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Civil Engineering Undergraduate Announcements – August 10, 2020

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Peer Advising Summer Hours

Mondays (10 am – 12 pm):

<https://us02web.zoom.us/j/87343559239?pwd=TmdYMVh2SVJlMWUg2d21ERU1DVFpzQT09>

Meeting ID: 873 4355 9239

Password: 0ZqT9F

Wednesdays (10 am – 12 pm): [https://us02web.zoom.us/j/82636537103?](https://us02web.zoom.us/j/82636537103?pwd=VkFPb2hPMlpWZ3U4bTVTTkNHUWUzUT09)

[pwd=VkFPb2hPMlpWZ3U4bTVTTkNHUWUzUT09](https://us02web.zoom.us/j/82636537103?pwd=VkFPb2hPMlpWZ3U4bTVTTkNHUWUzUT09)

Meeting ID: 826 3653 7103

Password: 1K8Due

2020 IIFH Summer Undergraduate Innovation Fellowship

This summer the [Undergraduate Research Center](#) (URC) has designed a new virtual part-time summer program during August-September supported in collaboration with the [Innovation Institute for Food & Health](#) (IIFH). The IIFH Summer Undergraduate Fellowship provides an experience aligned with the mission of the IIFH to inspire undergraduate students to catalyze innovation across food, agriculture and health. The URC supports experiential learning and training in innovation and entrepreneurship because many of the skills are similar to those acquired in research, so entrepreneurship can help prepare students for research, and

research can prepare students for entrepreneurship! Are you interested to know more about what it means to be an entrepreneur and translate research interests to commercial applications? This program is designed to help you discover more! You do not need to have any previous experience in entrepreneurship training or already have an idea for commercialization.

This part-time virtual program will introduce concepts of entrepreneurship and design thinking, training and communication events related to entrepreneurship and innovation, and professional development opportunities. The 2020 IIFH Summer Undergraduate Fellowship includes an \$800 stipend. Even though this program will be facilitated remotely through videos and workshops, we endeavor to capture the spirit of experiential and hands-on learning through interactive training and communication activities and exposure to experienced entrepreneurs.

Applicants:

- must be a continuing undergraduate student (will be enrolled in fall quarter, not graduating this summer) in any major, and in good academic standing; preference will be given to 2nd or 3rd year students (including incoming transfer students)
- do not need to be currently/actively involved with a research group/lab/project
- do not need to have any previous entrepreneurship experience or already have a specific idea for commercialization.
- should have current and/or future research interests with translational relevance to agriculture, food and health (note: based on the IIFH focus, this program gives less priority to device development or drug discovery)
- available to be involved in a part-time program 5-10 h/week (time commitment based on weekly workshops, engaging in online content related to entrepreneurship and innovation, communication skills and weekly project design and innovation assignments)
- will be encouraged to participate in other entrepreneurship events during the academic year

The IIFH summer program will begin around 8/13 and end 8/25.

Deadline to apply:

Final deadline: Tuesday, August 11, 2020 at 11:59 p.m.

Visit [URC's IIFH website](#) for more information about the program and to [apply](#).

Graduate Zoom Q&A

ESTEME is a graduate organization focused on improving equity and equality in STEM and business fields. They are organizing a lunchtime Zoom Q&A on **August 19th** as part of ESTEME's mentor-mentee program for undergraduates from underrepresented backgrounds to learn about grad school, the decision to apply, and the application process, from current graduate students from a diverse set of disciplines at Davis. They are currently recruiting new undergraduates who may be interested in being paired with a graduate student mentor to guide them in the graduate school process, including but not limited to emailing potential advisors and editing personal statements.

[RSVP Link here](#)

ASUCD Student Opportunities

This summer and fall, ASUCD is offering positions for students to gain experience in areas including advocacy, research, and event planning.

For more information please see the attached graphics advertising their open positions.

Get to Know the AATC!

SAVE THE DATE: September 15, 2020

Open to all UC Davis students, staff, and faculty

Session 1: 2:00-3:00 p.m. OR Session 2: 3:00-4:00 p.m.

(530) 752-2013 <https://tutoring.ucdavis.edu/>

Academic Assistance and Tutoring Centers (AATC) would like to invite you to get to know the team and the academic support services available for all undergraduate students.

AATC offers classes, workshops, tutoring appointments, office hours, and writing across the disciplines serving 10,000 students a year.

Join us to find out:

ü How do students sign up for services?

ü What are the benefits of using academic support services?

ü What is the difference between classes, workshops, and tutoring?

ü What type of remote services are available?

For a preview of AATC services, check out our

video: https://video.ucdavis.edu/media/AATC+Video/0_3le8pcqy

v Register in advance for the 2:00 session:

https://zoom.us/join/joiner/tJYpfuivrT8rGtzx-zKnKQe24Il4nvD5n_QM

After registering, you will receive a confirmation email containing information about joining the meeting.

v Register in advance for the 3:00 session:

<https://zoom.us/join/joiner/tJEqdOqqqjwvE91Pp4p23CrDykkbSWiHYNag>

After registering, you will receive a confirmation email containing information about joining the meeting.

ESCSI 2020-21 John Ries Scholarship

The Expanded Shale, Clay, and Slate Institute (ESCSI) is accepting submissions for the John Ries Scholarship in Academic Year 2020-21 for undergraduate and graduate students in civil engineering or closely related majors.

The ESCSI is the international trade association for manufacturers of rotary kiln-produced expanded shale, expanded clay and expanded slate (ESCS) lightweight aggregate. ESCSI promotes the extensive use of rotary kiln-produced lightweight aggregate in the lightweight concrete masonry and structural lightweight concrete markets, as well as use in asphalt, geotechnical and other applications. Based on research and development, educational material is disseminated to all phases of the construction industry. The association works closely with other technical organizations, such as ACI and ASTM, to maintain product quality, life-safety and professional integrity throughout the construction industry and related building code bodies.

Applications are accepted as self-nominations by undergraduate or graduate students in civil engineering or closely related majors who are enrolled in fall 2020 and will return to school for spring 2021. All applications shall be postmarked no later than **October 1, 2020**. Applications should include the following items:

1. The application form signed by the applicant (electronic signature is acceptable). This form is also available as Google Form at <https://forms.gle/xU9ykvsEbjZ4pbcx9>.
2. A one-page statement of qualifications by student describing motivation in ESCS materials; academic and career goals related to ESCS applications; planned research- or practice-based projects involving ESCS materials; and/or the value of this scholarship to achieve goals or complete projects; (letter-size, single-spaced, 1" margin, font size 12, doc or pdf)
3. Unofficial transcripts indicating the current GPA of 2.75 or higher (pdf);
4. A confidential letter of recommendation by a faculty; signed, dated, and sealed; or sent directly via email by the faculty with the subject "John Ries Scholarship".

Please send completed application and attachments, as well as any question to following address and mention "John Ries Scholarship" in the subject line of emails, or back of mail packages:

Expanded Shale, Clay and Slate Institute
35 East Wacker Dr., Suite 850
Chicago, IL 60601
info@escsi.org

Student Startup Center Opportunities

The Student Startup Center supports students across UC Davis in practicing entrepreneurship and creativity. They believe UC Davis students are capable of solving big problems, applying their UC Davis education and the resources of the university. They also believe that entrepreneurship is an effective problem-solving tool.

One of our core offerings is **Introduction to Entrepreneurship (ENG 008)**. In this course, students work on inter-disciplinary teams to work through the critical elements of entrepreneurship. It is **an excellent opportunity for students new to the university to meet other Aggies while learning together**.

Please take a moment to view a short introduction from the Student Startup Center director and Intro to Entrepreneurship professor to learn a little more about our philosophy: <https://www.youtube.com/watch?v=n9gZxhmC2M0&t=4s>

Job/Internship Opportunities

Download: [Career Resource Manual](#) for guidance on resume, cover letter, and more

[#2927867 Product Development Engineer](#) - KLA Corporation

[#3766868 Project Engineer](#) - A. Teichert & Son, Inc.

[#3856023 Water Resources Technician](#) - Yolo County Flood Control & Water Conservation District

[#3856183 Student Assistant](#) - California Air Resources Board

[#3349129 Full Time Engineer](#) – Amphenol

[Modeling/ Drafting](#) - KPFF

[Plant Engineering Intern](#) - ViacomCBS

[Science of Security Intern Program](#) - National Security Agency

[STEM internships](#) - Sara Inc

[Junior/Assistant Specialist - Cheng Lab](#) - UC Davis

[Environmental Internship](#) - Langan Engineering and Environmental Services, Inc

[#3892173 Water Production Intern](#) - Alameda County Water District

[#3883581 Consumable Engineering Intern](#) - Combinati

[#3887302 EPA Perfluorinated Alkyl Substances \(PFAS\) in Drinking Water Internship](#) - Oak Ridge Institute for Science and Education

[#3880905 R&D Internship - Summer 2021](#) - The Clorox Company

[#3878543 Civil Engineering intern](#) - ACORN ONSITE, INC.

[#3875629 Project Engineer Intern \(Fall 2020\)](#) - Barnard Construction

[#3856103 Development Internship, Summer 2021](#) - Akuna Capital

[#3856018 Trading Internship, Summer 2021](#) - Akuna Capital

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