

Civil and Environmental Engineering Announcements

Week 5 -- January 31, 2022

Happy Week 5!!

1. Get Involved on Campus

- a. Women's Transportation Seminar
- b. ASA98F Redefining Health Advocacy through Community Action
- c. Opportunities for Student Entrepreneurs @ UC Davis

2. Career/Internship

- a. Apply NOW! Fully-Funded Summer Research Opportunities for Undergraduates Interested in Earthquake Science
- b. Structural Engineers Association of Central California (SEA OCC) Career Fair
- c. Yolo-Solano Air Quality Management Dist - Internship Opportunity (for students!) and Job Openings (for alumni!)
- d. Paid student reviewer position (STDT3)
- e. Q&A SESSIONS: Undergraduate Research, Scholarship & Creative Activities Conference
- f. Diversity, Belonging and Inclusion at Work
- g. State and Federal Careers Panel

Get Involved on Campus

Women's Transportation Seminar

The WTS UC Davis Student Chapter is hosting a panel of young professionals from 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 learn 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. Use the link below to register for the event -- the deadline for registration is Tuesday, February 1st.

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

What is WTS? Women's Transportation Seminar (WTS) is an organization dedicated to creating a more diverse transportation industry through the advancement of women. The UC Davis student chapter hosts guest speakers, workshops, and socials to promote academic growth and professional development for students interested in transportation. Both undergraduate and graduate students of all gender identifications are welcome to join! To get the latest updates on this event and others, sign up for our listserv here: <http://eepuri.com/hb6GN9>.

WTS SACRAMENTO - UC DAVIS CHAPTER PRESENTS

WTS
YOUNG
PROFESSIONALS
PANEL

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

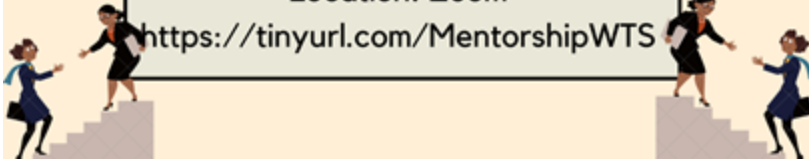
Thursday, February 3rd at 7pm PST

Please save your spot!

Registration is open until February, 1st

Location: Zoom

<https://tinyurl.com/MentorshipWTS>



ASA98F Redefining Health Advocacy through Community Action

ASA98F

Redefining Health Advocacy Through Community Action

As a student-led course, ASA98F will introduce students to perspectives of equity, healthcare, public health, and research through a community action lens. As future leaders in health, education, and legislation, students will hear firsthand what the roads toward equity look like from a community grassroots perspective. This course will also invite expert advocates, health providers, and activists who come from their respective communities to share knowledge, experiences, and calls to action.

Environmental Health & Justice

Data Disaggregation

Inadvertent Harm and Intentional Equity

Healthcare Industry

Organizing for Healing

Social Determinants of Health



THURSDAYs 4:10-6:00pm
CRN: 62436 | 2 UNIT P/NP
2022ASA98F@ucdavis.edu

Opportunities for Student Entrepreneurs @ UC Davis

Securing SBIR/STTR Funding Through NSF

02.03.22 | 1–3 p.m. | Zoom

[Details and Register >](#)

[Charles Eason](#) will provide a general overview of [Small Business Innovation Research /Small Business Technology Transfer](#) funding with a focus on strategies specific to securing funding through the National Science Foundation.

Got Questions? We've Got Answers!

Wed, 12:30–1:30 p.m.

Thurs, 5–6 p.m.

[Zoom in >](#)

Have a question /need advice about the [Big Bang!](#), [Little Bang!](#) or moving your venture forward? [Innovation and Entrepreneurship](#) student ambassadors offer online office hours: no appointment necessary.

Career/ Internship

Apply NOW! Fully-Funded Summer Research Opportunities for Undergraduates Interested in Earthquake Science

SCEC's Office of Experiential Learning and Career Advancement is seeking applicants for the [2022 SOURCES Internship Program](#).

SCEC SOURCES is a fully-paid, remotely-mentored internship that offers the opportunity for students to gain research experience and professional development, regardless of geographic location or availability of local researchers.

SOURCES undergraduate interns benefit from:

- A remotely-mentored research experience that contributes to advancing earthquake science
- Weekly meetings with their SCEC mentor to make progress on the research project
- Professional development webinars coordinated by SCEC
- An opportunity for students to present their research at a professional conference

- A visit to the mentor's institution (when possible)
- A weekly student stipend of \$600 per week, for 6 to 12 weeks (duration to be determined based on project needs)

Undergraduate students in all grade levels interested in applying their STEM background in earthquake science research are encouraged to [apply to SOURCES here](#). Applications received by February 25, will be considered in the first round of internship offers. Applications received after February 25 will be reviewed as needed.

Structural Engineers Association of Central California (SEAOCC) Career Fair



**STRUCTURAL ENGINEERS
ASSOCIATION OF
CENTRAL CALIFORNIA**

SEAOCC Student Night/Meet the Committees

STUDENT NIGHT CAREER FAIR

FEBRUARY 8, 2022 5:30-9:00 PM

Please join us for SEAOCC's February Virtual Meeting featuring a Career Fair. Students will have the opportunity to network and learn about full-time jobs, internships, and co-op opportunities at this Career Fair.

Breakout rooms will be provided for each of the participating firms to provide spaces for conversations. Participants will be able to switch breakout sessions of their choice or return to the main meeting room and the host will switch you.

Tickets to this event are free, register on the SEAOCC website.

Yolo-Solano Air Quality Management Dist - Internship Opportunity (for students!) and Job Openings (for alumni!)

The Yolo- Solano Air Quality Management District is hiring interns and associate air quality engineers. They will also be at the upcoming Virtual Engineering Internship and Career Fair on

Handshake! If you are interested in applying for this opportunity, the deadline to submit a resume is February 7th, 2022.



Yolo-Solano
Air Quality Management District

PAID INTERNSHIP

Opportunities for Engineering Majors

Civil, Chemical, Environmental, Electrical, or Mechanical

Eligibility: Must be a current UC Davis student with a graduation date of June 2023 or later

Location: South Davis (near Drew and Cowell)

Duties:

- Assist in the evaluation and permitting of stationary sources of air pollution
- Interact with the public and industry sources
- Input and analyze emissions data

Experience - Benefits:

- Gain practical regulatory experience in permitting, inspections, rulemaking and more
- Earn UCD internship credit hours (degree program dependent)
- Pay rate - \$18.26 per hour

Deadline to Submit Resume: February 7, 2022, 4:00 p.m.

Send resume with qualifications to: bbeattie@ysaqmd.org

Selection Date: February - March 2022

Internship Terms:

- June 13, 2022 through June 2023 (Year-round internship)
- 40 hours per week during summer (8:00 am to 4:30 pm, Monday through Friday)
- 10-15 hours per week during school year (flexible during normal business hours)

Talk with a YSAQMD Representative on January 25th.

Schedule your 10 minute one-on-one session at:

https://app.joinhandshake.com/emp/career_fairs/26050/schedule

For additional information, contact the District at **(530) 757-3650**

To learn about the Yolo-Solano AQMD, visit our website at www.ysaqmd.org

About Us

The Yolo-Solano Air Quality Management District (AQMD) is a special district whose mission is to protect human health and property from the harmful effects of air pollution. We believe that every person has the right to clean air every day. We seek to achieve that goal in all of our work, from rulemaking to permitting, from enforcement to public education, from planning to monitoring. All of our programs are designed to best achieve our mission.

Our Work

Rules and Compliance

Our Board of Directors adopts rules intended to protect our clean air without imposing unnecessary burdens on industry. The rules are enforced through the District's permitting process and compliance programs.

Permits

The District issues permits for industrial and commercial projects in its jurisdiction that have the potential to emit air pollution.

Land Use

The District's planning staff contribute to environmental review for local projects that could impact air quality and assist with initiatives intended to improve clean transportation mode share.

Paid student reviewer position (STDT3)

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

The 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

Job requirements:

- Attendance at one of the training sessions to be held Thursday 2/3/2022 and Monday 2/7/2022 from 6-7 PM
- Minimum GPA of 3.25 or better
- Upper-division or graduate student standing
- General computer skills
- Writing and communication skills for a professional setting

- Any classes taken in fulfillment of the writing requirement for their college or offered by UWP must be completed with a grade of B or better.
- Commitment to complete at least 20 hours of work between 2/7 and 3/7

Q&A SESSIONS: Undergraduate Research, Scholarship & Creative Activities Conference

**Join Dr. E. Nuñez, Undergraduate Research,
Scholarship & Creative Activities
Conference Chair**

****Return to an in-person conference**
April 29 & 30, 2022**

**Not sure what to expect from a
conference? Join Dr. Nuñez for a short
presentation on conference registration
and format. Scholars will have an
opportunity to ask questions. Looking
forward to seeing our Aggie scholars.**

All Conference Q&A sessions will be held on Zoom. No RSVP needed!

Zoom info available at <https://urc.ucdavis.edu/event-calendar>



Diversity, Belonging and Inclusion at Work

Thursday, February 10, 2022

3:00 pm - 5:00 pm

LERGs are groups of employees who join together based on shared characteristics or life experiences to provide support, enhance career development, and contribute to personal development. Representatives will discuss how their organizations welcome traditionally underrepresented populations and provide a great work environment and other advantages. If you've ever wondered how you would fit into a particular company, this event is for you!

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)

[Register on Handshaake](#)

State and Federal Careers Panel

Wednesday, February 2,

5:00 – 6:30 PM

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

[Registe on Handshake](#)