

Subject: Civil Engineering Undergraduate Announcements - October 26, 2020
Date: Monday, October 26, 2020 at 10:48:45 AM Pacific Daylight Time
From: Civil Engineering Undergraduate Advising
To: coe-cee-ug-students Sympa List
Attachments: image001.png, image002.jpg, image003.png, image004.png, 2020 GO UCI Flyer[2].pdf, MBK Info Session.pdf, AFC2020_AttendeeRegForm.pdf, Student &YP Water Tower Building Competition flyer.pdf, AFC2020 Conference Agenda.pdf, Competition-on-Competition.pdf, Strauss Flyer 2020-21[2].pdf

Civil Engineering Undergraduate Announcements – October 26, 2020

Happy Week 4 and Happy Halloween!

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Get Involved on Campus!

American Water Works Association (AWWA) at UC Davis

1. WE Build Competition and Costume Contest - **When: October 30 at 4:10 pm**

Are you interested in building a functional, original, and innovative water tower on your own or within a 3-person team? If so AWWA will be discussing the Water Tower Building Competition and what it entails while also hosting a costume contest in the spirit of Halloween 🎃 🧛 🎉 E-Gift cards of \$10, \$15, and \$20 will be given to 3 lucky winners.

The Water Tower Building Competition is open to all students so feel free to invite your friends. **They**

will be reimbursing students who participate and those who are new to AWWA will receive a free 1-year membership.

If you are interested, please sign up [here](#).

2. MBK Info Session - When: November 13 at 4:10

AWWA is inviting everyone who is interested in learning about water resources to their MBK Engineers info session. Meet water engineers and learn about their contributions to the water industry. Come learn about the company culture and the skills needed to succeed in this profession. Feel free to ask questions about their career pathway, what they do, and what they enjoy about working as an engineer. The engineers at MBK Engineers are open to answering any questions related to the profession and want to provide you with information to help you succeed.

For more information about MBK Engineers, you may visit their website at <https://www.mbkengineers.com/home/>.

3. CA-NV AWWA's Annual Fall Conference (AFC20 Virtual) on October 26-29, 2020

If you are interested in learning more about the water industry and networking, AFC20 is **only \$5 for students (members or non-members)**. For more information, you may click [here](#) or see the below attachments.

If you have any questions, please email Shobhana Chickarmane at schickarmane@ca-nv-awwa.org.

4. AWWA Student Membership

From October 1 through December 31, 2020, **new students** can join AWWA for only \$10. For returning members, fees are \$20. Materials used for the promotion of this campaign are available on the section support [website](#).

5. Feedback Poll

They are asking for feedback on our past general meeting. For those who did and did not attend, may you comment on what you would like us to change or improve on in the future, whether they should change the time or etc?

Click [here](#) to access the poll.

BIG Journal Club

UC Davis' BioInnovation Group's (BIG's) Journal Club will be having their second meeting of the quarter this coming Monday (**TODAY at 1 pm!**). This is an exciting week for Journal Club because they have a paper that talks about CRISPR and cancer cell immunology! CRISPR is a gene modification technique that was used in this paper to discover a T-cell interaction system that significantly reduced the

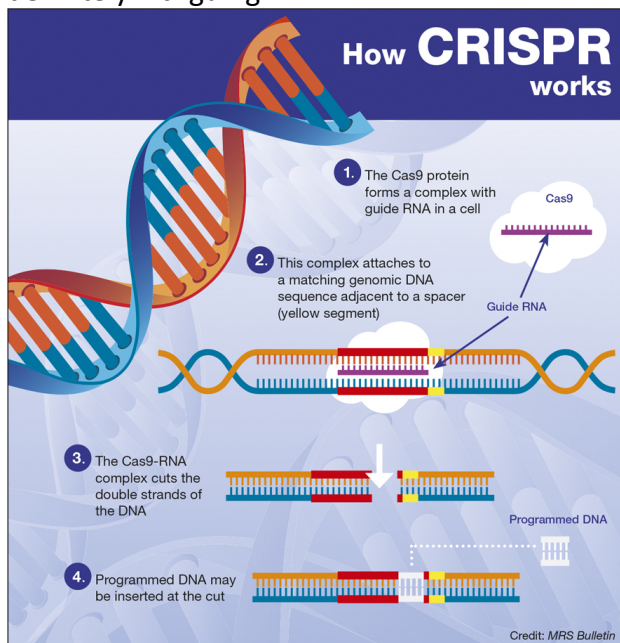
amount of cancer cells in infected individuals. Sounds promising? The scientific community seems to think so!

Who are we?

The BioInnovation Group Journal Club is a group by undergrads, for undergrads, where we meet every other week to discuss the academic paper of choice that is groundbreaking, a scientific classic, just darn interesting, or all of the above! No scientific experience is required, nor do we expect you to come fully understanding everything in the paper. However, we do hope that you will come with questions so we can have a fun conversation where hopefully everyone will learn something new. [Meetings are every other Monday from 1-2pm, with our next meeting scheduled for 10/26. RSVP \[HERE\]\(#\) for a fun time and also to request topics we should discuss in the future!](#)

And now, the paper:

Having just been published February of this year, the paper titled “Genome-wide CRISPR-Cas9 Screening Reveals Ubiquitous T cell Cancer Targeting via the monomorphic MHC class I related protein MR1” created ripples in the immunology and oncology community. Researchers at Cardiff University identified T-cells equipped with a new type of receptor that recognized and killed multiple types of cancer while ignoring healthy, non-cancerous cells. Sounds too good to be true? Hopefully not, but it’s definitely intriguing.



Knights Landing Garden Committee

Application Open from Monday, October 12th - Friday, October 30th

Application Link: <https://docs.google.com/forms/d/e/1FAIpQLSfp3SM2OKYljQWg0HZ-LayQQr3kxKp9oIOUrfOi0LP9hpMmMA/viewform>



**Knights Landing Garden Committee
2020-2021 Recruitment**

Are you interested in making a change within a community?
Knights Landing (KL) is an underserved farming community that lacks basic resources to recreational centers, parks and grocery stores.

Our goal is to develop a community garden plot to grow fresh produce and serve as a recreational space to promote health and nutrition for local residents and youth. We are also planning on continuing cooking workshops using the farm-to-fork concept and focusing on youth involvement in the coming year.

We are looking for passionate committee members who are interested in community empowerment, landscape design, and happy gardening.

**Application is open from
Monday, Oct 12th - Friday, Oct 30th
[Click Here To Apply](#)**

Questions? Contact Jessica Alexis Bernal: jobernal@ucdavis.edu
[Website Click Here](#)

Graduate School Opportunities

Graduate and Law School Info Day



Thinking about **graduate school**? Grad School Info Day, a once-a-year grad school fair, is **happening Wednesday, October 28 and Thursday, October 29 on Handshake, 11-2pm**. Join us to explore graduate programs and speak directly with **admissions staff and recruiters**.

You don't have to be set on grad school to attend, or a certain year in school. This is an event for folks exploring, preparing for, and applying to advanced degree programs: **Master's and Ph.D., business/MBA, and teaching credentials**. **Registration is free, but required**.

The poster features a blue background with the title "Graduate and Law School Information Days" in large white text. Below the title, it says "Two-day event on Handshake". To the right is a 3D yellow cube with blue faces labeled "JD", "MBA", "PhD", "MA", and "MS". Below the cube, the dates "October 28 and 29" and time "11 AM-2 PM" are listed in yellow. A yellow banner below that says "It's never too early to start!". Further down, in smaller text, it states "Registration opens October 14 and spots are limited!" followed by three bullet points: "• You must register for the event and make a schedule.", "• Group sessions max out at 50 people.", and "• Schedule 10-minute one-on-one appointments with a recruiter." At the bottom left is the UC Davis logo and "OFFICE OF EDUCATIONAL OPPORTUNITY AND ENRICHMENT SERVICES". At the bottom right is the website "pregradlaw.ucdavis.edu".

Graduate and Law School Information Days
Two-day event on Handshake

October 28 and 29
11 AM-2 PM
It's never too early to start!

Registration opens October 14 and spots are limited!

- You must register for the event and make a schedule.
- Group sessions max out at 50 people.
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UC DAVIS
OFFICE OF EDUCATIONAL OPPORTUNITY
AND ENRICHMENT SERVICES

pregradlaw.ucdavis.edu

A few participating programs include: [A full list of 100+ participating schools is available on our website.](#)

- [NYU Tandon School of Engineering](#)
- [USC Viterbi School of Engineering](#)
- [UC Berkeley Fung Institute for Engineering Leadership](#)
- [Institute of Science and Technology \(IST\) Austria](#)

Registration is now open! Register early to secure your spot to meet with the programs that interest you!

[Register now for Grad School Info Day on October 29th!](#)

Your grad future starts here.

UC Irvine

Graduate Opportunities at UCI (GO-UCI): Preview graduate programs and labs in Engineering & Information and Computer Sciences and connect with UC Irvine faculty and students to learn more about the graduate admission process.

When: Saturday, November 7, 2020

Where: Online via Zoom

Benefit: Graduate application fee waiver for eligible applicants

Deadline: Sunday, November 1, 2020

For more information please see the attached flyer and visit: <http://sites.uci.edu/gouci>.

Donald A. Strauss Public Service Scholarship

The Strauss Foundation provides 10-15 annual awards of \$15,000 each to students at one of 14 California colleges and universities, who may each submit up to three proposals. Applicants must be sophomore or junior level standing, be ranked in the top 1/3 of their class, and can be from any citizenship status. Candidates must submit a proposal for a sustainable, innovative public service project to be implemented throughout the course of the 2020-21 academic year anywhere in the world.

UC Davis is allowed to nominate up to 3 proposals for this prestigious award and our deadline to receive completed [applications](#) is **February 1, 2021**. **Please see the attached flyer for more information.**

Job/ Internship Opportunities

Insight Fellows Program – Winter 2021

The Insight Fellows Program is now accepting applications from graduating students (must complete all coursework by January 19th in order to participate full time) for our winter sessions.

Apply to our fully-remote winter session by November 2: <https://apply.insightdatascience.com>

What is Insight?

The Insight Fellows Program is a seven-week professional training fellowship for graduating students and working professionals looking to transition to thriving careers as data scientists, engineers, and other cutting-edge professionals. Insight takes a [unique approach](#), working closely with partner companies to match Fellows with the hiring teams that represent the best fit for their skills and experience.

Scholarships Available

Their goal is to make sure that everyone with the right skills can participate in Insight regardless of financial challenges. They offer several scholarships (including need-based and scholarships for underrepresented groups in tech) to help reduce the barriers keeping you from participating in Insight's programs and taking those first steps to launch your thriving career. [Learn more](#) about available scholarships.

Gain a Network

Since 2012, Insight has helped **3,500+ Fellows** transition to thriving careers in a variety of data and tech fields. By joining the Fellowship, you're also joining an extensive community of industry leaders, and gaining connections to thousands of data and tech professionals from hundreds of companies. This is an investment in your future that pays dividends for years to come.

Getting Hired

88% of Insight Fellows accept a job offer in their chosen field within 6 months of finishing the Fellows Program, and the **median time to hire is 8 weeks**.

Starting Salary

The average starting **base salary** for Insight Fellows across all our locations is **\$126,000**. Average bonus is \$12,000, and almost all Fellows receive either equity or stock grants. The average stock grant for publicly-traded companies is \$26,000 per year.

Hiring Companies

Insight alumni are now working at Facebook, LinkedIn, The New York Times, Apple, Airbnb, Netflix, Memorial Sloan Kettering Cancer Center, CVS Health, 23andMe, Bloomberg, NBC, Bosch, American Express, Microsoft, and **700+ other top companies**.

Post-Program Experience

Beyond the seven week program, Insight Fellows get access to a structured, highly-personalized post-program experience. This personalized post-program experience that we introduced as of Summer 2020, helps Insight Fellows get jobs 40% faster and earn \$10,000-15,000/year more than the results quoted above.

Available Programs:

- Artificial Intelligence
- Data Engineering
- DevOps Engineering
- Decentralized Consensus

- Data Science*
- Health Data Science*

*Please note that our programs are open to all degree levels, except our Data Science and Health programs, which have a PhD requirement.

Locations:

Sessions will take place remotely, but Fellows will interview for jobs in the following cities:

- San Francisco
- New York
- Boston
- Seattle
- Los Angeles
- Austin
- Chicago
- Denver
- Portland
- Washington DC

Upcoming Deadline & Start Date:

- Next application deadline: November 2
- Session begins: January 19

Want to learn more about Insight and our programs? Visit: <https://www.insightfellows.com>

Not ready to apply? Sign up for our notification list: <https://notify.insightdatascience.com/notify>
Questions? Email us at info@insightdatascience.com

Opportunities from the ICC

Full Time/Entry Level Jobs

[#4103980 Field Engineer - Kiewit Power Constructors](#) - Kiewit

[#3996568 Geospatial Programmer](#) - Land IQ

[#3849701 Assistant Engineer/ Geologist/ Scientist](#) - Engineering/Remediation Resources Group, Inc.

[#353238 Assistant Civil Engineer](#) - O'Dell Engineering

[#3734394 Waste Water Engineer](#) - GESS International U.S., LLC

Internships/Part-Time Jobs

[#3990343 Nationwide Technology Summer 2021 Internship Program](#) - Nationwide

[#3459334 Structural/Mechanical Engineering Intern](#) - PANACHE ENGINEERING INC
[#4060321 Canvas Site Reliability Engineer Intern \(Remote\)](#) - Instructure
[#3610354 DESIGN ENGINEERING INTERN](#) - Sullaway Engineering
[#4008822 Engineer Intern - Transportation](#) - Bartlett & West
[#4008740 Engineer Intern - Water Resources](#) - Bartlett & West
[#3977892 Quality Engineer Intern](#) - Texas Instruments Inc.
[#4006447 \(Intern\) Field Quality Engineer](#) - Samsara Networks
[#4077938 Sustaining Engineer Intern](#) at Exact Sciences
[#3935235 Sustainable Workplaces Environmental Engineer Intern](#) - General Motors
[Intern - Civil Engineering \(Sacramento, CA\)](#) - Kimley-Horn
[2021 Summer Civil Engineer Assistant \(Internship\)](#) - BFK Engineers
[Development Engineering Intern \(Summer 2021\)](#) - Raytheon

On Campus Jobs

[#3979065 STDT 3 - Program Administration](#) - UC Davis Institute of Transportation Studies, Air Quality Research Center, Energy and Efficiency Institute & Policy Institute
[#3818439 Student Assistant 4 \(STDT 4\)](#) - UC Davis Civil and Environmental Engineering

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Macey Miyahara

Civil Engineering Undergraduate Peer Advisor
civiladvising@ucdavis.edu