

# Civil and Environmental Engineering Announcements

Week 2 -- January 12, 2022

Happy Week 2! Please take a look at this week's announcements as there are many job and internship opportunities.

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## 1. Get Involved on Campus

- a. Ecogeomorphology San Juan River - spring 2022 course announcement
- b. ChemE Car Info Session
- c. Join CALPIRG: Internship and Volunteer Opportunities
- d. Knights Landing Winter Recruitment
- e. BIG General Meeting + Newsletter Signup
- f. Opportunities for Student Entrepreneurs

## 2. Professional Development

- a. **Engineering and Energy Internship and Career Fair (ONLINE)**

## 3. Job Opportunities

- a. Undergrad On-Campus Internship Opportunity
- b. Yolo-Solano Air Quality Management Dist - Internship Opportunity (for students!) and Job Openings (for alumni!)
- c. Genentech Internship Info Session
- d. Handshake Opportunities

## 4. Scholarships

- a. Simpson Strong-Tie Student Scholarship Now Open

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# Get Involved on Campus

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## Ecogeomorphology San Juan River - spring 2022 course announcement

### Ecogeomorphology of the San Juan River Spring Quarter, 2022

*Professor Nicholas Pinter (Earth and Planetary Sciences) and  
Lecturer Sarah Yarnell (Center for Watershed Sciences)*

Organizational Meeting 1/27 at 5pm (see p. 2)



The Department of Earth & Planetary Sciences and the Center for Watershed Sciences, are offering a unique Spring quarter course in **Applied Watershed Science**. Part of the "Ecogeo" series taught in previous years through the Geology department (see <http://watershed.ucdavis.edu/education/classes/ecogeomorphology>), this course is a multidisciplinary study of the ecology, geomorphology and management of rivers in the western US. Open to **senior undergraduate students and first-year graduate students**, the course brings together students from a range of backgrounds in biological, ecological, and physical sciences, and engineering to address conservation and management issues in selected watersheds.

The course provides classroom/laboratory training and discussions during the spring quarter and weekend fieldtrips to various river locations near Davis. The course will culminate with an eight-day camping and rafting trip along the San Juan River in Utah the week after graduation, during which students will collect and analyze field data. Following the trip, students will produce written reports using the field data that address management issues within the watershed, such as: what are the impacts of flow regimes on aquatic and riparian biota, and what long-term monitoring data are needed to address on-going conservation strategies in the face of climate change?

For more information on this course please see the attached flyer.

## ChemE Car Info Session

There is an information session for ChemE Car on Thursday, January 13th from 7-8 P.M. via Zoom hosted by AIChE at UCD. This is open to all majors. If you are considering joining the ChemE car team, I highly encourage you to attend this as it will go in-depth about the class starting on January 19th and how to join.

Come hear Dr. Toney speak on processes done in the past to run the car, and from Dr. Kuhl and Daniela Ivey on ChemE Car logistics.

Please RSVP below.

RSVP: <https://tinyurl.com/ChemECar2>

Zoom: <https://ucdavis.zoom.us/j/4157321821>

## Join CALPIRG: Internship and Volunteer Opportunities

### APPLY

**Now: Remote and In-Person Internships Available. Help fight plastic pollution and make a difference this Winter!**



Sign up to find out more about CALPIRG Students' remote internships and volunteer opportunities.

### [CALPIRG](#)

[Students](#) is a student organization here that works to protect the environment, make college affordable, and promote civic engagement. This past year we brought 200 students pollution! If we do not stop our addiction to single use plastic, there could be more plastic in the ocean than fish by 2050. So we are calling on our Assemblymember to support a bill to reduce plastic pollution by 75% in California. As a volunteer or intern, you can build the support it will take to convince her to support the bill.

They have volunteer and internship opportunities doing outreach, organizing events, and spreading the word through various media networks.

[Learn](#)

[skills, build your resume, and work with issues that matter.](#)  
[Apply today.](#)

## Knights Landing Winter Recruitment



**KNIGHTS LANDING ONE HEALTH CENTER**  
*Winter Recruitment*

Interested in gaining clinical experience, working with health professionals, and helping the medically underserved in Knights Landing with a Student-Run Clinic? *Apply today!*

Info sessions: *Thurs 1/6, @7:10pm on Zoom*  
*Zoom ID: 370 633 4539*  
*Wed 1/12 @7:10pm Wellman 2*  
*Tues 1/18 @7:10pm Wellman 26*

**Deadline: Jan. 21, 2022**

**@ 11:59pm**  
**Application:**



<https://tinyurl.com/KLOHC2022>  
**Questions?** Email us!  
[klclinic.ucdsom@gmail.com](mailto:klclinic.ucdsom@gmail.com)

 @knightslandingclinic  
 Knights Landing One Health Center: Medical Clinic

Spanish Interpreters Encouraged to Apply!

## BIG General Meeting + Newsletter Signup

The **BioInnovation Group** is hosting a General Meeting on Wednesday, Jan. 12th at 6 pm on [Zoom](#). Join us from home to hear about our plans and events coming this quarter, as well as learn how you can get involved. You can join our zoom session using the following information:

**Meeting ID** 963 4402 6011

**Passcode** bigucd



## Opportunities for Student Entrepreneurs

### **Maker Series | HTML Workshop**

**01.12.22 | 1:10 p.m.**

[Zoom in >](#)

Create a webpage from scratch with Hypertext Markup Language (HTML), the technology underlying all websites, in this interactive webinar. Please install [Atom](#) or another code editor prior to the workshop.

### **Your Business Model**

**01.13.22 | 6 p.m. | Zoom**

[Details and RSVP >](#)

Learn how to create a viable business model that articulates how your venture brings together available technology, market and business opportunities—and how it will make money.

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## **Professional Development**

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### **Engineering and Energy Internship and Career Fair (ONLINE)**

**Tuesday, January 25, 2022, 10 a.m. – 4 p.m.**

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

[RSVP](#)

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## **Job Opportunities**

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Undergrad On-Campus Internship Opportunity



DESIGN AND  
CONSTRUCTION  
MANAGEMENT

**BE A PART OF  
RENOVATING THE  
UCD CAMPUS**

Civil Engineering and  
Architecture Internship



**DEADLINE TO APPLY  
JANUARY 20!**  
**HANDSHAKE: 5435378**

Provide assistance to Construction Administrators on major capital improvement projects at UC Davis as a PlanGrid Admin, it only takes a resume to apply

Reach out to [lizmccler@ucdavis.edu](mailto:lizmccler@ucdavis.edu) for questions

## 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.

For more information on applying to the internship please review the attached pdf!

Please see the job descriptions and application info for the Air Quality Specialist and Air Quality Engineer positions on their website here:

<https://www.ysaqmd.org/about-the-district/employment-salaries/>.

## Genentech Internship Info Session

For more than 40 years, Genentech has been at the forefront of the biotechnology industry, using innovative science to develop breakthrough medicines that improve the lives of people with serious or life-threatening diseases.

Come hear from the Vacaville hiring team on Genentech Internships! Learn from Genentech scientists and engineers about how the work done in Manufacturing Sciences and Technology fits into the production of innovative medicine and therapies. The team will be sharing information on current internship openings at Genentech in Vacaville and how to apply. Please see the attached flyer for more information

Please RSVP by January 21, 2022.

## Handshake Opportunities

[#5517596](#) **Summer Undergraduate Research in Geosciences and Engineering Program** - Stanford University, Department of Earth System Science

[#5791676](#) Tunnel engineering intern - 2022 - Mott MacDonald

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## Scholarships

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### 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.

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**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.