

Hello Civil and Environmental Engineering Graduate Students,

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Job Opportunities

Spanish Department Reader Position for Winter 2022

The Spanish program is seeking applications for a reader position this Winter 2022 quarter. The course is SPA 111N - The Study of Spanish: Sounds and Words

Reader Qualifications

Required:

- Bachelor's Degree in a Spanish-intensive field, or in any discipline from a Latin American or Spanish institution
- Experience in writing academically in Spanish

- Knowledge of Spanish grammar and structures unique to academic writing

Preferred:

- Some graduate level Spanish-intensive coursework
- Experience in assessing or tutoring writing in Spanish
- Experience in teaching Spanish courses that involve writing

Email Prof. Travis Bradley with your materials if interested. Also complete the application in HANDSHAKE (HANDSHAKE Job #5864593)

Travis G. Bradley tgb Bradley@ucdavis.edu

Water Resource Control Engineer position (Limited Term - Drought)

Under the close supervision of the Senior Environmental Scientist Supervisor of the Instream Flows Unit, the incumbent will work as a member of an interdisciplinary team tasked with the development of drought response actions necessary to protect water quality objectives and beneficial uses in priority watersheds throughout the State. The incumbent will perform engineering analyses, research, and modeling assignments related to determining and implementing drought response actions throughout California. This work includes collection and interpretation of hydrologic and other data relating to stream morphology and alteration, reservoir operations, erosion, stream flow, water quantity and quality relationships, and water use. The incumbent will also evaluate water supply and demand to inform the implementation of curtailments or other actions to ensure implementation of the water rights priority system and any established instream flow requirements. Assignments will also require compilation and evaluation of existing water rights, as well as prioritization of water rights based on priority dates. The incumbent will evaluate flow recommendations provided by fisheries agencies relative to available water supplies, beneficial uses, demand, and other relevant factors, and subsequently evaluate hydrological, geological, environmental, water supply, and other potential effects of implementing flow requirements.

<https://www.calcareers.ca.gov/CalHrPublic/Jobs/JobPosting.aspx?JobControlId=286249>

GRE Quantitative Instructor position

The McNair Scholars Program, a federally funded professional development program for students from groups underrepresented in graduate study, seeks an instructor for the Quantitative (Math) section of the GRE. This position is available for the Spring 2022 quarter with the potential to extend through summer 2022. More information about the McNair Scholars Program can be found at <https://mcnair.ucdavis.edu/>.

To apply, please send a CV and a letter of interest to mcnairstaff@ucdavis.edu with "McNair Quantitative GSR" in the subject line. Graduate students that were participants in graduate preparation programs (McNair, UC LEAMS, LSAMP, MARC...etc.) are highly encouraged to apply. The first review of applications will take place **January 31st**.

Paid Position Available for Both Undergraduate and Graduate Students (ASEE)

Are you interested in becoming involved in the peer review process for publishing academic papers? Looking to strengthen your resume for graduate school? Apply to join a team of student reviewers! Reviewers will attend a one-hour training on how to review papers, then will be assigned reviews to

complete for the NSF Grantees Poster Session at the Annual Society for Engineering Education conference. See position information below for more information on expectations and requirements

Apply here: <https://ucdavis.joinhandshake.com/>

Jobs # 5861726 and 5861721

Position is at STDT3 level and available to both work-study and non-work-study students

Questions? Contact Susan Gentry at spgentry@ucdavis.edu

Job Purpose: Assist in reviewing papers submitted to the NSF Grantees Poster Session at the 2022 Annual Society for Engineering Education

This job is particularly appropriate for students interested in graduate school or the academic peer review process. Students will practice assessing quality in technical writing and providing constructive feedback in the capacity of a reviewer, and will be exposed to cutting-edge engineering education work.

It is expected that the assistant will attend one of the two mandatory training sessions and work at least 20 hours over the period from February 7 through March 7, although assistants may request more hours during this period. Students will be permitted to complete their reviews remotely on a flexible weekly schedule. Multiple hires are planned for this position; the position will remain open until all slots are filled.

Position Description:

- You will be trained to review submitted papers on engineering education programs and research.
- Participants will then be assigned papers to read and review, based on the provided training
- Students will communicate paper decisions with the project lead

Academic Coordinators for California Institute for Water Resources

Two positions at the California Institute for Water Resources are now open with applications due on January 30, 2022. Find out more and apply here: <https://ciwr.ucanr.edu/Jobs/>

Graduate Student Researcher at The Student Recruitment and Retention Center (SRRRC)

The Student Recruitment and Retention Center (SRRRC) is recruiting a Graduate Student Researcher - we are seeking self-motivated, accountable, professional leaders!

The Graduate Academic Achievement and Advocacy Program (GAAAP) is the first UC-based, student-initiated, student-run recruitment and retention program for graduate students. GAAAP is dedicated to empowering and retaining historically underrepresented graduate and professional students.

Open position: Graduate Student Director/RROC Representative (GSR Position at 50%)

- The Graduate Student Director will have oversight of GAAAP which includes communication with GAAAP staff, overseeing GAAAP budget and proposals, and developing & coordinating programs related to supporting the retention of graduate students.

- In addition, they will serve as a liaison between the SRRC and various campus committees/organizations that address graduate student needs which includes, but is not limited to Graduate Studies. They will work on assessing the needs of underrepresented graduate students and support various graduate retention initiatives.

Learn more about the role here: <https://srrc.ucdavis.edu/get-involved/selection/gaaap>

Apply by Friday, February 11th at 11:59 p.m. (priority review date): [Application link](#)

Professional Development and Scholarships

Workshop - Demystifying and Engaging in the Diversity Statement Writing Process

Monday, January 31, 1:10-2:00 pm

Location: Zoom

[Register](#)

Diversity statements have become prerequisites for many positions on the academic job market. These statements demonstrate an individual's commitment to supporting and prioritizing diversity through their teaching and scholarship. In this hands-on workshop, participants will review the conventions and criteria by which diversity statements are assessed. They will also have the opportunity to brainstorm ideas for their own statements and engage in peer review. Participants are highly encouraged to bring a draft of their own diversity statement to the workshop to review and revise. Participants are also encouraged to access and complete the TAC On-Demand module, "[Writing a Diversity Statement: Communicating Experiences with Social Justice in Higher Education](#)," prior to attending the session.

Workshop - Making Group Work *Work* for You: Ideas for Creating Collaborative Classrooms

Monday, February 7, 1:10-2:00 pm

Location: Teaching and Learning Complex, room 1211

[Register](#)

Creating opportunities for students to collaborate on assignments or projects is considered a high-impact practice in higher education (AAC&U, 2008). These collaborative practices can take a number of forms: problem-solving groups, study groups, ongoing group projects, and more. In this session, participants will consider how small group activities can support course learning objectives and will explore strategies for facilitating small group activities in ways that are equitable and productive.

Workshop - Accessibility through Universal Design for Learning

Monday, February 28, 1:10-2:00 pm

Location: Teaching and Learning Complex, room 1211

[Register](#)

Universal Design for Learning (UDL) is a framework for designing inclusive learning environments. The framework helps instructors remove barriers to learning by promoting flexibility in course content delivery and assessment. In this workshop, we will provide an overview of UDL principles, and we will consider ways to apply these principles across various disciplines and course contexts.

Workshop - Self-Assessments and Peer Feedback: Strategies for Saving Time and Adding Value to Student Learning

Monday, March 7, 1:10-2:00 pm

Location: Teaching and Learning Complex, room 1211

[Register](#)

Written and verbal feedback can promote student learning and growth. However, it can be difficult to find enough time to provide meaningful feedback to all students on a regular basis. In this workshop, we will discuss ways to share the responsibility of feedback with students by implementing strategies such as self-assessments and peer feedback. These strategies can not only supplement instructor-provided feedback but also help students gain independence and learn from each other.

2022 UC Davis Grand Slam

[Grad Slam](#) is the annual event for all master's and doctoral students to share their research story, concisely and compellingly, in three minutes or less!

Not only will you refine your research communication skills, but the winners will also take home prizes ranging from \$500 to \$2,500.

The Grad Slam competition starts with video submissions for the virtual qualifying round. A panel of judges will select the top ten finalists to proceed to compete at the in-person UC Davis Semi-Final Round on April 6.

To participate in the qualifying round, record your Grad Slam presentation and upload the video along with an accompanying PowerPoint slide by February 16.

Registration: <https://grad.ucdavis.edu/register-uc-davis-grad-slam>

[Engineering and Energy Internship and Career Fair](#)

Date: Tuesday, January 25, 2022

Time: 10:00 am to 4:00 pm PT

Location: Online via [Handshake](#)

We will have **70+ employers** targeting graduate students and postdoctoral scholars.

To attend, students, postdocs, and alumni can register and then sign up for group or one-on-one sessions. If the employer does not have sessions yet, follow the employer on Handshake, enable notifications to receive updates on newly created sessions, and check back often.

For your convenience, we are linking a view-only Google spreadsheet highlighting the employers, the positions they are hiring for, and their targeted degree areas. This spreadsheet is not comprehensive, therefore, we encourage you to visit the fairs on Handshake or employers' websites to view all job opportunities. [Click here to view the Google Sheet](#) (UC Davis login required).

To learn more about the employers visit Handshake.

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

Join us on **February 24th and February 25th, 2022** for the **50th annual Agricultural and Environmental Chemistry Graduate Group's Winter Colloquium**. We are thrilled to have Dr. Robert Kostecki and Dr. Sieglinde Snapp as keynote speakers. Furthermore, we are greeting Dr. Jasquelin Peña, who is joining our graduate group and will be presenting at the colloquium.

The speaker's presentation schedule may 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)

Talk titles and abstracts will be sent out within the weeks following this invitation. Please **RSVP** for the **Social Event on Friday, February 25th from 5:30-7:30PM** using this form: [Social Event RSVP Form](#).

Kirt Brooks Memorial Water Environment Scholarship

Scholarship provides annual scholarships for individuals attending a College, University, Community College or Technical Trade School and pursuing a course of study related to the Water Environment Field.

Recipients must be members of CWEA or be sponsored by a CWEA member.

Applications are due on **February 15, 2022** for the school year beginning September 2022.

In 2021, the Kirt Brooks Scholarship committee awarded \$30,000 total to applicants.

Apply:

http://send.cwea.org/link.cfm?r=Rf3FQ2yEjjaFEWg52uSSLQ~~&pe=6XgsW9FPPHAaSQjbgp5fuzZ9H3nINNeWxNN5WxrmTPqexyy4oQXDpucPu_xPICS17suywMKkl4hWP4a7zqsPpw~~&t=OW5tJlyYNv8ITm_kvCifUw~~

WISE Seminar Lunch Series

Department of Environmental Science & Policy

Wednesday, January 26

Zoom 12:00-1:00 <https://ucdavis.zoom.us/j/94204265710>

Who is Driving Electric vehicles? Understanding Consumer Adoption and Forecasting Market Diffusion

The successful market entry of plug-in electric vehicles (PEVs) is contingent on them being adopted by consumers, the first of which will be early adopters. For the market share of plug-in electric vehicles

(PEVs) to continue to grow and reach 100% of new vehicle sales, adopters of the technology, who initially buy PEVs, will need to continue choosing them in subsequent purchases. This talk will present research conducted by me and as part of the PH&EV center that seeks to understand the spatial and temporal distribution of electric vehicles from early adopters to 100% market share. My talk will include a review of recent modeling tools and frameworks we used and a policy discussion on the policy pathways to achieve a zero carbon light duty transportation system.

Campos Research Colloquium

In this talk, Jacqueline Barlow will present multiple projects investigating the types of events that arise during normal replication to create damage, as well as the molecular mechanisms driving how “planned” antibody-associated and “unplanned” replication-associated chromosome rearrangements are formed. Jaqueline Barlow will discuss the potential impact of chromosome rearrangements on adaptive immunity and tumorigenesis.

Wednesday JANUARY 26

3:10-4:30 pm

[Zoom only](#)

Please join us on Zoom on Wednesday (3:10p)

up next:

2/2 • Jasquelin Peña • Civil and Environmental Engineering

2/16 • Maciel Hernández • Human Ecology

2/23 • Jeanette Ruiz • Communications

3/2 • Jairo Fúquene Patiño • Statistics

3/9 • Theanne N. Griffith • Physiology and Membrane Biology

Volunteering

Volunteers Needed for Olive Oil Study

We are currently recruiting volunteers for a study comparing how the consumption of two different olives oils affects cardiovascular disease risk markers.

Participants should be healthy non-smokers between the ages of 20-45, with no history of diabetes or other metabolic conditions. They will be asked to complete an eligibility questionnaire over Zoom, as well as a screening visit and 4 study visits at the Ragle Human Nutrition Center on campus. Participation involves eating olive oil daily and giving blood and urine samples during the 4-hour study visits. Compensation of up to \$200 will be provided.

More information can be found on Study Pages [here](#), or you can copy the URL below.

<https://studypages.com/s/a-study-of-olive-oil-polyphenols-molecules-in-plant-based-food-and-cardiovascular-health-273896/>

Those interested can reach out through Study Pages or directly to me at aalutz@ucdavis.edu

