

# Civil and Environmental Engineering Announcements

Week 2 -- April 7, 2022

Happy Week 2!

---

## **1. Get Involved on Campus**

- a. Upcoming Curriculum Changes Meeting
- b. Deadline Extended - Engineering Ambassador Applications Due April 18
- c. Career Champion Workshop for Student Leaders
- d. Characteristics of Successful Tech Hubs and Start-ups: Lessons from the Origin and Growth of Silicon Valley, April 12 2022

## **2. Career / Internship**

- a. Fulbright U.S. Student Program
- b. The ICC is Hiring Peer Advisors!
- c. Undergrad Summer Job Opportunity - COSMOS
- d. R&F Engineering Posting Flyer

## **3. Scholarships**

- a. College Corps Kick-Off Event: Today! (April 7) - Earn \$10K for College!
- b. SCHOLARSHIP AVAILABLE-2022 MICHAEL CONDON CIVIL ENGINEERING SCHOLARSHIP
- c. Society of Women Engineers 2022 Scholarship Opportunity

---

# Get Involved on Campus

---

## Upcoming Curriculum Changes Meeting

Professor Bronner will host two Q&A sessions during week 3 for those who have questions. The meetings will be held on Zoom.

**Monday April 11, 1-2 pm**, Zoom Link:

<https://ucdavis.zoom.us/j/94781174399?pwd=MllwZWVtUx4Z0Q1N2tSMSs4bHgvZz09>

**Wednesday April 13, 5-6 pm**, Zoom Link:

<https://ucdavis.zoom.us/j/94881287264?pwd=aGxMejZhRDZJNjN0c003bHFOZFh0dz09>

## Deadline Extended - Engineering Ambassador Applications Due April 18

The Engineering Ambassadors represent the College of Engineering while developing leadership skills and furthering their personal and professional growth. EAs promote the goals of the college and are involved with activities related to recruiting, retention, outreach and student success.

[Apply Now](#)

Applications are due by Monday, April 18 at 12 p.m. PT. (Deadline extended!)

For questions, please contact [Molly Bechtel](#).

# BECOME AN ENGINEERING AMBASSADOR

Engineering Ambassadors represent the college while developing leadership skills and furthering their personal and professional growth by:

- Performing tours of the college's labs and spaces
- Representing the college at outreach and recruitment events
- Participating in student panels and industry/alumni functions



Learn more and apply at:  
<http://bit.ly/engineering-ambassadors>  
Applications due April 18



## Career Champion Workshop for Student Leaders

### Attention Student Leaders!

You are invited to participate in the ICC's Career Champions program

### What is Career Champions?

Hosted by the Internship and Career Center, the Career Champions program is a train-the-trainer model to put tools and resources in the hands of student leaders best positioned to influence the career development of their peers.

How can you get involved?

Attend our upcoming virtual TRAINING WORKSHOP:

**Friday, April 22, 10:00-11:30am, on Zoom - [REGISTER ON HANDSHAKE](#)** (limited to 40 participants)

Intended audience: Any UC Davis undergraduate or graduate student who serves in a leadership capacity for their peers and who is interested in supporting their fellow students' career development. This includes, but is not limited to, club officers, ASUCD elected or appointed positions, peer advisors, college ambassadors, tutors, residence hall staff, orientation leaders, and more.

What if you want to learn even more about career planning?

Check out the Career Champions self-paced online modules: <https://canvas.ucdavis.edu/courses/580359/assignments/syllabus>. These flexible Canvas modules provide resources, best practices, and up-to-date information for anyone looking to support career and post-graduation success for UC Davis students.

For questions or more information, visit <https://icc.ucdavis.edu/careerchampions>.

## Characteristics of Successful Tech Hubs and Start-ups: Lessons from the Origin and Growth of Silicon Valley, April 12 2022

Characteristics of Successful Tech Hubs and Start-ups: Lessons from the Origin and Growth of Silicon Valley

Date: Tuesday, April 12, 2022

Time: 12 p.m.

Location: Student Community Center Multi-Purpose Room

Featuring a lecture from

Paul Wesling, Hewlett-Packard (retired)

IEEE Distinguished Lecturer and Life Fellow

With welcome and introduction by

Chancellor Gary May

Silicon Valley is commonly acknowledged as the tech capital of the world. How did Silicon Valley come into being, and what can we learn? This talk will give an exciting and colorful history of development and innovation that began in Palo Alto in 1909. You'll meet some of the colorful characters – Cyril Elwell, Lee De Forest, Bill Eitel, Charles Litton, Fred Terman, David Packard, Bill Hewlett, Bill Shockley and others – who came to define our worldwide electronics industries through their inventions and process development. You'll understand some of the novel management approaches that have become the hallmarks of its tech startups. Many of these attributes can be found in other technology hubs; however, the SF Bay Area has five

generations of experience, as well as a "critical mass" of talent, making it difficult for others to catch up. In this talk, the key attributes will be illustrated and analyzed, for consideration by other tech hubs, and for entrepreneurs interested in creating their own start-ups or understanding them.

Pizza and drinks will be served prior to the talk at 11:45 a.m.

Learn more and register to attend at <https://ucdavis-ieee-apr12.eventbrite.com>

---

## Career/ Internship

---

### Fulbright U.S. Student Program

Applications are now available for the [Fulbright U.S. Student Program](#) which funds one academic year of independent research, graduate degrees, or service as English Teaching Assistants (ETA's) in over 140 countries worldwide. This application is for participation in the 2023-24 academic year and can be accessed [here](#). Applicants must be U.S. citizens who are graduating seniors or recent alumni and have not earned a Ph.D. at the time of application.

They will be hosting a **Fulbright Friday** webinar series from April 8<sup>th</sup> – June 3<sup>rd</sup> where they will cover many program and application elements (see the attachment for further details). Recordings will be sent to the RSVP list.

### The ICC is Hiring Peer Advisors!

Application Deadline: April 26, 2021

The Internship and Career Center (ICC) is hiring Engineering and Physical Sciences' (EPS) Peer Advisors for the 2022-2023 academic year!

The EPS Peer Advisors provide general advising to students seeking internships and careers, and support the EPS team, under the direction of professional EPS staff. The EPS program area includes all majors in College of Engineering, Computer Science, Chemistry, Geology, Mathematics, Physics, and Statistics.

[Apply on Handshake](#)

## Undergrad Summer Job Opportunity - COSMOS

COSMOS is a STEM summer camp where we host about 250 high school students for four weeks during the summer while they take classes with our faculty. I'm reaching out to our fantastic UCD STEM departments since I'm looking to hire around 35 undergraduates for this year's program.

There are a variety of jobs that I'm looking to fill: Teaching Interns, Resident Advisors, and Senior Resident Advisors. Below is a basic description of each, along with the Handshake job information.

TI: Undergraduate student that works in the classroom with one of our [clusters](#), helping to teach the cluster materials and overseeing student safety.

RA: Undergraduate student who oversees the safety of one group of students, and leads recreational activities during the evenings and weekends.

SRA: Undergraduate that helps with all tasks regarding student safety and activities; they lead the RA teams.

Students can apply for all of these jobs on Handshake:

Employer: UC Davis COSMOS

Job #5996076

## R&F Engineering Posting Flyer

Roseville, R&F Engineering Inc. is looking to hire for both a new graduate (either B.S. or M.S. students) and a summer internship position.

# R&F ENGINEERING IS HIRING!

## WHO WE ARE:

- ◆ Small civil engineering consulting firm
- ◆ Roseville, CA
- ◆ Water resources and flood control projects
- ◆ Strong emphasis on client satisfaction
- ◆ WFH flexibility

## WHAT WE DO:

- ◆ Hydrology/Hydraulics Studies
- ◆ Floodplain Mapping
- ◆ Levee Certifications
- ◆ Regional Flood Management Planning
- ◆ Flood Risk Reduction Feasibility Studies
- ◆ Planning and Design of Multi-Benefit Flood Risk Reduction Projects
- ◆ Flood Damage/Life Loss Analyses
- ◆ Federal, State, and Local Permitting Support
- ◆ Engineering Support for EIR/EIS
- ◆ Support with USACE, FEMA & DWR Regulatory Processes
- ◆ GIS/CAD Support
- ◆ Program/Project Management
- ◆ Interior Drainage & Stormwater Analyses
- ◆ On-Call Staff Augmentation Support
- ◆ Grant Application and Management Support

## OPEN POSITIONS:

### ENGINEER I (GRADUATING IN 2022)

- ◆ Bachelor's degree, civil or environmental engineering preferred
- ◆ 0-3 years of relevant experience
- ◆ EIT preferred
- ◆ Proficient in MS Excel, Word, standard office software
- ◆ Experience and/or interest in GIS, CAD, HEC-RAS
- ◆ Geographically based in Northern California or willingness to relocate
- ◆ Benefits: Paid time off, paid holidays, 401k plan with company contribution, medical/dental/vision coverage, group disability insurance plan, WFH flexibility, professional development assistance

### SUMMER INTERN (GRADUATING IN 2023)

- ◆ In progress towards earning a Bachelor's degree, civil or environmental engineering preferred
- ◆ Proficient in MS Excel, Word, standard office software
- ◆ Experience and/or interest in GIS, CAD, HEC-RAS
- ◆ Geographically based in Northern California or willingness to relocate

**TO APPLY, EMAIL YOUR RESUME TO [MROSSITER@RFENGINEERINGINC.COM](mailto:MROSSITER@RFENGINEERINGINC.COM)**

**FOR MORE INFORMATION ABOUT THE COMPANY:**

**916.416.6599    <https://www.linkedin.com/company/r-f-engineering-inc/>**



*R&F Engineering, Inc. was founded in 2022 by Mike Rossiter, PE, and Chris Fritz, PE, to provide civil engineering services focused on water resources and flood control projects. Mr. Rossiter and Mr. Fritz have a combined 35 years of professional experience and have managed a variety of water resources and flood risk reduction projects throughout their careers for public agencies including counties, cities, reclamation districts, and flood control agencies. R&F is a small firm in Roseville, CA that places a strong emphasis on client satisfaction and personal service.*

---

# Scholarships

---

## College Corps Kick-Off Event: Today! (April 7) - Earn \$10K for College!

Sacramento Valley College Corps Kick Off Event  
Thursday, April 7<sup>th</sup> from 5-7 PM  
UC Davis Conference Center  
Register in Handshake - [HERE](#)

We need YOU for service in  
Education, Food Insecurity/Basic Needs, Climate Action

Earn \$10,000!

Interested in meaningful service in California's most pressing areas? Want to help people while learning and earning \$10K for college? Hear about service and how you can make an impact in education, food security/basic needs, and climate action while getting paid through special industry keynote speakers. Come, listen, and get INSPIRED!

This kick-off event will also allow you to meet and interact with some of the host sites and find out about specific positions and opportunities.

Led by [California Volunteers](#) and the California Office of the Governor, the Sacramento Valley College Corps (SVCC) program has the following goals:

- To engage college students in meaningful service to create a generation of civic-minded leaders with the ability to bridge community divides and address social problems
- To support the work of community-based organizations in key local priorities, with SVCC focusing on societal challenges in K-12 education that close the education gap caused by the COVID-19 pandemic, food insecurity/basic needs, and climate action.
- To promote academic success and economic well-being with students from diverse backgrounds, and help low-income students graduate college on time and with less debt
- Connect students to community partners via direct service; and help build more equitable communities across California

Refreshments will be served.



Questions? Read more on the [SVCC site](#) or contact Lynn Fowler, Interim Director, Sacramento Valley College Corps at [lmfowler@ucdavis.edu](mailto:lmfowler@ucdavis.edu) or [svcc@ucdavis.edu](mailto:svcc@ucdavis.edu)

## SCHOLARSHIP AVAILABLE-2022 MICHAEL CONDON CIVIL ENGINEERING SCHOLARSHIP

The DFI Educational Trust, the charitable arm of the Deep Foundations Institute (DFI), is pleased to request applications for the 2022 Michael Condon Civil Engineering Scholarship.

Eligibility is limited to students attending the following institutions only: California Polytechnic State University- San Luis Obispo; California Polytechnic State University-Pomona; San Diego State University; Santa Clara University; University of California-Davis; Oregon State University; Washington State University; Montana Tech; University of Colorado-Boulder; Virginia Polytechnic Institute and State University (Virginia Tech).

Applicants must be full-time students pursuing a graduate or undergraduate degree in civil engineering; have a minimum GPA of 3.0; demonstrate an interest in the deep foundations industry; and demonstrate financial need. Three scholarship awards of \$5,000 each are available. Awards can be used for tuition, fees, books and/or educational living expenses.

Application period is open now. The deadline for submission is May 16, 2022.

For requirements, application instructions, and to apply online, go to: [Michael Condon Scholarship](#)

For more information on the DFI Educational Trust, visit: <https://www.trust.dfi.org/>

## Society of Women Engineers 2022 Scholarship Opportunity

\$500-\$1,000 Scholarships Available

Applications due on Friday, April 15, 2022

Females enrolled in an undergraduate engineering or computer science program are eligible to receive a scholarship ranging from \$500-\$1,000 if they attend one of the following academic institutions:

- UC Davis
- CSU Sacramento
- University of the Pacific

Or transferring in from:

- American River College
- Sacramento City College
- Cosumnes River College
- Folsom Lake College

- Sierra College

If you have any questions, please contact Scholarship Chair Lan Nguyen ([swesvsscholarshipselection@gmail.com](mailto:swesvsscholarshipselection@gmail.com)).

[Apply Here](#)