

Hi CEE Graduate Students,

Please see this week's announcements below:

Job Opportunities

[Entry-level Environmental Engineer/Scientist/Geologist](#)

[Tenure-Track Assistant Professor in Structures and Mechanics](#)

[Tenure-track Assistant Professor \(Transportation Engineering\)](#)

[TA Positions on Handshake for Spring 2022](#)

[Reader Positions on Handshake for Spring 2022](#)

[UC San Diego Prof. Morrison looking for PhD student](#)

[Graduate Student Advisor to the Dean and Chancellor \(GSADC\)](#)

Professional Development and New Courses

[2nd annual 3-Minute Elevator Pitch Competition](#)

[Meet with the Graduate Student Advisor to the Dean of Graduate Studies and Chancellor \(GSADC\) - Office hours](#)

[Spring 2022 Course: D-Lab - Designing Accessible Spaces](#)

[State and Federal Careers Panel](#)

[Hack the Hidden Job Market: Networking for Grad Students and Postdocs](#)

[Diversity, Belonging and Inclusion at Work](#)

Job Opportunities

Entry-level Environmental Engineer/Scientist/Geologist

If you're looking for a fast-paced and dynamic work environment where you can apply your academic know-how, develop superior technical skills, and collaborate with top-notch industry professionals on a variety of exciting environmental projects, then GSI Environmental is the place for you!

At GSI, we seek the best and brightest talent and provide a supportive environment for career development. Our company culture is built on excellent service, teamwork, and technical collaboration to solve the most challenging environmental problems. We have an immediate opening for an entry-level Environmental Engineer/Scientist/Geologist in our Oakland, California office. Come join our team!

Responsibilities:

- Perform fieldwork to support environmental assessment, remediation, and restoration projects. Fieldwork may include the collection of groundwater, soil, soil vapor, and surface water.
- Assist Project Technical Leads in the preparation of high-quality technical presentations, reports, letters, plans, and proposals.

- Coordinate with vendors, subcontractors, and analytical laboratories and independently perform subcontractor oversight.
- Support the design of assessment programs and remedial options for site cleanup, as well as environmental due diligence, regulatory compliance, and permitting activities.
- Assist in the management, analysis, and interpretation of environmental data using statistical and data visualization tools.
- Perform data entry and QA/QC of data tables, maps, reports, and other work products.
- Independently perform research tasks with input from technical experts.
- Contribute to a team atmosphere through collaboration with technical experts, project managers, colleagues, and subcontractors.

Position Requirements:

- A Bachelor's degree or higher in the Geosciences, Environmental Engineering, or related field is required; a master's degree is preferred.
- Up to 2 years of relevant work experience is preferred.
- Engineer in Training (EIT) or Geologist in Training (GIT) certification is preferred.
- Excellent organizational, verbal, and written communication skills are required.
- Ability to manage multiple tasks and work independently and as part of a team is required.
- Experience with data management, database and office software, and data analysis is preferred.
- Valid driver's license and clear driving record are required.
- 40-hour OSHA HAZWOPER certification is preferred.
- Ability to travel is required.
- Candidate must be fully vaccinated against COVID-19 as defined by the Centers for Disease Control and Prevention, unless candidate qualifies for an exemption based on the Americans with Disabilities Act of 1990 or Title VII of the Civil Rights Act of 1964, where a reasonable accommodation may be granted if approved by GSI management upon hiring.

GSI Environmental Inc. is an environmental services and consulting firm that specializes in variety of environmental challenges including investigation/remediation, stormwater, environmental compliance, research and development, and litigation support. We are actively looking for top notch applicants in environmental disciplines (engineering, science, geology or a related field) to help us solve the most challenging environmental problems. Applicants can see a listing of current openings and apply at <https://www.gsienv.com/careers/>. If an applicant does not see an opening listed for a location they are interested in, they can email a resume to Nick Johnson (nwjohanson@gsi-net.com) for consideration.

Tenure-Track Assistant Professor in Structures and Mechanics

the department of Civil, Architectural and Environmental Engineering (CAEE) at Drexel University has an additional tenure-track position open at the Assistant Professor level in Structures and Mechanics for a start date of September 1, 2022.

This position is part of a multi-year [Drexel Engineering Faculty Cluster Hiring](#) initiative that will facilitate interdisciplinary hiring and enhance strategic connections across colleges in alignment with thematic areas of our strategic plan. The Drexel CAEE Department is currently searching for a colleague who conducts research in the broad theme of Smart, Integrated Cities. The successful candidate for this position will work at the intersections of academic units across the College of Engineering to build a

dynamic and exciting research program in the areas of Structures and Mechanics. To apply for this position, please visit [Careers at Drexel](#). For questions, please contact [Ivan Bartoli](#).

Tenure-track Assistant Professor (Transportation Engineering)

The Department of Civil and Environmental Engineering (CIE), in collaboration with the Advanced Structures and Composites Center (ASCC), at the University of Maine (UMaine) invites applications for a tenure track faculty position in transportation engineering, with expertise in life cycle analysis and assessment of transportation infrastructure systems. This position is a joint appointment split 75% in the Department of Civil and Environmental Engineering and 25% in the prestigious ASCC (<https://composites.umaine.edu/>) to support the Green Engineering and Materials research initiative. This position is 50% teaching/50% research.

Expertise is sought in life cycle analysis as applied to transportation systems, facilities, and planning. The successful candidate will support and enhance current initiatives in Green Engineering and Materials (GEM), as well as the Transportation Infrastructure Durability Center (TIDC; <https://www.tidc-utc.org/>), the Region 1 U.S.D.O.T. University Transportation Center led by UMaine. The successful candidate will be expected to obtain licensure as a professional engineer (PE) prior to promotion to associate professor.

Candidates will be expected to engage in the instruction of transportation engineering courses at both the undergraduate and graduate levels while enhancing the Department's existing curriculum; establish and maintain a nationally-competitive funded research program; author high-quality peer-reviewed publications; train M.S. and Ph.D. students; and actively engage in service to the profession, university, and state. Information about the CIE Department can be found at civil.umaine.edu. The ASCC is an extremely active cross-disciplinary research center that is developing innovative solutions to problems of infrastructure, renewable energy, and sustainable materials, among many other initiatives. In CIE, the successful candidate will join a dynamic engineering program dedicated to high-quality teaching, scholarship, and service — where faculty support work-life integration.

This position is one of four Cluster Hires focused on Green Engineering and Materials (GEM) to pursue transformative research and novel solutions by augmenting cross-disciplinary expertise in the following areas and contributing to the state-of-the-art GEM Laboratory: Life Cycle Analysis of Infrastructure Systems, Digital Manufacturing applied to large-scale additive manufacturing, collaborative robotics, cyber security in digital manufacturing, and biopolymers.

Apply: <https://umaine.hiretouch.com/job-details?jobID=73883&job=assistant-professor-of-transportation-engineering&collection=true>

TA Positions on Handshake for Spring 2022

AMS 005: Technology in American Lives with Javier Arbona (TR 1:40-3:00pm)

Technology as both a material cultural force and a symbol in American culture; the lives of engineers at work and play; images of the engineer and technology in popular culture; social political and ethical issues raised by technology.

Job #5963036

AMS 030: Images of America & Americans in Popular Culture with Eleftheria Arapoglou (TR 12:10-1:30pm)

Investigation of verbal and visual discourses about American identity in various popular culture products, including film, television, radio, music, fiction, art, advertising, and commercial experiences; discourses about the United States in the popular culture of other societies.

Job #5963036

GSW 050: Introduction to Critical Gender Studies with Megan Bayles (MT 2:10-3:30pm)

Introduction to interdisciplinary, critical gender studies. The emergence of women's, gender and feminist studies internationally, its links to women's movements, and its influence within the various arts, humanities and social science disciplines.

Job #5963118

Contact ajuline@ucdavis.edu for any questions.

Reader Positions on Handshake for Spring 2022

AAS 145B: Black Intellectuals with Benjamin Weber (MW 2:10-4:00pm)

Exposition and critical analysis of selected theoretical writings of Black intellectuals, and especially political and social thinkers, in the Americas.

Job #5963306

AAS 183B: Policing, Prison, & Protest in Global Perspective with Benjamin Weber (MW 10:00-11:50am)

Study of the history and current workings of police, prisons, and protest movements globally through Black Studies frameworks and methods.

Job #5963306

AAS 190: Topics in African & African Diaspora Studies with Shingirai Taodzera (TR 9:00-10:20am)

Intensive treatment of a special topic or problem in African or African Diaspora Studies. The topic for Spring 2022 is Kingdoms in Contemporary African Politics.

Job #5963306

WMS 145: Women's Movements in Transnational Perspective with Amber Muller (TR 10:00-11:50am)

Transnational perspectives on 20th- and 21st-century women's movements in Western, colonial and post-colonial contexts, examining movement's forms and political orientations and relationships between women's movements and other forces for change.

Job #5963373

Contact ajuline@ucdavis.edu for any questions.

UC San Diego Prof. Morrison looking for PhD student

Asst. Prof. Machel Morrison from the department of Structural Engineering at UC San Diego is seeking a PhD student to work on a collaborative research project sponsored by the National Science Foundation involving multidisciplinary (materials and mechanics) research. The research will develop a continuum-based framework for predicting fracture of modern structural steel weldments. Research will involve physical and numerical thermomechanical simulations of welding processes to characterize complex weld microstructures and their associated constitutive and fracture properties, formulation of new

continuum-based fracture criteria for these different microstructures and a set of laboratory tests on structural steel components to validate the continuum-based framework. Further information can be found at: https://www.nsf.gov/awardsearch/showAward?AWD_ID=2129499

Students with a background and/or interest in material science, fracture mechanics, multiscale modelling, computational mechanics and related fields are encouraged to send their CV and transcripts to mmorrison@ucsd.edu. The desired start date is as soon as possible. Applications will be accepted until the position is filled.

Graduate Student Advisor to the Dean and Chancellor (GSADC)

The GSADC is the campus graduate student representative serving as a voice for graduate student concerns and perspectives.

This position is a 13-month appointment, starting September 1, 2022 and continuing through October 1, 2023. In the month of September the incoming GSADC will shadow the outgoing GSADC.

During the GSADC appointment, you will have the opportunity to work directly with the [Chancellor](#), [Dean of Graduate Studies](#), and other campus administrators and staff on issues and events related to graduate education and student life. This level of engagement will provide you with an opportunity to develop key leadership, advocacy, and organizational skills for working within higher education administration and academia.

As GSADC, you receive two years of funding: a Service Year Fellowship for 2022-2023 as well as a Dissertation Year Fellowship for the year following, in recognition of your dedicated service to the community.

The deadline for applications is Monday, February 28, 2022.

For more information, please contact [Daisy Hernandez](#), current Graduate Student Advisor to the Dean and Chancellor. To learn more about the Responsibilities, Activities, Funding and Qualifications of the GSADC and to apply for the position please visit the [Graduate Studies website](#).

Professional Development and New Courses

2nd annual 3-Minute Elevator Pitch Competition

The CALESS (Chicanx and Latinx Engineers and Scientists Society) graduate group is excited to announce our 2nd annual 3-Minute Elevator Pitch Competition!

This competition seeks to promote the representation and success of Chicanx and Latinx STEM graduate students at UC Davis and is a great opportunity to practice presenting your research proposal to a broad audience with a chance to compete for awards.

Over \$3000 in awards will be presented to the top 6 finalists, with the top presenter earning \$1000 sponsored by the PROMISE Engineering Institute (PEI)!

You do not need to be a CALESS member or identify as Hispanic/Latinx to apply.

The application is due on March 23rd, and can be found here: <https://bit.ly/caless-pitchcomp-22-app>

We hope to get a diverse group of grad students across from various STEM disciplines across campus, and would love for you to join us on April 29th! Please reach out to us at caless.gradstudents@gmail.com with any questions.

Meet with the Graduate Student Advisor to the Dean of Graduate Studies and Chancellor (GSADC) - Office hours

Daisy Hernandez, the [Graduate Student Advisor to the Dean of Graduate Studies and Chancellor](#) (GSADC) is here to advocate for her fellow graduate and professional students. As much as the university works to make this campus the best for its students, there is always room for improvement. However, change cannot happen without someone speaking up first, so she would like to take some time to connect with you all to discuss your questions and concerns. She will make sure your voice gets heard.

She will be holding virtual office hours on Wednesday Feb 9, 2022 from 1:00 to 3:00 pm. Here is the link: <https://ucdavis.zoom.us/j/98163763246>

Feel free to drop in at any time within that slot. If you are unable to attend, she is always available through email: gradassistant@ucdavis.edu

Spring 2022 Course: D-Lab - Designing Accessible Spaces

Course Description: D-Lab II is a design, build, test course focused on designing accessible spaces for the new Engineering Student Design Center (ESDC). Taught by Professor Kurt Kornbluth, this studio-style course focuses on the design process and prototype construction and testing. Graduate and undergraduate students of all disciplines can apply.

Admission by application only. Please visit <https://tinyurl.com/3p2ebvuv> to apply and receive the CRN.

More information about the course and past projects are available here: <https://piet.ucdavis.edu/dlab2>. Flyer is attached.

Course Name: ABT 289A (D-Lab II)

Units: 4

Meeting times: MW, 10am-11:50am

Location: Wellman 25

Prerequisites: Admission by application only.

State and Federal Careers Panel

Wednesday, February 2, 5:00 – 6:30 PM PT

Zoom

Listen to a panel discussion of current state and federal employees and recruiters who will share their experiences with government service. They will share how they got their start and information about their unique departments. They will also answer your questions and give you advice on how to be a successful applicant.

Panelists:

- Edith Yuh* (she/her/hers), Senior Analyst for Science, Technology Assessment, and Analytics - US Government Accountability Office (GAO)
- Arionne Patterson (she/her/hers), Management Analyst & CA Pathways Coordinator - USDA Natural Resource Conservation Service (NRCS)
- Matt Vega* (he/him/his), Primary Care Mental Health Nurse Care Manager - US Veterans Affairs (VA)
- Chris Kent (he/him/his), Data Specialist, Care Program Section, Office of AIDS - California Department of Public Health (CDPH)
- Xochi Prock (she/her/ella), Manager, Workforce Planning & Recruitment - California State Parks

* = UC Davis alumni

Please register for this workshop in order to receive the Zoom Meeting ID:

https://ucdavis.joinhandshake.com/events/930138/share_preview.

Hack the Hidden Job Market: Networking for Grad Students and Postdocs

Wednesday, February 9 2022

3:00 pm - 4:00 pm PT

Many available jobs are not widely advertised - but there are still ways to find them. Join this virtual session for graduate students and postdoctoral scholars to learn ways to access the "hidden job market" through strategic communication with professionals, leveraging your connections, and reframing your approach to networking.

Register for Zoom Link:

https://ucdavis.joinhandshake.com/events/947474/share_preview

Diversity, Belonging and Inclusion at Work

Thursday, February 10, 2022

3-5 PM PT

via Zoom

This special employer networking event highlights **companies with a proven commitment to diversity and inclusion** through Employee Resource Groups (ERGs). You'll be able to meet and converse with reps in an informal setting and gain valuable insight into companies and how they address this important issue.

This event is done in a collaboration between the Internship and Career Center, Vice Chancellor's Office for Diversity, Equity and Inclusion and the UC Davis Academic Retention Initiatives

Confirmed companies and ERGs are:

Confirmed companies and ERGs are:

Accenture (Hispanic American Employee Resource Group (HAERG))

Amazon (Latinos @ Amazon).

Amgen (Amgen Asian Association).

Avanir Pharmaceuticals (Diversity and Inclusion).
Blue Shield (Operation VET).
Centene Corp.
E&J Gallo Winery (Gallo Veteran's Organization). Google (Black Googler Network (BGN),
Hispanic/LatinX Google Network (HOLA),
Women Googler Network (Women@),
Google American Indian Network (GAIN),
and the Disability Alliance Network (DA)).
Marchon Eyeware (VSP) (Asian & Pacific Islander Business Resource Group (API-BRG)).
National Park Service (Employee Empowerment Collective).
Sacramento Municipal Utility District (SMUD).
UC Davis (Asian Pacific American Systemwide Alliance,
Native American Faculty Staff Association).
USDA-NRCS US Fish & Wildlife (LGBTQ ERG).
(check back regularly for updates)

Register for the Zoom Link:

https://ucdavis.joinhandshake.com/events/886927/share_preview