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Civil Engineering Undergraduate Announcements – January 4, 2020

Happy Winter Quarter! I hope everyone had a safe and relaxing winter break.

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Peer Advising Hours – Winter Quarter 2021

Monday: 10 am - 12 pm

<https://ucdavis.zoom.us/j/95977799647>

Meeting ID: 959 7779 9647

Tuesday: 2 pm - 4 pm

<https://ucdavis.zoom.us/j/92999660926>

Meeting ID: 929 9966 0926

Wednesday: 10 am – 12 pm

<https://ucdavis.zoom.us/j/95137470434>

Meeting ID: 951 3747 0434

Thursday: 2 pm - 4pm

<https://ucdavis.zoom.us/j/93954940963>

Meeting ID: 939 5494 0963

Get Involved!

Minorities in Agriculture, Natural Resources, and Related Sciences (MANRRS)

Are you looking for 1 unit course that is fun, interactive, AND will help with professional development?

Take MANRRS for credit!

Class Name: SAS 198

CRN#: 41466

Meeting Day & Time: Tuesdays from 4:10-5pm

Questions?

Contact: ucdavismanrrs@gmail.com



DSC at UC Davis and SacHacks

DSC at UC Davis and SacHacks are excited to announce an amazing opportunity called “A Day-In-The-Life: Enterprise Computing” with IBM taking place on **Saturday, January 9th, 2021 from 2-3:30 PM PST**. IBM has partnered with the United Nations Food Program to help give back, where [for every hour of participation, 2 children are fed](#).

During these times of hardship and uncertainty, this event is uniquely placed in an intersection

of helping you gain mastery in high-demand technologies while providing positive impacts for the less fortunate. Please join them and help make a difference while learning impactful technologies.

The event includes discussions with Managers and Engineers on Enterprise Computing, guidance on the first part of IBM's very own coding competition, learning to present yourself and your ideas to others, as well as a chance to lead live discussions.

Please make sure to RSVP here: <http://ibm.biz/dsc-ucd>

American Water Works Association at UC Davis (AWWA)

Water Tower Challenge - **When: January 15th at 5-6:30 PM**

Interested in developing critical thinking and collaboration skills? If so, AWWA and EWB will be hosting a friendly Water Tower competition. The competition will consist of a brainstorming activity where teams will solve a hypothetical community scenario by proposing a new location for the water towers. The teams' reasoning for the proposed location will be judged by UC Davis faculty and friends. The participants in the winning team will receive an e-gift card prize.

Anyone is welcome! And no experience is required! Feel free to invite your friends! We hope to see you there!

Meeting ID: 2841 62 3170

Conferences & Webinars

32nd Annual Undergraduate Research, Scholarship & Creative Activities Conference

The 32nd Annual Undergraduate Research, Scholarship & Creative Activities Conference will be going virtual for the second year and their planning committee looks forward to incorporating more opportunities that are both asynchronous and synchronous for all presenters, moderators and attendees. Attached please find the save the date announcement. A note that since they are going virtual again, conference dates have been extended and will take place **Wednesday, April 28 through Saturday, May 1, 2021**. Follow them on [Instagram](#) so you can reshare all our conference info.

Important Conference Dates and Deadlines

- **Conference registration site opens:** Thursday, January 7, 2021
- **Priority Abstract deadline:** Tuesday, February 9, 2021 at 11:59pm
- **Final Abstract deadline:** Tuesday, February 16, 2021 at 11:59pm



Klesis Christian Fellowship Webinars

Klesis Christian fellowship is hosting a special webinar THIS Saturday called "How They Made It", featuring UCD alumni who currently work as a doctor, vet student, and engineer!



HOW *THEY MADE IT*

+ Live Q & A!

Hear from a doctor, a vet student, and an engineer and what they did to make it in their career.

SATURDAY, JANUARY 9
8:00-8:30 PM
Reserve your spot here
bit.ly/thrivedavis

 @thrivedavis 



Garrett Sheng, MD
Pediatrician



Addison Cheng
Vet Student
@UC Davis



Ada Liu
Mechanical Engineer

koin. x  KLESIS

Koin and Klesis Christian fellowships are registered student organizations at UC Davis.

And next Tuesday they will be hosting another webinar about resume tips, featuring a UCD recent grad who's working for a Big 4 company.



How to **build your resume** starting from your **freshman year**

Get one on one resume help from alumni.



Hear from
KRISTI JUWONO
Experienced Assurance Associate @ PwC

TUESDAY, JANUARY 12
8:00-8:30 PM
Reserve your spot here
bit.ly/thrivedavis

 @thrivedavis 

koin. x  KLESIS

Koin and Klesis Christian fellowships are registered student organizations at UC Davis.

Silicon Valley Women in Engineering Conference

The 2021 Virtual Silicon Valley Women in Engineering (WiE) Conference will be virtual and held on Saturday, March 20, 2021, with the conference theme: Reimagine the Future.

The 2020 WiE Conference with 450+ attendees sold out quickly. The 2021 Virtual WiE Conference promises to be another great conference. It will feature nearly 70 speakers and leaders from Silicon Valley companies such as Intel, Google, IBM, Cisco, Agilent, Amazon, and Salesforce. The conference program includes 12 emerging technologies sessions, six professional development workshops, and four career panels. In addition, they will have a virtual Innovation Showcase in which premier Silicon Valley companies will showcase their cutting-edge technologies as well as interact with students for potential internship/career opportunities.

Students may now register individually or as part of a campus group. A group rate of \$20/person will be available for groups of 5 or more between now and February 28, 2021. Given the strong demand for the limited number of registrations, we urge you to register as soon as possible at <http://2021.siliconvalleywie.org/> via eventbrite.

To secure the seats before students are identified, one can use 2021WiE as a placeholder. Once the student attendance is confirmed, one can update the eventbrite ticket.

If you have any questions, please contact their team at: wie-engineering@sjsu.edu.

Scholarship Opportunity – NV5 Global Inc Corporate Scholarship

The initial “year-one” scholarships (\$50,000) are scheduled to be awarded in late winter/early spring 2021. A web-link to the scholarship description is provided below, and they highly encourage a wide range of majors for consideration. Application deadline for the scholarship applications is January 8, 2021.

<https://apply.nsbe.org/>

NV5 Global Inc Corporate Scholarship

NV5 is a leading provider of professional and technical engineering and consulting solutions for public and private sector clients in the infrastructure, construction, real estate, and environmental markets. The Company primarily focuses on five business verticals: construction quality assurance, infrastructure engineering and support services, utility services, program management, and environmental solutions, and delivers geospatial services through its subsidiary Quantum Spatial, Inc., the largest full-service geospatial solutions provider in North America. NV5 operates out of more than 100 offices nationwide and abroad.

Criteria:

- GPA Requirement: 2.85 or higher
- Majors: Agricultural Engineering, Civil Engineering, Chemical Engineering, Computer Engineering, Computer Science, Electrical Engineering, Engineering Technology, Environmental Engineering, Industrial/Systems Engineering, Information Technology, Math, Mechanical Engineering, Mining Engineering, Petroleum Engineering, Software Management, Technology
- Regions: 1, 2, 3, 4, 5, 6
- Classification: Undergraduate Junior (3rd Year), Undergraduate Senior (4th Year), Graduate Student
- Residency Status: U.S Citizen
- Award Amount: \$5,000
- Number of Awards: 10
- Application Deadline: January 8, 2021

NV5 is committed to increased diversity and inclusion in the STEM field, and helping students attain their educational goals. They plan on sustained engagement with NSBE and other organizations (AISE, oSTEM, SAME, SHPE, SASE, SWE) to achieve these goals; both within NV5 and the broader community.

<https://convention.nsbe.org/>

<https://50kcoalition.org/>

<https://www.nv5.com/>

<https://www.linkedin.com/in/carl-henderson-1464a58/>

Prized Writing Deadline Reminder

Prized Writing has ***decided to extend the submission deadline for Summer Sessions and Fall Quarter to January 11, 2021.***

Submissions must be for a Summer or Fall Quarter 2020 UC Davis class, 15 pages or fewer, and from any discipline except creative writing (creative nonfiction, however, is eligible for consideration).

All papers must be submitted through the [online submission form](#) by **January 11, 2021 at 11 pm.**

To learn more about the publication and see UC Davis student work from previous editions, 'like' the [Prized Writing Facebook page](#) and visit the [Prized Writing website](#).

For more information on the contest, please contact the Assistant Editor, Amara Deis, at amdeis@ucdavis.edu.

Job/Internship Opportunities

Genentech

Genentech - a member of the Roche Group - is a biotechnology company that after launching the industry over four decades ago has become a global leader in pursuing groundbreaking science to discover and develop medicines for people with serious and life-threatening diseases.

They would like to invite you to **join them for a virtual information session on January 20th, 2021 from 7-9 PM PST** via Zoom meeting where they will showcase the company and its internship program and opportunities, including how to apply for the upcoming 2021 internships, CO-OPs, and rotational programs being offered at Genentech.

Those interested in attending **must** RSVP to the event by scanning the QR code on the attached flyer and submitting the associated form no later than **January 15th, 2021**. Students who submit the form will then be invited to the Zoom meeting via email and will be all set to join us for the event.

University of Michigan Undergraduate Research

The [University of Michigan Frankel Cardiovascular Center \(FCVC\)](#) plans to offer a 10-week [Summer Undergraduate Research Fellowship \(SURF\)](#) for the summer of 2021. The 2021 FCVC SURF program is expected to run between June and August, but exact program dates and format will be forthcoming.

Program Description

Each student will be matched, based on their interests, to a laboratory that is led by a FCVC faculty member. [This collection of laboratories](#) is involved in internationally recognized research in topics such as atherosclerosis, genetic cardiomyopathies, blood clotting disorders, cardiac arrhythmias, vascular biology, and heart failure. The stipend will be \$4,000 for ten weeks of full-time work, typically starting the Tuesday after Memorial Day and ending the first week of August (exact program dates pending). The program includes scientific seminars, social events, and a two-day research symposium where fellows present their research to their peers and FCVC faculty and staff.

The application link IS OPEN and **closes January 31, 2021**. Visit their website for the application link: www.tinyurl.com/fvcsummerfellowship.



M | FRANKEL CARDIOVASCULAR CENTER
**Summer Undergraduate
Research Fellowship Program**

SURF at the FCVC!

The University of Michigan Frankel Cardiovascular Center is pleased to offer a 10-week fellowship program starting in June 2021 to support undergraduate students interested in cardiovascular research. Each fellow will be matched to a laboratory led by a FCVC faculty member and participate in nationally recognized research in areas such as atherosclerosis, genetic cardiomyopathies, blood clotting disorders, cardiac arrhythmias, vascular biology, and heart failure.

***DUE TO THE PANDEMIC,
EXACT PROGRAM DATES AND FORMAT ARE PENDING***

Application Opens: December 14, 2020
Application Deadline: January 31, 2021

Email:
FCVC-SURF@med.umich.edu

Website:
<https://tinyurl.com/fcvcsurf>

Opportunities from the ICC

[#4051936 Full Time – Field Service Engineer – Los Angeles, CA – 2021](#) - Philips

[#3859533 Project Engineer](#) - V. W. Housen & Associates

[#3753614 Project Engineer](#) - Elite Earthworks and Engineering
[#3949020 Engineer in Training](#) - REB Engineering, Inc.
[#4209156 Engineer \(Various Specialties Needed\)](#) - Glucosia, Inc.
[#4237291 Packaging Engineer Intern](#) - Corsair
[#3983704 Civil Engineer Intern - Hydrology & Waste Water](#) - Parsons
[#4005281 Internship - Design Engineer](#) - The Weitz Company
[#4209141 Civil Engineer Intern](#) - Greening Youth Foundation
[#4185281 Engineer - Internship](#) - Atkore International
[#4231244 Civil/Water Resources Engineering Internship Opportunity](#) - MBK Engineers
[#4045283 Consultant/Field Engineer Internship](#) - FM Global
[#4111886 Project Engineer Internship](#) - Cahill Contractors LLC
[#3992736 Research Engineer, Signal Processing](#) - Sony Corporation Japan
[#4185861 Project Engineer Intern, Infrastructure Data Center](#) - Facebook
[Process Monitoring/Control \(SPC\), Statistical Analysis Intern - Summer 2021](#) - Bayer
[Nuclear Criticality Safety Division Graduate Student Intern](#) - Lawrence Livermore National
Laboratory
[R&D Engineer Intern](#) - Complete Genomics Inc.
[General Affairs Intern](#) - Samsung Electronics America
[Summer Intern, Product Operations](#) - Sirius XM
[Life Science Research Professional 1](#) - Stanford University
[Engineering Intern](#) - Harmony
[Engineer](#) - Target
[Pyrometallurgical Engineer Jr.](#) - Haraeus

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