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Civil Engineering Undergraduate Announcements – February 18, 2020

Happy Week 7! I hope everyone had a fun and relaxing 3 day weekend.

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Distinguished Speaker Series: Dr. Kimberly Jones TOMORROW

Dr. Kimberly Jones will be the department's next speaker in our 2019-2020 Distinguished Speaker Series. Her talk will focus on "Environmental Engineering for the 21st Century: The Intersection of Water Research and Policy." She is purposely keeping her talk broader, so that it will be of interest to all in environmental and civil engineering. Please see the attached flyer for more details.

Kimberly Jones, Ph.D.
Wednesday February 19th
5 pm
SCC Meeting Room D

Future of Work Series: The Cannabis and Hemp Industry

Event information

- Date: Thursday, February 20th
- Time: Reception (with free food) at 5:00pm, Event from 5:30-7:00pm
- Location: **Shields Library, Room 167, UC Davis** (main floor)

An [Eventbrite](#) ticket isn't required for entry, but would help us with analytics - those who register on Eventbrite and bring a copy of their ticket (physical or electronic) with them will have their names added to a raffle (prize is a UC Davis Stores gift card). *If you are teaching or TA'ing for a class this quarter, please consider sharing this opportunity with your students. For more information and updates, visit our [website](#) and [Facebook](#). We welcome undergraduate students, graduate students, faculty, and staff alike.*

Speakers:

Vince Lane is an entrepreneur and investor with over twenty five years of startup and corporate experience. He's also a UC Davis alumnus. Vince's background spans across real estate, business development, technology, IT, entertainment - and now cannabis/hemp. Currently, he is Co-Chair and sits on the advisory board of the UC Davis Cannabis and Hemp Research Center. He also serves as Chair of Harvard Business School (HBS) StartUp Partners program, an advisory board for companies and entrepreneurs. Vince is currently a partner in three hemp/CBD projects in China and Asia, including cultivation/production, beauty products, and a venture capital fund. He's advised cannabis and hemp companies in the United States (California, Nevada, Oregon, and Colorado), the United Kingdom, Canada, Thailand, and Peru.

Dr. Donald Land is the Chief Scientific Consultant for Steep Hill, one of the leading scientific cannabis analysis labs in the world. He is also a Professor of Chemistry, Forensics, and Biotechnology at UC Davis.

About the Future of Work Series

The Future of Work Series at UC Davis brings together experts from academia, government, and industry to discuss new and emerging fields of research and employment. In each event, one UC Davis faculty member is paired with one outside professional from industry, government, and/or the nonprofit sector for a casual and unmoderated fireside chat on the future of work in their respective fields. The fireside chat is followed by a student-led Q&A session where each speaker answers the same questions from different frameworks.

AWWA of UC Davis



Announcements

1. **Site Tour at Lake Berryessa: Poll**
2. **AWWA Bowling Social : Feb 21st 4-5pm**
3. **Meter Madness Competition**
4. **General Meeting - EPA Project : Fridays 3-4pm**
5. **Scholarships available to grad and undergrad students**
6. **CWEA SFBS is hosting a Free Career Fair in Walnut Creek : Feb 20th 4-7pm**
7. **CWEA/NWEA Joint Annual Conference in Reno, NV : Mar. 31st - Apr. 3rd**

1. Site Tour at Lake Berryessa: Poll

Are you interested in learning more about the **Putah Diversion Dam and Hydroelectric Plant at Monticello Dam**? If so, AWWA (American Water Works Association) UC Davis Student Chapter is inviting you to our facility tour. To accommodate more students to attend our tour, we are sending out a poll to better choose which day to have the tour. It will take about ~3 hrs to account for travel time and the tour.

The tour will take place either the 1st or 2nd week after Spring break either on Tuesday, Wednesday, or Thursday depending on the most attendees. **Carpooling will be available and anyone is welcome!**

Fill out the poll [here](#) by Feb 28th. We hope you can join us!

2. AWWA Bowling Social

Come distress with AWWA officers and learn more on how you can get involved! We will be having officer elections in Spring Quarter and what better way to learn about the positions available than attend our Bowling Social!

When: Friday, Feb. 21st from 4-5pm

First 20 students to sign up will get to bowl for free! Sign up [here](#) to [RSVP](#)

We will also be introducing a new competition at the social: Meter Madness

3. Meter Madness Competition

What is Meter Madness?

Meter Madness is a fast-paced competition where contestants assemble a specified water meter from a bucket of parts. See [Video](#) for more information. Visit [site](#) for more information/FAQs

Who is eligible to enter?

This is an individual competition. There can be up to three from our school to participate and represent UC Davis.

What is the prize?

A plaque or trophy (to be determined by AWWA) will be awarded to each of the 1st-, 2nd-, and 3rd-place winners at the national-level competition. A crystal trophy will be provided by AWWA to the 1st-place winner, and acrylic paperweights for the 2nd- to the 4th-place winners. There is also a potential money prize.

Come learn more at our Bowling Social or General Meeting!

4. General Meeting- EPA Project

As usual we will be having our weekly meeting for the **EPA RainWorks Challenge on Friday from 3-4 pm at Ghausi 3102B**

Food will also be provided as usual

*Friendly reminder: There is no limit on how many people can be on the team, so we need all the help we can get! **All majors are welcome! So invite your friends :)**

5. Scholarships available to grad and undergrad students

" Through the CA-NV AWWA Scholarship Program, the Section and its members **encourage and support students interested in a career in a drinking water related field**. This includes environmental and civil engineers; water, wastewater and recycling treatment plant operators; distribution system operators; chemists; laboratory technicians; biologists, ecologists and environmental scientists; mechanical, electrical and plumbing trades; financiers; economists...*whatever the role that supports safe drinking water.* "

- **\$5,000 Graduate Scholarships (2)**
 - >> Dr. Pankaj Parekh Memorial Scholarship (learn more about Dr. Parekh [HERE](#))
 - >> CA-NV Section Graduate Scholarship
- **\$2,500 Undergraduate Scholarships (4)**
 - >> Melinda Rho Memorial Scholarship (1)
- **\$1,000 One AWWA Operator Scholarships (minimum of 2)**
 - >> *supports training as a drinking water treatment/distribution operator.*

DEADLINE: Sunday, March 15th

6. San Francisco Bay Section of California Water Environmental Association (CWEA SFBS) is hosting a Career Fair and dinner so students can:

- Learn about career opportunities in the water/wastewater industry
- Get to know local firms & agencies
- Develop networking skills
- Get one-on-one time with professionals.

The Career fair is **FREE!**

Sign up [here](#) to RSVP by 5PM on Tues. Feb. 18th

The one-on-one time is available if you stay for dinner. The format will be a Round Table where professionals sit at each table to talk with students. The idea is to facilitate more engaging conversations and give students a better opportunity to learn about aspects of the industry that interest them.

Tickets are \$15 for students if you wish to stay for dinner. Sign up [here](#) to RSVP by 5PM on Tues. Feb. 18th

For more information see attached flyer.

7. California Water Environment Association is hosting a Student Poster Competition at the CWEA/NWEA Joint Annual Conference in Reno, NV on Wednesday, April 1st.

The conference will consist of:

- 12:15 PM Wednesday, April 1st | SYP Lunch w/Speaker - State and Regional Roles in Building Water Resilience (FEE)
- 7:00 PM Wednesday, April 1st | SYP Networking Mixer (FEE)
- Student Poster Competition | Applications Due February 28th! There's still time.
- Scavenger Hunt at the Exhibition Hall | A trivia-investigation that has you meet industry mainstays, learn about their companies, and potentially win a prize!

Learn more about the conference here at AC.CWEA.org

If you are an undergraduate there is a **special undergraduate prize (\$150)** to encourage undergraduate participation.

This is an excellent opportunity to network with professionals in the water industry. Note that conference registration **fees are waived for all student CWEA and NWEA members**. If you have more questions about the Student Poster Competition, visit [here](#)

New Spring Quarter Courses!

Securing and Succeeding in an Engineering Job

This is a one unit career development seminar course, aimed at helping students get internships/jobs, open to any engineering student and is entitled "Securing and Succeeding in an Engineering Job". Topics include networking, effective use of LinkedIn, resume, interviewing, professional image, leadership, business communications, etc. The course provides a lot of practical tips for students in their internship/job search.

Here are the details:

CRN: 63906

ENG 098, Sec. 6

Tuesdays, 5:10pm-6:00pm

Roessler 66

MGT 198: Introduction to Innovation and Entrepreneurship

Classes: Tuesday/Thursday 10:30-11:50 a.m.

Lab/Exercises: Wednesday 6:10-7:00 p.m.

Location: 2102 Gallagher Hall

CRN: Provided upon instructor approval

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Whether you are interested in pursuing your own entrepreneurial venture or leading innovation from within a larger organization, this course helps you develop the entrepreneurial mindset, skills, and tools to recognize and pursue opportunities, address challenges, and drive ideas and businesses forward.

Based on leading research, best practices, and instructional methodology developed by the [Graduate School of Management](#) and the [Mike and Renee Child Institute for Innovation and Entrepreneurship](#), this course offers:

- An interactive format with students from all disciplines in hands-on lab sessions
- Topics including creativity, design thinking, managing uncertainty, network-building, and more
- Case studies based on companies founded by UC Davis alumni and others
- Guest entrepreneurs presenting real-world challenges and lessons learned

Designed for undergraduates in any discipline. No prerequisites.

[Link to syllabus >](#)

Admission by instructor permission. Please [read the full syllabus](#) for details on class operation and expectations, then [apply for enrollment by completing the course questionnaire](#).

For first consideration, please apply by noon on Friday, February 21.

[Apply Now](#)

Learn from leaders in research and industry.

Instructor Joe DiNunzio is the executive director of the [Mike and Renee Child Institute for Innovation and Entrepreneurship](#) and assistant adjunct professor at the GSM, where he led the IMPACT Consulting capstone course, and previously taught MBA students in New Product Development as well as Corporate Social Responsibility. DiNunzio's entrepreneurial experience includes CFO for Archer8 LLC, an augmented reality start-up focused on retail; CFO and Board Member for Harebrained Schemes, an independent game developer acquired by Paradox Interactive AB (publ); founding CEO and Board Chair of 42 Entertainment, a digital advertising and alternative reality agency; and founding CEO and Board Member of Z.com, a venture-backed digital media studio and network. DiNunzio's prior corporate work includes serving as Head of New Product Development at Walt Disney Imagineering, focused on developing theme park concepts and digital media initiatives globally; as a Principal at management consultancy Booz, Allen & Hamilton, selling and leading led client engagements in marketing and operations; and in brand management at Procter & Gamble. DiNunzio has an AB in psychology from Harvard University and an MBA from Stanford University.

Professor Andrew Hargadon has written extensively on innovation and entrepreneurship, and is at the forefront of teaching, research and practice in cross-disciplinary entrepreneurship. Hargadon serves as a professor of Technology Management and Charles J. Soderquist Chair in Entrepreneurship. He is the founding director of two key centers at UC Davis—the [Mike and Renee Child Institute for Innovation and Entrepreneurship](#) and the [Energy and Efficiency Institute](#)—and received the 2009 Olympus Emerging Educational Leader Award in recognition for his strong entrepreneurship curriculum and success with the two centers. Prior to his academic appointment, Hargadon worked as a product designer at Apple Computer and taught in the Product Design program at Stanford University. Hargadon is the author of *How Breakthroughs Happen: The Surprising Truth About How Companies Innovate* (Harvard Business School Press, 2003). His most recent book is *Sustainable Innovation: Build Your Company's Capacity to Change the World* (Stanford University Press, 2015). He received his Ph.D. from Stanford University's School of Engineering, where he was named Boeing Fellow and Sloan Foundation Future Professor of Manufacturing. He received his M.S. in mechanical engineering and B.S. in engineering from Stanford University's Product Design Program.

Davis Women in Business (DWIB) OWN IT Conference

On April 11, 2020, DWIB will be hosting their annual OWN IT conference, an event that focuses on women empowerment in the business world (and just in general!). They are proud to host several amazing women speakers, intimate sessions where students and established women can network together, and an amazing opportunity to see the possibilities of where a post-grad career can take you.

They would like to stress that though they are focused on business, they are open to any major and anyone with any interests. Additionally, though this event will focus on women, they encourage and would love to have anyone from any gender to attend our event. They welcome all, regardless of who you identify as!

You can find more information on our website: <https://www.davisownit.com/>.

You can purchase tickets on Eventbrite here: <https://www.eventbrite.com/e/davis-own-it-2020-tickets-89927147519>

If you have any questions, they are happy to answer them at daviswomeninbusiness@gmail.com.

Scholarship Opportunity

The American Public Works Association (APWA), Sacramento Chapter 2020 scholarships are now available. They provide scholarship opportunities to graduate and undergraduate students pursuing degrees in the fields of Civil Engineering, Construction Management, Urban/Transportation Planning, or other public works-focused degrees. Locally and nationally, APWA serves as an association of professionals in the public works fields to network, advocate common goals of the profession, provide continuing education, and support student interest in a public works career.

Please find the attached APWA and James C. Ray scholarship applications and announcements attached to this email. Scholarships will be posted to our website this week at <http://sacramento.apwa.net/>. The deadline is **April 10th, 2020**.

Job/Internship Opportunities

California Water Environment Association (CWEA) Career Fair

The California Water Environment Association (CWEA) San Francisco Bay Section Career Fair is this Thursday, 2/20/2020 in Pleasant Hill, CA. The career fair is free for students, and dinner is \$15 per student.

Please see attached flyer. Link for more information about CWEA SFBS: <http://sfbs.cwea.org/event/annual-career-fair-evening-with-industry-2-20/>

This is a great way to search for jobs/internships and network one-on-one with professionals in the water/wastewater industry.

Laugenour and Meikle Civil Engineering

Laugenour and Meikle Civil Engineering has the following positions available at this time

- Junior Engineer (Full time)
- Internship (Part Time)

They are looking for a Civil Engineering students, preferably with an EIT license. ACAD experience is desirable but not required. Candidates background should be Land Development, Hydraulics, Transportation or Surveying.

Their office is located in Woodland, providing a convenient commute for those finishing their degrees. Hours are flexible during school.

Please send resumes and cover letters to jobs@lmce.net

Natural Hazards Engineering Research Infrastructure (NHERI) Summer Program

The Natural Hazards Engineering Research Infrastructure (NHERI) community invites undergraduates to apply for the 2020 NSF-funded NHERI Research Experiences for Undergraduates (NHERI REU) Summer Program. Currently enrolled undergraduate students interested in mitigating the effects of natural hazards are invited to apply online at <https://www.designsafe-ci.org/learning-center/reu/>. Undergraduates with an interest in civil engineering, environmental engineering, architecture, geology, computer science, computer programming, simulation, and other related fields will greatly benefit from this research opportunity. Students will spend ten weeks working with a faculty mentor and other REU students on a research-based project at one of ten NHERI research facilities around the country.

An informational flyer is available online at https://www.designsafe-ci.org/media/filer_public/86/b7/86b7bd3f-40c9-43a8-bb8a-bdd7391611b3/reu_flyer_2020.pdf

Deadline has been extended to March 9, 2020 at 11:59pm.

Public Works Engineering Internship

A new upcoming summer engineering internship opportunity for students with the City of San Mateo. More information can be found: <https://www.calopps.org/san-mateo/job-19976395>



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