

Hi CEE Graduate Students,

Please see this week's announcements below:

---

### **Fellowships and Scholarships**

*ASFPM Scholarship*

*CWEA's annual scholarship*

*UCLA Postdoc Fellowship Program Information Session on Feb. 7 2023*

### **Professional Development**

*Natural Reserve System research grants for work at Quail Ridge and Stebbins Cold Canyon Reserves*

*Seminar on College Teaching EDU398*

*WQ 2023 graduate course: Global Groundwater-Agriculture Nexus*

*Stanford Propel 2023 Applications Now Open!*

*Join the Graduate Teaching Community!*

*PEER Student Committee (PSC)*

*MMI 291 Seminar - Friday, January 20, 2023 - Sara Suliman, MPH, Ph.D. - 12:10-1 PM (Hybrid)*

*Engineering and Technology Internship and Career Fair (Next Wednesday)*

*Invitation for Civil and Environmental Engineering to Apply for Spring Citadel Events*

### **Job Opportunities**

*Kimley-Horn recruiting @ UC Davis*

*Winter TA Opportunities in Sociology*

*UArizona: Tenure-track and career-track openings in Transportation and Arch Eng*  
*UArizona: Tenure-track and career-track openings in Transportation and Arch Eng*

*Tenure track faculty position, Environmental Engineering, Arkansas State University*

---

## Fellowships and Scholarships

### ASFPM Scholarship

- Application deadline is February 1, 2023.
- The ASFPM Foundation's Future Leaders Scholarship (FLS) is up to \$20,000 per year for two years available to a student entering their junior year of undergraduate studies in the fall of 2023.
- The FLS will pay undergraduate tuition and living expenses.

- The FLS is for any degree program that supports the Foundation's vision of reducing the risk and impacts of floods on people and communities. The FLS is not just for engineers.
- Visit the Future Leaders Scholarship page for details. An online application is required. A PDF of the application is available here.

NOTE - Students do not need letters of recommendation by February 1, 2023!

## CWEA's annual scholarship

Students attending a College, University, Community College or Technical Trade School are all encouraged to apply.

Total amount available for disbursement this year is \$35K.

### APPLICATION TIPS

- Get help from a mentor.
- Share your resume with your references. You can even provide them with a sample outline with key points to cover about you.
- Read the application and gather all materials mentioned before applying online.
- Applications are due on February 15, 2023 for the school year beginning September 2023.

Apply here: <https://www.cwea.org/awards/kbs/>

## UCLA Postdoc Fellowship Program Information Session on Feb. 7 2023

### What is IRACDA@UCLA?

- IRACDA@UCLA is a research and teaching postdoctoral fellowship program at UCLA funded by NIH with fellowship support up of to three years of postdoctoral salary
- The program combines a traditional bioscience research-focused postdoc training with training in teaching and professional development directed towards a faculty career
- Fellows receive teaching training and experience focused on undergraduates underrepresented in STEM education
- We can help match applicants with UCLA faculty mentors for their research training
- Participation in this program makes fellows more attractive candidates for faculty positions

### Why choose IRACDA@UCLA?

- UCLA is top research university with stellar resources and training
- 60% of our former trainees successfully landed tenure-eligible faculty positions; 100% are in rewarding careers in bioscience research or teaching
- Fellows have a built-in community and receive support and mentorship throughout their postdoc and beyond
- Favorably located at beautiful West Los Angeles

Find more information at [WEBSITE](#)

# Professional Development

Natural Reserve System research grants for work at Quail Ridge and Stebbins Cold Canyon Reserves

We anticipate making multiple awards of up to \$2,500 each. In exceptional circumstances, larger award amounts may be considered. Applications should be submitted to Gary Bucciarelli, Director of Strategic Engagement for the UC Davis Natural Reserves, at [garyb@ucdavis.edu](mailto:garyb@ucdavis.edu) by 5:00 pm, Sunday, January 29, 2029. Please contact him or Shane Waddell, UC Davis NRS Associate Director, at [smwaddell@ucdavis.edu](mailto:smwaddell@ucdavis.edu), with any questions about the application package (attached).

Students in all disciplines are encouraged to apply. Natural Reserve facilities and study sites are available to students from all departments, including the natural and social sciences, humanities, education, medical and veterinary sciences, and engineering. Applicants who are not currently working at Natural Reserves should contact the Associate Director to discuss how proposed projects might be implemented at Stebbins Cold Canyon and/or Quail Ridge Reserve.

## Seminar on College Teaching EDU398

The Seminar on College Teaching (SCT) is an interactive course designed to help graduate students and postdoctoral scholars develop essential skills for effective instruction in college-level courses. If you plan to teach undergraduates in your career, this course provides you with core skills based on foundational and emerging research-based practices on how students learn. Students engage with classmates in thought-provoking discussions and activities about the implementation of pedagogical techniques in a university classroom setting. SCT will be taught in the new Teaching and Learning Complex.

Activities and topics will include:

- examining how students learn
- articulating course outcomes
- applying principles of course design
- aligning learning activities to meet course outcomes
- scaffolding instruction to support learning
- implementing active learning
- creating meaningful and transparent assignments
- establishing an inclusive and equitable learning environment
- designing and participating in micro-teaching sessions

The Seminar on College Teaching is open to graduate students and postdocs. Graduate students should register for two units of credit. Postdocs can also participate and complete all seminar requirements without registering for credit; email the instructor to register. Participants who complete all course requirements will earn recognition of completion that can be included on your curriculum vitae and in your teaching portfolio.

CRN: 22388

Instructor: Kem Saichaie, PhD., Director of Learning, Teaching, and Assessment

Time: Wednesdays from 1:10-3:00 PM

Location: Teaching and Learning Complex Room 1211

WQ 2023 graduate course: Global Groundwater-Agriculture Nexus

See flyer in attachments.

Stanford Propel 2023 Applications Now Open!

Launched in 2021, the Propel Postdoctoral Scholars Program seeks to empower outstanding scientists, prepare future faculty leaders, and create and a community of promising bioscientists from backgrounds historically underrepresented in academia who are interested in becoming faculty. Propel is a 2-year cohort-based program that provides a \$80,000 annual salary with benefits and \$5,000 supplemental research funds.

Propel is designed to help you thrive in your postdoc and faculty career with programming that supports community-building, career development to navigate the transition to a faculty career, and professional skills like grant writing, science communication, networking, and mentoring.

Eligible applicants are encouraged to contact the Propel team for guidance on preparing a successful application, including connecting with potential mentors.

Join the Graduate Teaching Community!

Join the Graduate Teaching Community for Winter 2023!

- Are you interested in learning more about evidence-based research on teaching and learning?
- Do you want to improve your teaching and develop strategies that lead to better learning outcomes?
- Do you want to build a competitive CV?
- Do you want to collaborate with an interdisciplinary graduate student group?

If you answered YES to any of these questions, join the Graduate Teaching Community today!

Weekly Meeting Time: Thursdays, 12:00 – 1:00 pm

First Meeting: Thursday, January 19th, 2023

Location: The Grove, room 1360 or on Zoom

Facilitators: Ian Lim (itlim@ucdavis.edu) and Jeff Nichols (jsnichols@ucdavis.edu)

**Registration: Complete this form**

What occurs in Graduate Teaching Community (GTC) meetings?

GTC meetings are informal, discussion-based gatherings geared toward enhancing the teaching skills of graduate student instructors. Every meeting begins with a check-in from participants about their teaching practices and classroom experiences, followed by a presentation on evidence-based teaching and learning strategies facilitated by GTC participants. In Winter 2023, GTC will discuss the book, *Make It Stick: The Science of Successful Learning*, by Brown et al. It is available as an e-book through the UC Davis library

What are the benefits of joining the Graduate Teaching Community?

Participants gain confidence in the classroom and a deeper understanding of learner-centered, inclusive teaching practices. Participation in the Graduate Teaching Community is also a great feature to include on a CV to demonstrate professional development in teaching. Participants can receive a GradPathways

Microcredential by attending a required number of sessions, facilitating a discussion, and writing a blog post reflecting on the quarter.

[Click here](#) to learn more about the Graduate Teaching Community

## PEER Student Committee (PSC)

It's time to get ready for the quarterly PSC Future of Research Series. This research series serves as an accessible platform for motivated undergraduate and graduate students to learn about exciting and innovative research being done across the PEER community. We are excited to have this quarter's seminar be led by Professor Henry Burton from the University of California, Los Angeles. The seminar will be held on January 19th from 12:00 pm to 1:00 pm via Zoom. More information about the seminar and Professor Burton can be found [here](#). In addition to our seminar, 10 people selected randomly from the pool of RSVPs will get an UberEats voucher for \$20! RSVP by the 17th to enter the lucky draw. [RSVP here](#).

MMI 291 Seminar - Friday, January 20, 2023 - Sara Suliman, MPH, Ph.D. - 12:10-1 PM (Hybrid)

See attachments for more.

## Engineering and Technology Internship and Career Fair (Next Wednesday)

UC Davis Engineering and Technology Internship and Career Fair (In-person)

- Wednesday, January 25th 2023, 10:00 am - 2:00 pm PST
- Company List
- ICC Career Fair Dates: <https://icc.ucdavis.edu/employer/fairs>

## Invitation for Civil and Environmental Engineering to Apply for Spring Citadel Events

Taking place this Spring season, we will be hosting in-person West Coast Datathon and virtual West Coast Terminal. Top performing students have the opportunity to win USD\$15,000 in cash prizes and exclusive recruiting opportunities with Citadel. The event is open to all current undergraduate, graduate, and PhD students.

Feb 13-21: Virtual West Coast Regional Terminal: Terminal is an online game where software engineers and computer scientists (or anyone else interested in coding!) build an algorithm to play a tower defense game in a team-based setting. Watch this video to see Terminal in action!

Application Deadline: Feb 3rd

**APPLY FOR TERMINAL**

March 10-11: In-Person West Coast Regional Datathon: Datathons are data science competitions that challenge students from the world's best universities to tackle real-world social challenges in topics such as urban traffic, renewable energy, and education.

All accepted students will have transportation/accommodation costs covered

**APPLY FOR DATATHON**

Admissions are made on a rolling basis, so I encourage you to complete your application before we reach full capacity.

Please don't hesitate to reach out to us at [competitions@correlation-one.com](mailto:competitions@correlation-one.com) if you have any questions.  
Good Luck!

## Job Opportunities

Kimley-Horn recruiting @ UC Davis

Coachella Valley, CA

Civil Engineer Analyst

Intern – Civil Engineering

Los Angeles, CA

Civil Engineering Analyst

Intern – Civil Engineering

Long Beach, CA

Civil Engineering Analyst

Intern – Civil Engineering

Oakland, CA

Civil Engineering Analyst

Intern – Civil Engineering

Orange, CA

Civil Engineering Analyst

Intern – Civil Engineering

Pleasanton, CA

Civil Engineering Analyst

Intern – Civil Engineering

Riverside, CA

Civil Engineering Analyst

Intern – Civil Engineering

Sacramento, CA

Civil Engineering Analyst

Intern – Civil Engineering

San Diego, CA

Civil Engineering Analyst

Intern – Civil Engineering

San Jose, CA

Civil Engineering Analyst

Intern – Civil Engineering

San Mateo, CA

Civil Engineering Analyst

Intern – Civil Engineering

## Winter TA Opportunities in Sociology

The Department of Sociology is seeking Teaching Assistants for:

### SOC 002 — Introduction to Sociology

Course Description: Principles and basic concepts of sociology. The study of groups, culture, collective behavior, classes and caste, community and ecology, role, status, and personality.

### SOC 003 — Social Problems

Course Description: General sociological consideration of contemporary social problems in relation to sociocultural change and programs for improvement.

### SOC 046 — Introduction to Social Research Methods (4 units)

This version has ended; see updated course, below.

Course Description: Examination of logic and methods of sociological research. Selection and definition of problems of investigation, data-gathering techniques, and sampling.

### SOC 131 — The Family (4 units)

Course Description: Contemporary family life in historical and cross-cultural perspective. How different family forms arose, their significance today and prospects for further family change. Attention to power relations within and beyond the family and to the social implications of family transformation.

Prerequisite(s): SOC 001, SOC 002, or SOC 003 recommended.

### SOC 135 — Social Relationships (4 units)

Course Description: Social and cultural factors influencing friendships and intimate relationships. Topics include relationship development, relationship maintenance, and relationship loss.

Prerequisite(s): SOC 001, SOC 002, or SOC 003 recommended.

These positions are 50% time, on campus and in person. The TA will attend all course lectures; lead two discussion sections each; maintain student records and grades; read and evaluate written and oral assignments; and proctor all exams. Additionally, the TA will hold 2 office hours per week.

#### Required Qualifications:

- Must have attended, or will attend prior to beginning this position, the mandatory CEE TA orientation (offered every September).
- Must complete Sexual Harassment Prevention Training online prior to beginning position.
- Must be eligible to hold a graduate academic appointment.

#### Preferred Qualifications:

- Undergraduate or graduate work in sociology or related field
- Experience as a teacher, TA, Reader, and/or AI

#### Application Details:

To apply, please send cover letter with explanation of qualifications and current CV to Jacque Leaver at [jjleaver@ucdavis.edu](mailto:jjleaver@ucdavis.edu)

Or apply through Handshake Job #

UArizona: Tenure-track and career-track openings in Transportation and Arch  
EngUArizona: Tenure-track and career-track openings in Transportation and Arch  
Eng

1. Tenure/tenure-track faculty in the transportation area, and
2. Career-track faculty in the Architectural Engineering program

See attachments for more.

Tenure track faculty position, Environmental Engineering, Arkansas State  
University

Arkansas State University ([astate.edu](http://astate.edu)) is pleased to announce an open tenure-track faculty position in Environmental Engineering. A-State has a strong focus on undergraduate education as well as research, and we are seeking an energetic individual to join our CE faculty. Additional details may be found [here](#), and applications are being received through 2/10/2023.