Civil Undergrad Announcements – Mar. 12th, 2019

1. ABT 212 – Path to Zero Net Energy

Space Still Available for Spring 2019: ABT 212 - Path to Zero Net Energy

Interested in energy efficiency, climate change, and getting your hands dirty with real projects?

Enroll in Path to Zero Net Energy (4 units): A Hands-On Approach

Project-based, client-focused course that addresses energy efficiency, energy generation, and climate neutrality as well as the associated technical, economic, social and political challenges of developing zero net energy communities.

Days: Tuesday/Thursday
Time: 2:10 - 4:00pm
Location: Social Sciences and Humanities, room 90

Projects this year will likely include:
- Solar Thermal Design with Ruhstaller Brewery
- Photovoltaic Feasibility with the McLaughlin Reserve
- Zero Net Energy Innovation Hub Design with the Energy Conservation Office
- Energy Efficient Lighting Redesign with UCD Fleet Services
- ...With more to be announced!

Learn about previous years' projects here. Find out more about course requirements here.

Use CRN 60538 to register. Open to graduates and upper division undergraduates of all disciplines. Lower division undergraduates may enroll with consent of instructor.

Please contact Lisa Slaughter (lmslaughter@ucdavis.edu) with questions.

2. HackDavis 2020 Recruitment

Apply to become a part of the HackDavis 2020 Team! Applications are open now at hackdavis.io and are due on April 8th at 11:59pm.

HackDavis is a 24-hour long coding event that helps address some of the most pressing issues related to the Environment, Health, and Education.

We're looking for students passionate about innovation, social good, or hackathons in general to help build HackDavis 2020. If you're interested, come to our info session on Tuesday, March 12th from 7-8PM @ Wellman 26. We'll be talking about our different positions, team experiences and what it means to be a part of the HackDavis team. ALL MAJORS ARE WELCOME!

Feel free to contact us at team@hackdavis.io if you have any questions.

More about HackDavis:
Facebook
Instagram
Twitter
Medium

3. WRRC Last STEM Cafe

The Women's Resources and Research Center's STEM Cafe last day is this Wednesday!

STEM Cafe is a study and work friendly environment with STEM academic support available for math, science, or coding.

NEW: On certain dates, we also will be providing a designated decompression space that will allow folks in STEM to relax with peaceful background noise, weighted blankets, color books, and puzzles.
(The dates with asterisks on the flyer below signal the STEM Cafes with decompression spaces.)

All are welcomed!

(Refer to link below for details on which courses are available for academic support.)
https://tinyurl.com/Support-Hours-STEM-Cafe

Let's study together!

*snacks and testing materials will be provided.

Check out our event on Facebook:
https://www.facebook.com/events/140992823472258/

4. Next Step Ministries Construction Internships

Positions available:
4 openings for Construction Project Manager (Job Description attached)

Who would make a good fit for this position:

- upper level students and recent graduates
- strong, experienced leaders
- individuals with hands-on tool and building experience
- individuals who are excited to lead in a Christian ministry setting
- humble, hardworking, and flexible teammates
- individuals looking to gain experience in budgeting, estimating and scheduling
- individuals who want to be out on worksites daily

Internship Details for Summer 2019:
Salary: $2,000 (lodging and meals included)
Full Time Position: May 17th - August 6th, 2019
Locations: See attached flyer. Next Step serves in 14 communities across the country and internationally

How to apply:
Use this link to apply now!

Looking for more information?
Construction Internship Video
5. Summer Research Fellowship for Undergrads in Transportation

The National Center for Sustainable Transportation, led by ITS-Davis, is offering a limited number of summer research fellowships for undergraduates at UC Davis. The fellowship will support students for an eight-week period over the summer to participate in ongoing research projects with faculty and graduate students.

Please see the attached flyer for more information. Applications are due by 5pm on Friday, May 3rd.

6. Resilient and Sustainable Building (RSB) Research Opportunity

The Resilient and Sustainable Building (RSB) is a collaborative NSF-funded research project at Virginia Tech to develop a comprehensive framework for the early design of mid-rise office building. The main goal of this project is to optimize office buildings performance in terms of economic constraints and environmental impacts.

This summer, RSB is offering four paid undergraduate research positions to help with two ongoing thrusts of the project: structural analysis under natural hazards and environmental life cycle assessment. The anticipated duration of REU is 8-weeks and the interested applicants should be US citizen or permanent resident and enrolled in a US undergraduate program related to civil engineering, construction or architecture for Fall 2019.

Details: https://stostruct.com/2019/02/19/reu-opportunity-at-vt/

7. East Bay Municipal Utility District (EBMUD) Part-Time Aide

East Bay Municipal Utility District (EBMUD) invites candidates who have the appropriate qualifications to apply for this intern position (part-time - 19 hours per week, when school is in session OR temporary full time - 40 hours per week for up to 6 months on school breaks) in the Water Resource Projects Section of the Water & Natural Resources Department. See attached pdf for more details.

JOB REQUIREMENTS
1. Junior or Senior Engineering student currently enrolled at an accredited college or university with interest in civil and/or environmental engineering
2. Valid California driver's license and satisfactory driving record
3. US citizen or have proof of the legal right to remain and work in the United States

HIRING PROCESS
Visit www.ebmud.com/jobs to submit your EBMUD application online by 4:30 pm on Friday, March 22, 2019. Only application materials submitted online during the filing period will be accepted. Application materials faxed, mailed or delivered to EBMUD will not be accepted. It is your responsibility to clearly specify your experience. Applicants presenting the best combination of job-related qualifications will be reviewed for further consideration.

8. Woodland High School Part-Time Tutoring Positions

The Woodland High School Community Service Learning Center is recruiting recent and soon-to-be graduates to work with high school students from diverse educational and cultural backgrounds. Positions are available for all core subjects. Internship and volunteer opportunities are immediately available. Paid positions are available for tutors who are:

☐ Mature professionals
☐ Reliable
☐ Responsible
☐ Adaptable to a fast-paced environment
☐ Able to multitask
☐ Team players
☐ Open to learning experiences and feedback
☐ Hard-working
☐ Dedicated

Please submit your resume to:
New jobs, internships, and career-related events from the UC Davis Internship and Career Center (ICC)

Upcoming Workshops
Winter Core Workshop and Events: [https://icc.ucdavis.edu/services/calendar](https://icc.ucdavis.edu/services/calendar)

**Resume Basics**
Learn the essentials of how to write a resume that gets you noticed.
**Thurs. 3/14**  12:10 pm - 1:00 pm  (114 South Hall)

**Cover Letters and Professional Correspondence**
Instruction will center on how to write a cover letter to get you noticed. Thank-you letters, follow-up email and introductory professional writing will also be covered.
**Wed. 3/13**  2:10 pm - 3:00 pm  (114 South Hall)

**Find a Job or Internship**
This workshop will review how to use Aggie Job Link and other resources to find a career position, internship, work study position, or student employment. Internship & Career Center resources will be discussed and we will review tips for applying.
**Tues. 3/12**  12:10 pm - 1:00 pm  (114 South Hall)

**Interview Basics**
Learn about different types of interviews and strategies to respond to questions and best demonstrate your knowledge and qualifications for the position you want.
**Mon. 3/11**  12:10 pm - 1:00 pm  (114 South Hall)  
**Fri. 3/15**  2:10 pm - 3:00 pm  (114 South Hall)

If you are working on updating your resume, cover letter, references, and other related topics, download the [Career Resource Manual](https://icc.ucdavis.edu/services/crm) (includes samples of resume, cover letter, interviewing, job search strategies and more) to guide you on writing/updating your materials: [https://icc.ucdavis.edu/services/crm](https://icc.ucdavis.edu/services/crm) and ICC website [https://icc.ucdavis.edu/materials](https://icc.ucdavis.edu/materials)
Upcoming Information Sessions

**Solarlytics, Inc Employer Information Session**

Monday, March 11, 2019 **TONIGHT**
6:30-8:00 PM 114 South Hall

Solarlytics, Inc. is a renewable energy IoT stealth-mode startup based in Livermore, CA. We are producing a brand new technology that is game-changing for the industry. We’re looking to grow our team! Come to our information session to learn more about our company, open positions, expectations and how to successfully interview with us.

Undergraduates in Electrical Engineering and Computer Science, and Master’s students in Electrical Engineering are encouraged to attend this information session. You are encouraged to bring your resume. Refreshments will be served.

This position will require you to be onsite in Livermore, CA. Check out Aggie Job Link postings 846623 (Junior Hardware Design Engineer) and 846751 (Junior Software Design Engineer).

**Dell Employer Information Session**

Tuesday, March 12, 2019 **TOMORROW**
12:00-2:00 PM 323 South Hall

Come learn about Dell and the amazing internship and full-time opportunities available for the upcoming year! All majors are welcome at this session.

Some positions are geared more towards CS, Mechanical, and Electrical Engineering students. There are also other non-engineering positions which welcome candidates from all major backgrounds.

Food will be served.
ALL MAJORS WELCOME!

CENTRAL VALLEY CAREER TREK

DATE: Monday, March 25th
TIME: 6am-10pm (approximately)

Explore job and career opportunities in the Central Valley at this all-expense-paid Trek! Tour Nichols Farms to learn about high-tech Ag and business opportunities. Network with employers in the Central Valley from healthcare to business at lunch. Conclude your afternoon with a tour of Olam and meet with high-level professionals in this international company!

Apply on Aggie Job Link (AJL, #848141) Applications due March 15th at 11:59pm Questions? Contact Leslie Peck, lpeck@ucdavis.edu

Olam
Nichols Farms
## Academic and Professional Development Workshops for International Undergraduate Students

### Winter and Spring Quarters

<table>
<thead>
<tr>
<th>Workshop Title</th>
<th>Description</th>
<th>Date/Time</th>
<th>Location</th>
<th>Presented by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prepare for the Winter Career Fair</td>
<td>Learn about the career fair process, interviewing tips, and networking opportunities.</td>
<td>Friday, February 22, 1:00 PM - 3:00 PM</td>
<td>International Center 310</td>
<td>Internship and Career Center and SES</td>
</tr>
<tr>
<td>Preparing for Graduate School</td>
<td>Understand the graduate school application process, including timelines and requirements.</td>
<td>Friday, March 8, 12:00 PM - 1:00 PM</td>
<td>International Center 310</td>
<td>Internship and Career Center and SES</td>
</tr>
<tr>
<td>American Workplace</td>
<td>Explore the American workplace culture and expectations for international students.</td>
<td>Friday, April 12, 12:00 PM - 1:00 PM</td>
<td>International Center 310</td>
<td>Internship and Career Center and SES</td>
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<tr>
<td>How to Tell Your International Story</td>
<td>Create a compelling personal statement that showcases your unique experiences and skills.</td>
<td>Friday, May 10, 12:00 PM - 1:00 PM</td>
<td>International Center 310</td>
<td>Internship and Career Center and SES</td>
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Academic and Professional Development Workshops for International Undergraduate Students

What are your goals while at UC Davis, and after graduation? Whether it involves an internship, employment, or attending graduate school, join us in a series of workshops, specifically designed for international undergraduate students, where you will gain the foundations for academic and professional success.

WSP is hiring interns for summer 2019!

Check out the postings at the links below:

Mechanical Engineering Intern
Geotechnical Engineering Intern
Civil Engineering Intern

Visit http://www.disneyinterns.com/science and click on “Enter Job Title or Keywords” then do a keyword search for “engineering” to view internship postings. If you have any questions with accessing the site, please email WDW.EPCOT.Science.Internship@disney.com.
New student opportunities available on our **SMUD Student Jobs Website**

1. **Student Staff Assistant – Energy Trading and Contracts:** This position starts as soon as possible.
2. **Mechanical Engineering Intern:** This position starts in the summer of 2019.
3. **GIS Intern:** This position starts as soon as possible.

**The deadline to apply for positions above is Wednesday, March 13, 2019.** It is guaranteed that the online system will accept applications until 3 PM on Wednesday, March 13, 2019.

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**Data Science Summer Internship for juniors**

McKinsey’s Agriculture Analytics group, called ACRE, is interested in connecting with students interested in applying for a Data Science internship with the ACRE team **this Summer 2019**. Students who are graduating in 2020 would be eligible for this internship. [https://www.mckinsey.com/solutions/acre](https://www.mckinsey.com/solutions/acre)

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City of Sacramento is hiring an Electrical Engineering Student Trainee
Visit [https://www.governmentjobs.com/careers/saccity](https://www.governmentjobs.com/careers/saccity) and search "Student Trainee (Engineering)"

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