence-based, inclusive teaching practices across campus.

Benefits of the fellowship:

- Ongoing learning and professional development
- A quarterly fellowship of \$1,500.
- Valuable experiences for a career in college teaching, educational development, and other career paths focused on teaching and learning.

Information sessions will be offered on the following dates in [The Grove](#), room 1310:

- Wednesday, January 12th from 1:10-2:00 pm (register [here](#))
- Friday, January 28th from 10:00-10:50 am (register [here](#))

Learn more and access the application [here](#). Applications are due February 7.

New Course: HYD 298 Global Groundwater-Agriculture Nexus

This graduate course will be co-taught at UC Davis and University of Freiburg Germany. The course will be held within the University of Freiburg's block course format (3 weeks full-time, Jan 10-28). Video recordings of the lectures will be made available to UC Davis students at the beginning of the quarter. Students will form groups of 2 to develop their quarter project. In February and March, the course will meet at UC Davis once per week for a one hour discussion. Grades will be based on final presentation and a synthesis report, both due during winter quarter finals week.

Share your work with the Pacific Earthquake Engineering Research Center!

Do you conduct research in the field of earthquake engineering? Then, get involved with the [Pacific Earthquake Engineering Research Center](#) (PEER) and represent UC Davis!

Below are two opportunities for graduate students and postdocs:

- Become a spotlighted researcher by being interviewed by the student committee and featured in the PEER newsletter and youtube page. See past interviews [here](#).
- Submit a 5-10 min video presenting your research project to showcase your work. This will also serve as an entree for a Research Video Contest. More details are located [here](#).

For more information about PEER, visit <https://peer.berkeley.edu/home>. If you have any questions about the opportunities mentioned above, please email lauhernandez@ucdavis.edu.

