

Hi CEE Graduate Students,

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Job Opportunities

Open Position – University of New Hampshire

The Department of Civil and Environmental Engineering at the University of New Hampshire seeks an innovative teacher-scholar, committed to excellence in engineering education, to join our dedicated family of faculty members in the area of Environmental Engineering. The Department seeks excellence through diversity among its administrators, faculty, staff, and students. The lecturer position is full-time, benefited, non-tenure track, and offers the potential for employment security with a multi-year appointment at the junior, senior, or principal level.

The expectation is that the instructor will teach and develop curriculum for nominally five courses per academic year at the undergraduate and graduate level. The instructor will also be responsible for student advising, department service, and outreach to professional and alumni constituents. Applicants must hold either a Ph.D. or an M.S. in environmental engineering or a closely related discipline. Current professional registration or the ability to become a registered professional engineer within two years is required. More information on the program can be found at <https://ceps.unh.edu/civil-environmental-engineering>

The successful candidate's primary teaching responsibility will be environmental engineering core courses in water, wastewater, and solid and hazardous waste treatment. The ability and interest in teaching senior elective courses with design concepts, is also required, and we welcome new elective topics that align with, and could be brought to, the program by the candidate. Depending on interests and expertise, the candidate will teach courses which may include: Sampling and Analysis, Solid and Hazardous Waste, Water and Wastewater Treatment, Environmental Pollution, Marine Pollution, Environmental Chemistry, Air Pollution, and other courses as may align with the applicant's professional experience.

To receive full consideration, applications must be received by February 28, 2022. All applicants are required to apply online at <https://jobs.usnh.edu/postings/45341>

Graduate Student Researcher for CA Delta Adaptation and Regenerative Landscapes Project

This project will entail leadership in stakeholder and public outreach for the planning and design of multi-benefit landscape adaptation strategies in the Central California Delta. Our work will entail landscape design, visualization and 3D modeling of landscape strategies, as well as leading and orchestrating stakeholder engagement in the co-design process.

The ideal candidate will have strong skills and experience in applied social science and stakeholder engagement, and/or strong skills in digital methods of landscape visualization. An outstanding candidate will have skills in both these domains. Willing to train a candidate that is a good fit.

Please contact Brett Milligan bmilligan@ucdavis.edu to apply with:

- Resume or CV
- Portfolio or samples of previous work

Spring 2022 Teaching Assistant for FMS/GER 045 "Vampires and other Horrors in Media and Film"

The German Department is seeking a Teaching Assistant for FMS/GER 045 "Vampires and other Horrors in Media and Film" (SPRING 2022).

This course will be taught in person.

TAs will be expected to attend classes with the professor MW 3:10-4pm, and run two live discussion sections by themselves, to be scheduled for WR late afternoons. TAs will also be expected to grade three sets of papers for the 40-50 students in their discussion sections, as well as help conduct occasional quizzes and run half of the in-class screenings (they will be split between the 2 TA's; occur M at 5:10pm).

Must have completed CEE TA training and meet eligibility criteria to hold position.

Qualified applicants will:

- be available to attend weekly lectures and conduct weekly office hours.
- * independently run 2 weekly discussion sections
- * run ½ (50%) of the screenings for the class

- *grade papers and assist with quizzes
- *Must have attended the CEE TA orientation (offered each September)
- *Must complete Sexual Harassment Prevention Training line before beginning position.
- *Must be eligible to hold an academic appointment.

Preferred Qualifications:

- *Experience as a teacher, TA or Grader/Reader
- *Experience with Canvas technology
- *Graduate work in a related field

Apply with Handshake Job #5666343

Tenure-Track Assistant Professor Positions in Civil, Environmental and Geomatics Engineering

The Department of Civil, Environmental & Geomatics Engineering (CEGE) at Florida Atlantic University (FAU) welcomes applications for multiple tenure-track assistant professor positions in structural engineering, civil materials, water resources/environmental engineering, and transportation engineering. The candidate is expected to demonstrate strengths in one or more of the following areas: complex structural systems and component behaviors under static and dynamic loadings, advanced structural and material modeling techniques machine learning/AI tools for studying complex interdependent problems associated with the built environment, flow in porous media, hydraulics, subsurface geo-environmental engineering, groundwater flow, transport modeling, transportation operations and management, emerging vehicle and infrastructure technologies, big data, artificial intelligence, cyber physical systems, travel demand modeling, transportation energy, and transportation planning. Candidates with exceptional research portfolios may also be considered at a higher rank.

Applicants must have a doctorate degree in civil engineering, environmental engineering, transportation engineering or closely related field and are expected to demonstrate a strong research record commensurate to their rank. Registration as a Professional Engineer, or an ability to acquire it within few years of employment, is expected for applicants in civil or environmental engineering. Successful applicants are expected to develop and sustain an extramurally funded research program and show a strong commitment to excellence in teaching. Applicants should submit a diversity statement that demonstrates a commitment to diversity, equity, and inclusion (DEI), and more specifically, a commitment to strengthen the College climate for DEI and promote DEI activities. Applicants are required to submit all supporting application materials online in PDF format by visiting www.fau.edu/jobs. Submitted materials should also include a letter of interest that incorporates research and teaching statements, an up-to-date CV, and names of three references. The following is the application link: https://fau.wd1.myworkdayjobs.com/en-US/FAU/job/Boca-Raton/Assistant-Professor--Civil--Environmental--and-Transportation-Engineering_REQ12166
Review of applications will begin in February 2022 and will continue until the position is filled.

Professional Development and New Courses

LEED Green Associate (GA) Training – Webinar

Make your resume stand out with the premier sustainability designation called the LEED Green Associate! LEED is simply a sustainability scorecard for green buildings. As buildings can become LEED Certified, people can become LEED accredited! The best way to break into the sustainability space is to attain the LEED Green Associate. It also shows employers and clients you have certified knowledge in the field. Since the LEED GA exam doesn't have a stellar pass rate, the value of the extra letters behind your name will carry even more weight.

Our engaging webinars have helped over 10K students and professionals learn the material cold AND clear the exam with a very high passing rate. **The LEED Professional Designation has helped past participants attain internships and jobs and now is a great time to add this credential.**

Dates:

1. February 5 2022 – 1:00PM – 5:30PM EST
 2. February 24 2022 – 5:00PM – 9:30PM EST
 3. March 12 2022 – 1:00PM – 5:30PM EST
 4. April 2 2022 – 1:00PM – 5:30PM EST
 5. April 23 2022 – 1:00PM – 5:30PM EST
 6. May 14 2022 – 1:00PM – 5:30PM EST - OR -
 7. On-demand recordings completed at your own pace
- A. LEED AP BD+C (Level 2) – On-Demand

The above options (1-7) are all identical.

Register for a live webinar or start today with our on-demand recorded workshop completed anytime at your own pace here - <https://leadinggreen.com/online>

This course is instructed by a USGBC Faculty member and is the most effective way to pass. The USGBC charges a \$100 (reduced for students) fee for the actual exam which can now be taken online from home. Save money by reserving your spot today and make a positive difference in your career!

Cost: \$200 - Students can use the coupon code 'green' for \$50 off (Discounted course price \$150)

Save your seat by registering here for our live or self-paced options - <https://leadinggreen.com/online>

Please contact the instructor Lorne directly with any questions at info@leadinggreen.com

Course: Path to Zero Net Energy

ABT 212

Spring Quarter | Tues/Thurs 2:10-4pm

CRN 30557

Prof Kurt Kornbluth and UC Davis Energy Manager Josh Morejohn

This project-based class gives students the opportunity to help clients solve real-world problems relating to energy. There are a range of project topics to choose from, including building energy efficiency, electrification, and energy behavior & communication. We bring in guest speakers from UC Davis and beyond to cover the basics of building science, energy economics and project management, as well as important developments in the conversation around ZNE such as equitable decarbonization and

resiliency. Students from a variety of graduate programs and majors are encouraged to join, as the class aims to address energy issues from multiple perspectives.

For more information you can visit the [course website](#), explore [past projects](#), or attend the course information session on Friday February 18th (see attached flyer). If you have any questions, please reach out to Meena Venkatraman at mvenkatraman@ucdavis.edu.

MANRRS at UC Davis "Let's Network" Event

Multiculturalism, in Agriculture, Natural Resources, and Related Sciences Club is hosting a networking session for undergraduate students on February 14th, from 2:10-3pm on Zoom (<https://ucdavis.zoom.us/j/3306472692>) The club is looking for graduate students and faculty members who are looking for volunteers, interns, or employees for spring and summer opportunities. If you are interested please fill out this google form(<https://forms.gle/XavHvCTwGYGpvP3H9>). The event will start on zoom and then we will transition to the wonder platform where opportunities are separated by subject matter(ecology, biology, etc). Here's a link to the platform so you can be familiar with the set up: <https://www.wonder.me/r?id=cf2abecb-2e3d-4d5f-95a6-a17d6c1d07a9> Undergraduate students will be present with their resumes and eagerness to share their interest with you.

Graduate Career Exploration Group

This group offered by Counseling Services will meet via zoom on Thursdays (6 sessions) 10:00-11:30am, Jan 27th to March 3rd.

This group is for graduate students who want to explore their career related preferences, identify the comparative fit of career options of interest or expand their consideration of possible careers. Group members will integrate data from their personal strengths, work and family perspectives, and career assessments with occupational information. Group members are asked to increase their exposure to occupational information and opportunities over the course of the term. Total cost for assessment package (includes Strong Interest Inventory, MBTI, Skillscan and Values card sorts) to graduate students is \$20 as GradPathways (Graduate Studies) is subsidizing \$25 of the total \$45 fee. Please note that expected time commitment for activities outside of the 6 session group times is approximately 1-2 hours per week. If you are interested in participating in this group, please contact smtakeuchi@ucdavis.edu and you will be emailed information about the orientation to the group.

2022 Intelligent Water Systems Challenge

The LIFT program, a joint effort of The Water Research Foundation (WRF) and the Water Environment Federation (WEF), is once again holding the Intelligent Water Systems Challenge to demonstrate the value of intelligent water systems to utilities and thereby foster the adoption of smart water technologies. Additional information regarding the Challenge is located at <https://www.wef.org/resources/topics/browse-topics-a-n/intelligent-water-systems-iws/>.

The Challenge gives professors, students, professionals and technology aficionados the opportunity to showcase their talents and innovation, with a focus on leveraging data using the best available tools to help utilities better understand the dynamics of complex systems and make better decisions. The Challenge, which will run from April 11 – September 2, 2022, provides a top prize of at least \$10,000.00. Additionally, a prize sponsored by Xylem, for the “Most Elegant Solution” in the amount of \$2,500.00 will also be awarded.

We encourage professors and students to submit applications. Please see the [informational flyer](#) and [FAQ document](#) for further detail, and feel free to contact me with questions.

Updated Information: 50th Annual Agricultural and Environmental Chemistry Graduate Group's Winter Colloquium

To be held on February 24th and February 25th, 2022. We are thrilled to have Dr. Robert Kostecki and Dr. Sieglinde Snapp as keynote speakers. We will be welcoming Dr. Jasquelin Peña, who is joining our graduate group and will also be presenting at the colloquium. In addition to our prior email, we are delighted to announce that AgChem alumni Alex Chassy will be presenting about his work as a scientist at Amyris, a leader in sustainable chemistry.

The speaker's presentation schedule is subject to change but currently is as follows:

1. Dr. Robert Kostecki (speaking on 2/24/22 @ 12:00pm)
2. Dr. Sieglinde Snapp (speaking on 2/25/22 @ 3:30pm)
3. Professor Jasquelin Peña (speaking on 2/25/22 @ 12:00 pm)
4. Alex Chassy (speaking on 2/25/22 @ 2:00 pm)

Presentation titles and abstracts will be sent out upon finalization.

We are also in the process of scheduling times for meetings with the external speakers. We are trying to gauge interest in group lunches and one-on-one meetings so please help us by filling out this form if you may be interested in meeting with one or more of the external speakers: [Speaker Meeting Interest Form](#).

We also ask that you RSVP for the Social Event on Friday, February 25th from 5:30-7:30PM using this form: [Social Event RSVP Form](#). Please fill out this form by February 11th and note that it is better to RSVP and not show up than to show up without RSVP'ing.

WTS- Young Professionals Panel

The **WTS- UC Davis chapter** will be hosting a panel of Young professionals in the transportation industry on **Feb 3rd 2022 (next thursday), at 7pm over zoom**.

Get a chance to interact with some amazing transportation planners and engineers and get to know about their education, work and what it took to get where they are.

This is a great opportunity to understand more about this industry, ask questions and create connections. So what are you waiting for? Use the link below to register for the event -- the deadline for registration is Tuesday, February 1st.

Registration: <https://forms.gle/tNpEEGJazUh6aYVF9>

WTS SACRAMENTO - UC DAVIS CHAPTER PRESENTS



YOUNG PROFESSIONALS PANEL

- ★ Charuni Kurumbalapitiya ★
- ★ Ellen Teidemann ★
- ★ Nicole Zhi Ling Porter ★
- ★ Olivia Potash ★
- ★ Sindia Maya ★
- ★ Cindy Jimenez ★

Thursday, February 3rd at 7pm PST

Please save your spot!

Registration is open until February, 1st

Location: Zoom

<https://tinyurl.com/MentorshipWTS>

