

From: [Civil Engineering Undergraduate Advising](#)
To: [cse-cse-ug-students@ucdavis.edu](#)
Subject: Civil Engineering Undergraduate Announcements – November 23, 2020
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Civil Engineering Undergraduate Announcements – November 23, 2020

Happy Week 8! And Happy Thanksgiving! I hope everyone has a safe and relaxing break.

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Transit Planning Event with WTS and ITE (TODAY)

WTS has a **transit planning workshop** with the *Institute of Transportation Engineers (ITE) UC Davis Student Chapter* coming up this **Monday, November 23, 7-8 pm** PST! They'll be hearing from Marcus Chan, a planning intern with Davis transit service Unitrans, as well as applying some of their new-found knowledge with the simple roadway planning tool [Streetmix](#)! The [Zoom link is here](#). Meeting ID: 912 3262 4554. Can't wait to see you all there!

Campus Resources

Tau Beta Pi Tutoring



Tau Beta Pi (the national engineering honors society) is still running in this virtual setting! They are having weekly tutoring sessions hosted by some of the top engineering students here at UC Davis. You are invited to attend these free drop-in tutoring sessions held weekly by our members. Tutoring sessions for Fall 2020 will **alternate between Tuesdays (5-7pm) and Wednesdays (5-7pm) each week skipping the Tuesday of Thanksgiving week (24th)**! See the schedule for clarification!

Tutors can primarily tutor in lower division engineering (**ENG 6, 17, 35, 45**), **PHY 9 series**, **CHE 2 series**, **CHE 8 and MAT 21 and 22 series**. If you need help in a course not listed above, please send an email to our Tutoring Chair, Christina Davis, at ucdtbp.tutoring@gmail.com including your name, course you are requesting, and specific topic in that course. Typically, they can successfully find tutors for upper division engineering courses, major specific courses, and GE courses that many engineers take, such as ENG 100, BIM 20, EEC100 or UWP 104T. Stop by for any engineering class and just ask if anyone is able to help!
<https://ucdavis.zoom.us/j/94161525842>

MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN
NOVEMBER 2020							DECEMBER 2020						
						1		1	2	3	4	5	6
		5-7						5-7					
2	3	4	5	6	7	8	7	8	9	10	11	12	13
	5-7												
9	10	11	12	13	14	15	14	15	16	17	18	19	20
		5-7											
16	17	18	19	20	21	22	21	22	23	24	25	26	27
23	24	25	26	27	28	29	28	29	30	31			
30													

Accessing Medical Care

Please see attachment for a new resource that helps students access medical care -- which includes some information around insurance navigation and confidentiality.

This has also been combined with the Each Aggie Matters flowchart around finding mental health support, and lives on the [HEP Resources Shared Drive](#).

Course Offerings

First Year Seminars

In support of continuing first-year frosh and transfers students, **First-Year Seminars (FYS)** will offer **approximately 100 courses** ranging from *First-Generation*, *Course-based Undergraduate Research Experiences*, *Global Learning*, to *Classic* themes. New seminars are being added daily!

First-Year Seminars provide **academic balance** by offering one- and two-unit, letter or pass/no pass graded classes that encourage full-time status, while exploring fascinating topics with peers and faculty in small interactive learning environments—limited to 19—that build **community**. First-Year Seminars help to provide students with the **momentum** to succeed academically and socially.

To view our current seminars, visit us at <https://fys.ucdavis.edu/schedule>.

FRS 003 – Scientific Journalism

Interested in writing about the COVID-19 pandemic? Want to get published in a scientific journal? Eager to learn more about how The Aggie Transcript and other journals operate?

The Aggie Transcript will be hosting a **first-year seminar** this winter quarter, taught by their faculty advisor, Dr. Sean Burgess, and members of our editorial board. This is a fantastic opportunity to learn more about science communication, writing, editing, design, and publishing.

Course Number: FRS 003 017

CRN: 25735

Day/Time: M 5:10-6 pm

Units: 1 (P/NP)

Course Description: This seminar serves as an introduction to the world of scientific journalism—with an emphasis on the biology of the SARS-CoV-2 virus and the COVID-19 pandemic. Students will be guided through the entire process of being published, from writing an article to navigating the editing process. Students will also learn how science publications operate via

The Aggie Transcript, an undergraduate life sciences journal at UC Davis (aggietranscript.ucdavis.edu). This class is designed to be as hands-on as possible, where current editors of the journal will lead class sessions on the editorial process from submission to publication. In-class workshops and assignments will be based on elements of the publishing process, including a workshop of graphic design. Assignments include analysis of different types of science articles, attending a seminar, lecture, or workshop on a topic related to COVID-19 and writing, editing, and formatting an article appropriate for publication. In addition, students will create an original graphic to accompany their articles. Students will also learn professional development skills such as how to write a unique cover letter and resume. By the end of the course, students will have the materials to submit an article for publication and apply for an editor position at The Aggie Transcript.

More course details are available at fys.ucdavis.edu and on the attached flyers. If you have questions, feel free to email us at aggietranscript@gmail.com.

Washington Program

The nomination program is designed to more easily connect students to the Washington Program wherein they can experience significant professional growth and more easily prepare for their future careers. After a nomination is received, they will send the nominated students detailed information about the program, instructions on how to apply, an invitation to our information sessions, and a one-on-one advising session. Although a nomination does not guarantee acceptance into the Washington Program, it gives students the encouragement and confidence to apply. In addition, as a part of the nomination program, nominated students will be given priority application consideration as well as the ability to bypass the typical requirement to obtain a formal letter of recommendation for the purposes of their program application.

Student Nomination Google Form

To nominate a student for the Washington Program, please complete the online [Nomination Form](#) or visit the [Nomination Program website](#) for more information.

Remote Program/Potential Summer In-person Program

As I mentioned above, the Spring 2021 Washington Program will be a remote program, however, the status of the Summer 2021 program is undecided with a possibility of an in-person program still outstanding. We believe that regardless of individual student situations, there is inherent value in pursuing an internship during this time of relative uncertainty and by taking full advantage of resources offered to them. Please see the [Remote Program Benefits & Features](#) page on our website for additional details regarding what students can expect from the remote version of the Washington Program. For details regarding student eligibility for the program, see the [Program Requirements & Eligibility](#) page on our website.

Application Deadlines

While there is no specific deadline to nominate a student for the Washington Program, nominated students will still need to submit their applications prior to set deadlines. Application deadlines can be found at the following link: [Application deadlines](#).

If you have additional questions regarding the new Student Nomination Program or more general questions about the Washington Program, please do not hesitate to reply to this email and I will be happy to help you.

BIG Journal Club

The BioInnovation Group Journal Club is back again with an open to anyone and everyone meeting and a topic of...DINOSAURS!

A fun and unique topic that led to some pretty interesting papers. This particular one is no exception, and for their next meeting (**Monday 11/12 1 pm- 2 pm**) their paper will be "Assessing dinosaur growth patterns: a microscopic revolution," by Dr. Erickson. So if you would like the link for the Zoom meeting, please fill out our [SURVEY TO RSVP](#).

This paper is more of a straightforward read, but if you're in a hurry they recommend at least looking at the Introduction and the figures. And if you find anything confusing, come out next Monday with questions and we can discuss!

So, grab a housemate or a pet and join us to learn about some cool science.

Graduate Study at Oregon State University

The **School of Chemical, Biological, and Environmental Engineering (CBEE)** at Oregon State University is excited to announce two upcoming opportunities to join them online to hear more about their programs and answer any questions you may have! These sessions will give you a chance to learn about their School, research areas, funding opportunities, graduate life at Oregon State University and in Corvallis, OR, and insight into our application process.

They have two sessions for you to choose from:

- Thursday, **November 19, 3pm-4:30pm (PST)**
- Friday, **December 4, 9am-10:30am (PST)**

[Register now!](#)

CBEE has a vibrant research and educational community with over 100 graduate students and offers M.Eng., M.S., and Ph.D. programs in chemical engineering, bioengineering, and environmental engineering. Explore their [areas of research](#) and [future student resources](#) and bring them your questions.

Oregon State University is located in Corvallis, which has been ranked the 2nd Friendliest College Town in America and the 4th Most Innovative U.S. City among other accolades. Additional information about life in Corvallis is located [here](#).

Social Change Career Panel

Thursday, November 19, 2020 6:00 - 7:30 pm PST

[Register on Handshake](#) for Zoom meeting link

2020 has caused us to re-examine nearly every aspect of our individual lives AND the systems we live in. The Social Change Careers Panel Thursday, November 19th from 6:00 – 7:30 pm will reframe traditional career questions from:

"What's your major?" and "What's your career goal?" to "What problem(s) do you want to solve?" and "What impact would you like to make?"

Come hear from people making an impact in their careers. Learn about the changes they are driving in this [Zoom session](#) which will have a conversational tone. Join for insights into how to launch a career that aligns with your values and priorities. Bring your questions to this warm, approachable group. Most are UC Davis grads and can relate to being a student exploring life after UC Davis.

The event will be moderated by [Charlene Green](#), Admissions Director, UC Davis School of Medicine. The panelists and careers they represent are:

- Environmental Justice, [Danielle Dolan](#), Water Program Director, Local Government Commission
- Health policy and advocacy, [DeAngelo Mack](#), Director of State Policy, Public Health Advocates, also [My Brother's Keeper](#)
- Educational justice, [Denisha "Coco" Bland](#), SAYS Campus Coordinator, SAYS Sacramento Area Youth Speaks
- Access and representation in technology, [Jennifer "Jen" Kim](#), Startup Advisor, Head of People and Diversity & Inclusion Strategist, Mission Driven, LLC

Sponsored by the UC Davis [Internship and Career Center \(ICC\)](#).

Association of State Dam Safety Officials (ASDSO) Student Opportunities



Association of State Dam Safety Officials

Dam Model Competition

ASDSO is accepting applications for the ASDSO Dam Model Competition. The Dam Model Competition calls for college student design teams to submit their plans to construct a dam model (tabletop size) and how best to use the model within their community to further dam safety education. University student groups, student branches of professional organizations, or other students interested in dam safety are encouraged to apply. The winning team will receive up to \$500 to build the model, a \$500 team stipend, and travel for select team members to attend an ASDSO conference. **Applications are due December 4, 2020.**

[Learn More!](#)

Undergraduate Scholarship Applications

The application for the 2021/2022 ASDSO Undergraduate Student Scholarship is now available. Scholarships have ranged from \$5,000 to \$10,000 in recent years. Successful recipients must be U.S. citizens and enrolled full-time at the senior level (during the 2021/2022 school year) in an accredited civil engineering program, or in a related field as determined by ASDSO. Students must also demonstrate an interest in pursuing a career in hydraulics, hydrology or geotechnical disciplines, or in another discipline related to the design, construction and operation of dams. Applications are due March 31, 2021.

[Learn More!](#)

Student Membership

ASDSO student membership is now FREE! Becoming a student member of ASDSO is a great way to learn about the profession, network with other students, young professionals, and industry experts, and broaden your technical knowledge. All ASDSO student memberships come with the same benefits of traditional membership with no cost to you.

[Join ASDSO](#)

Dam Safety 2020 On-Demand Student Registration

The Dam Safety 2020 On-Demand platform contains both general sessions, 37 concurrent sessions, access to the exhibit hall and poster-lightning talks, and the ability to access all conference PowerPoints, papers, and other downloadable resources. Students can access the on-demand platform until December 31st for only \$25.

[Visit Dam Safety 2020 On-Demand!](#)



Association of State Dam Safety Officials
239 S. Limestone, Lexington, KY 40508 | (859) 550-2788
www.DamSafety.org | info@damsafety.org
[Unsubscribe](#)



UCSA and ACQUIRE Survey Campaign

ASUCD's External Affairs Office with the ACQUIRE campaign have an important survey that UCSA has created to assess the impact of COVID-19 on student needs and experiences.

ACQUIRE is a campaign aiming for quality investment of resources in education, and the results of this survey will help inform projects to help students. ALL UC students are eligible to take this survey.

https://docs.google.com/forms/d/1PT90ZjzkyhJWl3TPS9lyWpO6Ospce_Rivj-4WjdErnE/edit

The statewide UCSA ACQUIRE campaign asks you all to fill out and share their survey to help them understand the best way to advocate for YOUR needs during the pandemic! There's even a chance to win gift cards! They will be taking responses through December 20th. Contact: Acquire@ucsa.org

Job/Internship Opportunities from the ICC

US Department of Energy

The Office of Science / US Department of Energy is pleased to announce paid research internship opportunities for undergraduate students majoring in areas of Science, Technology, Engineering, and Mathematics (STEM) for the Summer of 2021. The application system for the 2021 Summer Term Science Undergraduate Laboratory Internships (SULI) program is currently open, with all applications due by 05:00 PM Eastern Time on January 12, 2021.

The Science Undergraduate Laboratory Internships (SULI) program places students from 2 and 4 year undergraduate institutions as paid interns in science and engineering research activities at DOE national laboratories and facilities, working with laboratory staff scientists and engineers on projects related to ongoing research programs. Appointments are for 10 weeks during the Summer term, are open to US Citizens and US Lawful Permanent Residents, include a weekly stipend, reimbursement for one round trip domestic travel to the participant's host DOE laboratory, and possibilities for a housing allowance. More than 850 internships are sponsored annually.

Application is made online. Full program information and descriptions, including links to the online application system, are available at: <https://science.osti.gov/wdts/suli/>

Other Opportunities

[#3910392 Civil & Structural Engineering Drafter/Designer](#) - Upright Engineering Inc

[#2913228 Public Works Engineering Civil/Structural/Geotechnical, CAD, or Construction Management](#) - MGE Engineering, Inc.

[#3441531 Civil Engineer I and II](#) - dk Engineering
[#2662591 Engineering Consultant](#) - alliantgroup
[#4038189 Engineering Management Development](#) - Nestlé Purina
[#4173721 Vehicle Engineering \[Design Engineering Internship \(Summer 2021\)\]](#) - Tesla
[#3974392 Civil Engineering Intern\(Roadway\)](#) - Parsons
[Energy - Asset Management Analyst Internship \(Summer 2021\)](#) - Tesla
Entry Level Engineer - Eichleay, Inc.
Engineer - Ashby
[Growth Engineer](#) - Verkada

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