

# Civil and Environmental Engineering Announcements

Week 4 -- January 24, 2022

---

## 1. Get Involved on Campus

- a. AWWA Event Tonight 1/24
- b. Winter 2022 AATC Support Services
- c. Opportunities for Student Entrepreneurs @ UC Davis

## 2. Job Opportunities

- a. [Engineering and Energy Internship and Career Fair Tomorrow](#)
- b. Structural Engineers Association of Central California (SEAOCC) 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. Solar Sales Support Coordinator (Internship and Full-Time Opportunity)
- f. Handshake Opportunities

## 3. Professional Development

- a. State and Federal Careers Panel
- b. 1/25 Career Fair Invite

## 4. Scholarships

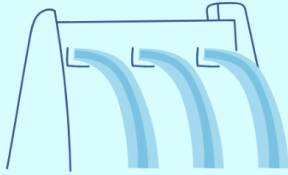
- a. Simpson Strong-Tie Student Scholarship Now Open
- 

## Get Involved on Campus

---

**AWWA Event Tonight 1/24**

# ***START YOUR JOURNEY IN WATER***



*Join AWWA as we take a peek into  
the water industry with Marc  
Quijano, production manager at Suez  
Water. Come ready to ask questions  
and start your journey in water!*

Monday, 1/24 @ 6 PM  
Zoom link on our linktree  
( scan the QR code )



SCAN ME

## Winter 2022 AATC Support Services

# Winter 2022 with AATC

The team of specialists, tutors, student assistants, and staff in AATC continue to provide the services students have come to depend on. **While instruction remains remote, all AATC services are provided virtually.** As instruction transitions back to fully/mostly in-person please check the website for updates on where drop-in services can be accessed.

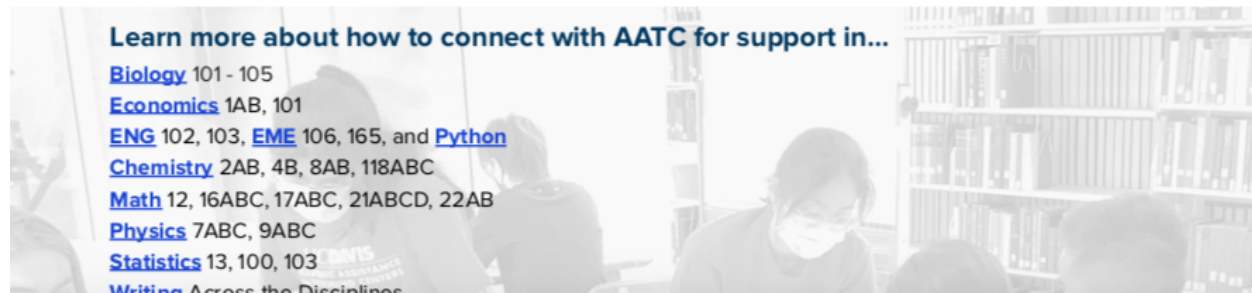
[tutoring.ucdavis.edu](https://tutoring.ucdavis.edu)

Students can choose the academic support that works best for them!

<b>Individual tutoring appointments</b> Book on OASIS, meet on Zoom	<b>Drop-in tutoring</b> Drop-in to study, ask questions, and practice problems No appointment needed	<b>Co-classes / Workshops</b> Meet weekly with Specialists to review content, get study tips, and practice problems
<b>Specialist Office Hours</b> Drop-in with specialists to ask questions	<b>Have Questions?</b> Our Virtual Front Desk is open at <a href="https://zoom.us/j/5307522013">https://zoom.us/j/5307522013</a> 9 a.m. - 6 p.m. Mon. -Thurs. 9 a.m. - 5 p.m. on Fridays 3 - 7 p.m. on Sundays	<b>Aggie Grammar Guide</b> Review key writing topics
<b>Video Catalogs</b> Watch content videos created by AATC Specialists		<b>Writing Studio</b> Drop-in to practice writing and ask questions

Learn more about how to connect with AATC for support in...

- [Biology](#) 101 - 105
- [Economics](#) 1AB, 101
- [ENG](#) 102, 103, [EME](#) 106, 165, and [Python](#)
- [Chemistry](#) 2AB, 4B, 8AB, 118ABC
- [Math](#) 12, 16ABC, 17ABC, 21ABCD, 22AB
- [Physics](#) 7ABC, 9ABC
- [Statistics](#) 13, 100, 103
- [Writing](#) Across the Disciplines



## Opportunities for Student Entrepreneurs @ UC Davis

### Your Customer, Your Market

01.27.22 | 6 p.m. | Zoom

[Details and RSVP >](#)

Learn how to identify your market segment and customers—and evaluate how much they value your product, service or business solution. Includes a real-time customer call in action.

### Little Bang! Pitch + Poster Competition

01.31.22 | 6 p.m. | Zoom

[Details and Register to participate >](#)

[RSVP to attend >](#)

Define your business idea and communicate it through a poster and a 90-second pitch. The [Little Bang!](#) will award up to \$6,500 in awards.

## **VCs @ UCD**

**01.20.22 | 1:10 p.m.**

[Zoom in >](#)

Entrepreneur and investor [Giacomo Marini](#) will share insights from his extensive experience starting and growing new businesses, identifying emerging technologies, creating new business models, and growing great management teams.

## **Hivemind Cohort**

**12 weeks in the spring**

[Details and apply by 01.31.22 >](#)

This program, offered by the [Carlsen Center](#) at Sac State, can help you and your team accomplish personal and business milestones. Join a community of peers who are also launching their startups.

---

## Job Opportunities

---

### Engineering and Energy Internship and Career Fair Tomorrow

Tuesday, January 25, 2022

# Winter 2022 Virtual Internship and Career Fairs

Engineering and Energy Internship  
& Career Fair (Registration Open!)

*Tuesday, January 25th, 10 - 4PM*

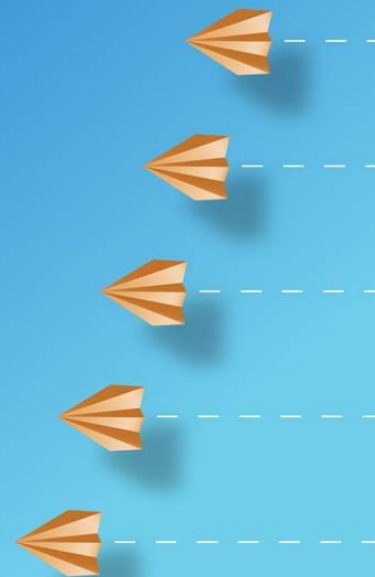
Winter Internship & Career Fair  
(Registration Opens Feb. 10)

*Thursday, February 24th, 10 - 4PM*

**UCDAVIS**  
INTERNSHIP AND CAREER CENTER

 **Handshake**

**GO  
PLACES**



10 a.m. – 4 p.m.

*Registration and session sign up for students and alumni opens  
Tuesday, January 11, 2022*

[Handshake](#) – virtual

## **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 7<sup>th</sup>, 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](mailto: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](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](http://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](mailto: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

## **Solar Sales Support Coordinator (Internship and Full-Time Opportunity)**

This opportunity is to join the BayWa r.e. Sales Operations team in Sacramento, CA. They are an EPC contractor providing our customers with development, engineering, construction, and operations services in the development of leading solar and storage energy solutions.

From client identification to contract development, the Sales Support Coordinator is involved in every step of the sales process, including the direct interaction with customers. In this position, you will be –

- Analyzing customer rate structures
- Generating preliminary solar and storage designs
- Modeling the financial value of energy systems
- Building customer sales proposals
- Organizing key sales documentation and researching potential customer opportunities

Qualifications -

- Completed or working towards a bachelor's degree in Environmental Studies, Business Management, or related fields
- 0-2 years of experience in sales operations
- Proficient with MS Office Suite: Excel, Word, PowerPoint and Outlook
- Excellent verbal and written communication skills
- Ability to work well with others in a collaborative team environment
- Ability to handle multiple projects in an organized and accurate manner
- Ability to pass a comprehensive background check and drug screen

Interested in applying? Submit a resume to Human Resources at [hr.powersolutionsus@baywa-re.com](mailto:hr.powersolutionsus@baywa-re.com). Ask about our other roles too!

Please see the attached pdf for more information

## **Handshake Opportunities**

[#5481605](#) Construction Management Internship - Cianbro

---

# Professional Development

---

## State and Federal Careers Panel

Wednesday, February 2nd, 2022

5:00 pm - 6:30 pm

Interested in state or federal work? Listen to a panel discussion with 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/agencies. They will also answer your questions and give you advice on how to be a successful applicant.

[Register on Handshake](#)

## 1/25 Career Fair Invite

Alumni Bill Peralta will be attending the virtual Engineering and Energy Internship and Career Fair on Tuesday 1/25 representing Cornerstone Earth Group, a geotechnical and environmental consulting firm he's currently working for. If any students would be interested in having a chat about the career opportunities, would like to know more about post-grad life, or would just like to chat, please feel free to sign up for a time slot on that day, link below:

[https://app.joinhandshake.com/schedules/recurring/17867/public\\_invite](https://app.joinhandshake.com/schedules/recurring/17867/public_invite)

---

# Scholarships

---

## Simpson Strong-Tie Student Scholarship Now Open

As part of the [Strong-Tie Undergraduate Fellowship](#) they are happy to announce the kick off of our [student scholarship](#) for Civil/Structural Engineering, Architecture, and Construction Management students for the upcoming Fall 2022/2023 school year.

The scholarship assists students who are pursuing undergraduate study in Civil or Structural Engineering, Architecture or Construction Management to support education and encourage the design and building of safer structures in our communities. UC Davis has been selected to participate in the program. The scholarship award is \$2,000. The deadline to submit the application and required materials online is March 18, 2022. Information along with a link to the online application is available on their website at: [www.strongtie.com/scholarships](http://www.strongtie.com/scholarships).

## Simpson Strong-Tie Student Scholarship

If you're an incoming junior/senior in civil/structural engineering, architecture or construction management, apply for \$2,000 toward your degree.

First-time scholarship recipients are eligible for an all-expenses-paid trip to the company's California headquarters in July 2022, as part of the Strong-Tie Undergraduate Fellowship.\*

[strongtie.com/scholarships](http://strongtie.com/scholarships)

Apply January 10 to March 18, 2022

\*Subject to change due to COVID-19 precautions.

© 2022 Simpson Strong-Tie Company Inc.



**STRONG-TIE**  
UNDERGRADUATE FELLOWSHIP

This program is administered by Scholarship America. For more information about the program, please call Lydia Rux at Scholarship America: 507-931-0728 extension: 1728.