

Civil and Environmental Engineering Announcements

Week 3 -- January 19, 2022

Happy Week 3!

1. Get Involved on Campus

- a. AWWA First General Meeting
- b. RESURG Spring 2022 Application Open + Q&A Registration

2. Professional Development

a. Engineering Career Fair 1/25

- b. SEAONC Career Fair Help
- c. EWRI Sacramento Chapter - February Webinar
- d. Invitation to NASA's University Student Research Challenge - Proposals Due Feb. 24!

3. Professional Development

- a. The Land Group Summer 2022 Internship
-

Get Involved on Campus

AWWA First General Meeting

American Water Works Association, UC Davis Chapter, will be having their first general meeting of the quarter **today** Wednesday, 19th January from 6pm - 7pm via Zoom. You can find the link to our general meeting along with other information here: <https://linktr.ee/AWWAatUCD>



[AWWA at UC Davis | Linktree](#)

Connect with students and young professionals interested in water-related fields

linktr.ee

During this meeting, they will be giving out information about club membership and events planned for this quarter.

RESURG Spring 2022 Application Open + Q&A Registration

You are invited to apply to the Research Experience in Surgery (RESURG) Program at UC Davis Medical Center for Spring Quarter 2022!

The application can be found here (<https://bit.ly/RESURG22>).

Research Experience in Surgery (RESURG) at UC Davis is an exciting new internship involving clinical research within the Department of Surgery, UC Davis Medical Center. Studies that we are working on range from the topics including but not limited to vascular disease, bariatric surgery, telemedicine, and trauma. They are looking for individuals who are driven, hardworking, creative, and effective communicators. This is a rigorous program that offers unique mentorship opportunities with experienced researchers and clinicians. Their goal is to train competent research professionals and to further students' individual professional and educational goals.

Currently we have the following positions available:

- Research Assistant(s)
- Data Specialist(s)

If accepted, students will be required to commit to at least three quarters (Spring Quarter 2022, Summer Quarter 2022, and Fall Quarter 2022) for at least 8 hours per week in 4 hour time slots between 7 AM-5 PM on Mondays-Fridays (tentative weekend options). The majority of hours will be completed remotely until further notice. Additionally, there will be separate mandatory 2-hour group training sessions weekly during Spring Quarter 2022, timing to be disclosed upon acceptance.

The DEADLINE for submitting this application is 11:59pm on Monday, February 14th. If selected, you will hear back from us between Monday, February 21st and Friday, February 25th and will schedule an interview with you between February 26th-27th. Interviews this application cycle will be conducted in person, but they may adjust to a remote interview option dependent on the university guidelines in place at the time. More information will be provided to those who are offered an interview.

If you have any questions concerning this application or RESURG as a whole, please do not hesitate to email HS-RESURG@ucdavis.edu and we will be happy to assist.

RESURG website: <https://health.ucdavis.edu/surgery/resurg.html>

RESURG Q&A SESSIONS:

Tuesday, February 1st at 7pm via Zoom. Register here (<https://bit.ly/QAFeb1>).

Wednesday, February 9th at 7pm via Zoom. Register here (<https://bit.ly/QAFeb9>).

Please fill out the appropriate form by the morning @8am for the session date you are interested in attending. Both sessions will be a Q&A, there is no difference between the two dates. The meeting information will be sent to those who have completed the registration form(s) on the date of the meeting.

Professional Development

Engineering Career Fair 1/25

Tuesday, January 25, 2022

10 a.m. – 4 p.m.

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

[Handshake](#) – virtual

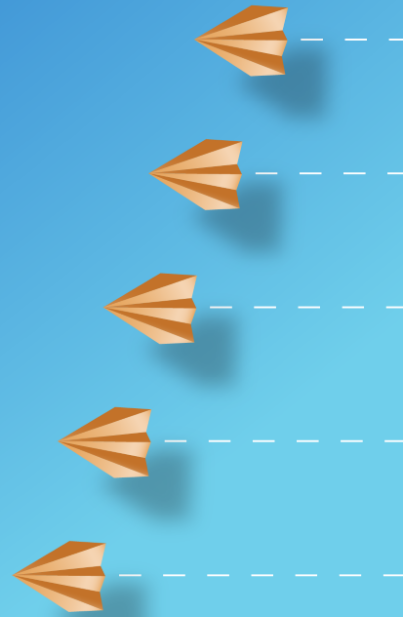
Winter 2022 Virtual Internship and Career Fairs

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**

SEAONC Career Fair Help

Registration and More Info: <https://www.seaonc.org/page/careerfair>

CAREER FAIR INFO SESSION



January 19th | 5 - 6PM PT

Learn how to navigate the Career Fair virtual platform and what to expect on career fair day while also getting inside tips from a practicing engineer on how to make a good impression with firm booth representatives.

SEAONC Career Fair: January 26th // 2 - 5PM PT
Visit [Seaonc.org/page/CareerFair](https://seaonc.org/page/CareerFair) to register



Follow on LinkedIn (<https://www.linkedin.com/company/seaonc>) for most up-to-date information.

EVENTS and Dates:

- January 19 Introduction To Career Fair
- January 26 CAREER FAIR
- February 8 Mock Interview Workshop
- February 15 Choosing Your Employer: Comparing Offer Letters & Finding The Right Fit

EWRI Sacramento Chapter - February Webinar

When
Wednesday, February 9, 2022
5:00 PM to 6:00 PM

Where
Webinar – Please use Eventbrite to register and gain access to the call in information.

The Sacramento Chapter of EWRI invites you to their next meeting

Speaker

Michael Anderson, State Climatologist for California

State of California and the National Oceanographic and Atmospheric Administration

Topic:

Watching Climate and Change - A talk on water year 2022

Join to hear Michael Anderson, State Climatologist for California present on the past 2 years of hydroclimate conditions in California, discuss the water year to date, look at expectations for the rest of the wet season, and highlight some new products/initiatives under development. California possesses a diverse landscape spanning 10 degrees of latitude and 10 degrees of longitude. Elevations range from the lowest point in the Continental United States to the highest point in the Continental United States. Sitting at the eastern edge of the Pacific Ocean in this location, California is characterized by a Mediterranean climate with cool, wet winters and warm, dry summers. The past two years have been drier than average with some record-setting elements characterizing drought.

Please register via EventBrite at the following link for access to the webinar call in information:

<https://www.eventbrite.com/e/ewri-sacramento-chapter-february-meeting-tickets-247400931847>

Registration for this webinar is FREE.

Invitation to NASA's University Student Research Challenge - Proposals Due Feb. 24!

Teams of university students participating in NASA's University Student Research Challenge (USRC) can earn up to **\$80,000** to advance aeronautics concepts relevant to NASA Aeronautics!

The **deadline for the next round of funding is 5pm Eastern Time on Feb. 24, 2022.**

Three-page proposals should be submitted via [NSPIRES](#).

Selected in three rounds annually, USRC grants support the development of proposed projects, with additional funding coming from at least \$2,000 of crowdsourced fundraising. Through the project, teams have the opportunity to engage in cutting-edge aeronautics research, receive hands-on concept development experience, actively participate in advancing the aeronautics research and development field, and gain experience as entrepreneurs to find additional funding to move concepts forward.

Sample topics for proposals might include:

- Advancing aviation designs,
- Developing technology or capabilities supporting aviation,
- Demonstrating a novel aeronautics concept, or
- Enabling advancement of aeronautics-related technologies.

View previously funded proposals on the [USRC website](#).

Proposals may also be submitted later, in the third and final 2021-22 funding cycle. The third cycle due date is June 23, 2022 at 5pm Eastern Time.

Interested teams are invited to participate in a Q&A/Info Session at 2pm Eastern Time on Jan. 24, 2022:

- [Click here to join the meeting](#)
- Or call in (audio only): +1 256-715-9946, 651237373#, Phone Conference ID: 651 237 373#

Visit [NSPIRES](#) for more information, including eligibility guidelines, and to view the full solicitation.

Job Opportunities

The Land Group Summer 2022 Internship



The Land Group is seeking talented applicants for a collaborative, 10-week paid internship position in the Boise, Idaho area. The Land Group's (TLG) Integrated Civil Engineering Internship Program will offer mentorship and career-development through observable, construction projects in one of the fastest-developing regions in the country. The intern will obtain field experience and a strong technical background that will become the foundation for a career in the civil engineering industry.

With the guidance of leading professionals, the intern's responsibilities will include:

- Researching and presenting on an integrated, multi-disciplinary topic
- Project Lifecycle Experience
- Producing construction documents using AutoCAD Civil3D
- Designing utility layouts, storm water drainage systems and site grading
- Compiling design calculations and technical reports
- Assisting in construction administrative tasks such as contractor coordination, site visits, inspections, and field reports
- Applying academic background to solve real-world problems for a diverse set of projects

Requirements:

- Must have completed two years' experience from an ABET-accredited institution in a related field
- Effective written and communication skills
- Ability to work and adapt in a team environment involving landscape architects, civil engineers, land surveyors and planners
- AutoCAD Civil3D experience is considered a plus

To apply, applicants must submit a letter of interest, a resume, and a list of two (2) references to internship@thelandgroupinc.com. Deadline to apply for this position is 03/04/2022. Shortlisted candidates will be notified for interview around mid-March 2021. See our website for more information: www.thelandgroupinc.com.