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To: [coe-cee-ug-students Sympa List](#)
Subject: Civil Engineering Undergraduate Announcements - September 18, 2020
Date: Friday, September 18, 2020 4:24:55 PM
Attachments: [2021 Tim Fleming Application.pdf](#)
[2021 Tim Fleming Scholarship Flyer.pdf](#)
[Fall Showcase Flyer.JPG](#)
[Fall Showcase Ticket Flyer.PNG](#)
[Scholarship Flyer.pdf](#)
[Scholarship Application.pdf](#)
[Scholarship Checklist.pdf](#)

Civil Engineering Undergraduate Announcements – September 18, 2020

1. [Scholarships](#)
 - a. [Tim Fleming Memorial Scholarship](#)
 - b. [Barry M. Goldwater Scholarship](#)
 - c. [2021-2022 ACEC Academic Scholarship](#)
2. [Jobs/Career Fair](#)
 - a. [ASCE/XE 6th Annual Civil Engineering \(Virtual\) Career Fair](#)
 - b. [Draftsperson for Nevada City Engineering](#)
3. [Information for Homeless & Housing Insecure Students](#)
4. [Female Engineering Student Mentors](#)
5. [Professional Sorority & Fraternity Council: Fall Showcase](#)

Scholarships

2021 Tim Fleming Memorial Scholarship

The application for the 2021 Tim Fleming Memorial Scholarship, 10th year of this scholarship, have opened! The amount of the scholarship has been increased this year to \$5000. Tim was an outstanding engineer and volunteer who unexpectedly passed away at the young age of 51. To pay tribute to his legacy as a leader in the engineering community, this scholarship was established in his name. The scholarship is administered by the California Transportation Foundation (CTF). Please see the attached flyer and application to learn more.

Barry M. Goldwater Scholarship

[Barry M. Goldwater Scholarship](#) – the nation's most prestigious STEM research award for undergraduates. The Goldwater Scholarship will fund 450-500 awards of up to \$7,500 per year for second and third year undergraduates with demonstrated interest in and potential for research careers in mathematics, the natural sciences or engineering. Applicants need to be U.S. citizens or permanent residents, and should have a cumulative GPA of 3.8 or greater to be competitive. Candidates will complete an online application along with a 3 page research essay, and will need three letters of recommendation.

UC Davis is allowed to nominate 5 students – 1 allocation is specifically for a transfer student – for this prestigious award and our deadline to receive completed applications is **January 5, 2021**.

- o Beginning the application [here](#).
- o Refer potential candidates to schedule advising with me. Candidates can email me at scpalmer@ucdavis.edu to schedule in-person or skype advising.
- o Attend an upcoming webinar on October 13th at 12:00pm PST to learn more about the program and application process. Interested students can [RSVP here](#).

2021-2022 ACEC Academic Scholarship

The American Council of Engineering Companies of California (ACEC California) will be awarding several scholarships totaling up to \$50,000 for the 2021-2022 academic year. Attached you will find materials to make this scholarship program available to your students, but these materials can also be found on our [website](#). **The deadline to submit a scholarship application is January 13, 2021.**

Our scholarship program not only recognizes hard working and dedicated students but serves as a valuable way for our members to identify the best and the brightest students about to enter California's increasingly competitive job market. ACEC California is a nonprofit association of private consulting engineering and land surveying firms. As a statewide organization, we are dedicated to enhancing the consulting engineering and land surveying professions. Should you have any questions about ACEC California or our scholarship program, please do not hesitate to contact us at (916) 441-7991.

Jobs/Career Fair

ASCE/XE 6th Annual Civil Engineering (Virtual) Career Fair

Even though we are in the middle of a pandemic, the grind never stops. ASCE is hosting their 6th Annual Civil Engineering (Virtual) Career Fair in collaboration with Chi Epsilon. The career fair will take place on Thursday-Friday, October 22nd-23rd from 9:00 AM to 2:00 PM via Zoom. There, you will be able to have one-one-on time with any company/companies of your choosing. Get the inside scoop on company culture or present your elevator pitch and snag internships with companies such as Langan, Kimley Horn, and Truebeck.

We are launching a [priority interest form](#) to gauge student interest. The to sign up on the interest form will receive early access to company reservation forms to select their preferred time slot. Don't worry if you aren't able to get your preferred slot. We have set up a waitlist system ensuring that once a company is free, you will have the opportunity to talk to them. More details regarding the structure of the event will be coming soon! We would love for you to participate and experience our virtual career fair so make sure you sign up ASAP!

Draftsperson for Nevada City Engineering

Nevada City Engineering specializes in land use planning and engineering. We are currently looking for a draftsperson with knowledge of AutoCAD or GIS and planning. Duties will include drafting

surveying maps such as records of surveys, parcel maps, and planning maps for developers. Optimally, we would like to have someone who can work 20-40 hours per week. Please see details below.

Company: Nevada City Engineering
<https://nevadacityengineering.com/>

Location: Nevada City, CA (1.5 hours north of Davis)

Company Services: land use planning, land surveyor services, civil engineering services, project coordinator services

Job Title: Draftsperson

Requirements:

- Knowledge of AutoCAD, GIS or similar drafting program
- Knowledge of land use planning (zoning ordinances, master plans, planning and environmental studies)
- Senior or graduate with drafting experience
- Able to work 20-40 hours per week

Duties:

- Drafting of the following types of maps using AutoCAD:
 - Boundary surveys (records of survey, parcel maps, etc.)
 - Land divisions
 - Lot line adjustments
 - Lot mergers
 - Easements
 - Topographic surveys

Application: Please email a resume and/or questions to Cheyenne@nevadacityengineering.com (530-265-6911)

Compensation: Based on education, knowledge, skills, and experience

Information for Homeless & Housing Insecure Students

Two new programs for homeless and housing insecure students have launched. Along with existing housing assistance grants and hotel vouchers, we now offer subsidies for low-income residents at the Green in West Village and a College Focused Rapid Rehousing Program (CFRR) for homeless students. All of these programs can be accessed by the student via email, phone or submitting a [Basic Needs Assessment form](#) on our [website](#). A little about each program:

- College Focused Rapid Rehousing is a program to help reduce college student homelessness by identifying housing, assisting with housing costs and providing intensive, traditional and college focused, case management to homeless students. This will be a pilot year for the program, which has the capacity to help between 5 and 25 students.
- Housing Subsidy at the Green, students apply to the program that will provide housing at a

reduced rate for the entirety of the student's residency at the Green in West Village. To qualify students must be enrolled in 6 or more units and have demonstrated need.

We also have several [other resources](#) that may be helpful:

- WiFi hotspots
- Free bedding and towels
- Pantry network
- CalFresh application support
- Toiletries
- Emergency Swipe Program and grocery gift cards

If you or anyone you know needs support or is in a position where they could help us understand more about the support this community needs, please do not hesitate to contact our homeless liaison, Howard Channel, hchannel@ucdavis.edu.

Female Engineering Student Mentors

This Fall, the Society of Women Engineers at UC Davis is hosting a 10 week long mentorship program to support underrepresented students who are interested in applying to engineering majors. The program is open to high school seniors who identify as female, gender nonconforming, non-binary, or gender expansive individuals. Part of our program is small group mentorship sessions with current engineering students. We have received an overwhelming number of sign-ups, and we will have to cap the number of students we can accept unless we get more student mentors. The time commitment is 5 hours spread across 10 weeks. Please contact swe.ucd@gmail.com if you are interested!

Professional Sorority & Fraternity Council: Fall Showcase

[Professional Sorority and Fraternity Council at UC Davis](#) is having their fall showcase with all the professional Greek chapters on campus so that people can have an opportunity to meet the chapters and figure out if they're interested in finding their Greek family! There are chapters that range from business to pre-health/pre-med to community service to engineering to honor society and even agriculture! Not only do these professional chapters provide professional development and growth, but they also provide an ample amount of community service and philanthropy events. The bonus part is you get to expand on your network with some great friends with the same focus and interests! The dates are 9/16 and 9/26 at 7-8 pm and 10/3 at 8-9 pm and held all on ZOOM. RSVP on [Aggie Life](#)! Follow us on Instagram too- [@psfcdavis](#).