Hello Civil and Environmental Engineering Graduate Students,

I hope you have a great weekend!! Please see the announcements below:

Scholarships and Career Opportunities
- 2021 Tim Fleming Memorial Scholarship
- Post-doctoral Associate Position

Events and Programs
- Environmental & Water Resources Showcase
- Distinguished Lecture "Safe Machine Learning"
- "Picture a Scientist" Special Film Viewing and Q&A Session with Feature Scientist
- Claudia Rankine Lecture
- Graduate Students of Color (GSoC) Mentorship Program
- Info Sessions for Insight Fellows Program

Non-CEE TA Position
- RST 45

Scholarships and Career Opportunities

2021 Tim Fleming Memorial Scholarship (Attached)

Applications for the 2021 Tim Fleming Memorial Scholarship, 10th year of this scholarship are open until December 11th. This year they are planning to award (2) scholarships of $5,000 (and we have had our students win this scholarship in the past years). Tim was an outstanding engineer and volunteer who unexpectedly passed away at the young age of 51. To pay tribute to his legacy as a leader in the engineering community, this scholarship was established in his name. The scholarship is administered by the California Transportation Foundation (CTF). If you are a junior or senior, I HIGHLY recommend you apply to this scholarship! **Applications for the 2021 scholarship are due by December 11, 2020.** The application and flyer are attached. To learn more, please visit:
https://transportationfoundation.org/scholarships/

Post-doctoral Associate Position

The [Miller Research Group](#) within the Department of Mechanical Engineering encourages applications for a Postdoctoral Associate! This position will lead a 3-year NSF funded project at CU Boulder and work with a cross-disciplinary team of engineers, computer scientists, sociologists, community members, and community organizations. Position requires an earned Ph.D. in Public Health, Geography, Environmental Science, or Engineering with experience in community-based participatory research, geographical information systems, qualitative and quantitative research methods, data modeling. Spanish proficiency would be a plus.

Please see the full advertisement and the link to apply at https://jobs.colorado.edu/jobs/JobDetail/?jobId=27385

Events and Programs

Environmental & Water Resources Showcase (Attached)

The Society of Water & Environmental Graduate Students (SWEGS) is hosting the virtual EWR Showcase on November 20th from 9:00 am - 1:00 pm. As you may know, the EWR Showcase last Spring was postponed. SWEGS has reworked the Showcase for a virtual space and thus it will work a bit differently. This event will be held over zoom where 1-2 students will be assigned a breakout room to present posters on their work for 30 minute slots. Attendees will be able to jump from room to room to network with students and learn more about their work. SWEGS is inviting our industry contacts, the EWR faculty, and both new & continuing EWR graduate students. The purpose of this event is to make-up for the missed networking opportunity last spring. New & continuing EWR graduate students can [sign up to present here](#). [Shown here are some poster templates designed for virtual viewing.](#) In that template folder there are options for portrait or landscape orientations and standard or widescreen sizes. Although those posters mostly focus on the presentation of results, remember that it is also acceptable to share your research methods if you do not have results yet. If you are a new student and don't have a project to present yet, you may present past research or your undergraduate capstone project or simply join us as an attendee, either way [still RSVP](#). [The industry RSVP form is here.](#)

Distinguished Lecture "Safe Machine Learning" (Attached)

Goldwasser is the Director of the Simons Institute for the Theory of Computing and a professor of computer science at UC Berkeley. She is also the RSA Professor of Electrical Engineering and Computer Science at MIT, and a professor of computer science and applied mathematics at the Weizmann Institute of Science in Israel. Goldwasser received a B.S. in applied mathematics from Carnegie Mellon University in 1979, and M.S. and Ph.D. in computer science from UC Berkeley in 1984. Among many accolades, Goldwasser was the recipient of the ACM Turing Award for 2012. She is a member of the AAAS, ACM, NAE, NAS, Israeli Academy of Science, London Mathematical Society and Russian Academy of Science. Goldwasser will discuss how cryptography and computational learning have shared a curious history: a scientific success for one has often provided an example of an impossible task for the other. Today, the goals of the two fields are aligned. Cryptographic models and tools can and should play a role in ensuring the safe use of machine learning. Goldwasser will present this development with its challenges and opportunities.

Monday, November 9, 2020 | 11 a.m.
More info at http://bit.ly/EngineeringLecture-Goldwasser

"Picture a Scientist" Special Film Viewing and Q&A Session with Feature Scientist (Attached)

Please join us for an exciting opportunity to view the 2020 Tribeca film selection "Picture a Scientist" (10/30/20-11/2/20) and attend at Q&A session (11/4/20) with Dr. Jane Willenbring, a featured scientist in the film. Registration is required and is open to all UCDavis students, staff and faculty.
 For more information and to register please click here.

Claudia Rankine Lecture (Attached)

Join award-winning poet and essayist Claudia Rankine on Nov. 4 for a reading and lecture based on her new book, "Just Us: An American Conversation." Coming the day after the U.S. presidential election, this online event promises to bring us into a necessary conversation about what it means to interrogate white privilege, liberal politics, white male aggression and much more.

4 p.m. PST November 4, on Zoom.
Free register at manettishrem.org

Graduate Students of Color (GSoC) Mentorship Program (Attached)

The Cross Cultural Center (CCC) invites you to join us for one of our 2020/2021 Graduate Students of Color (GSoC) Mentorship Program Virtual Info Sessions. Graduate Students of Color & Faculty from across all disciplines are welcome to attend any session. Learn about who we are, how we were created, and what the format of such a mentorship program looks like! **This is a 2-quarter program.** Through faculty mentorship and other social and academic programming, the GSoC Mentoring Program holistically supports its graduate student participants as they navigate the rigors of graduate school. Click on one of the following links to register.

When: Monday, November 2nd Info 1
Thursday, November 12th Info 2
Wednesday, November 18th Info 3
Time: 5:30PM – 6:30PM PST

Sign up for our Graduate Students of Color (GSoC) listserv!
https://lists.ucdavis.edu/sympa/subscribe/gsoc

Info Sessions for Insight Fellows Program

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. Our goal is to make sure that everyone with the right skills can participate in Insight regardless of financial challenges. We 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. They're 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

Non-CEE TA Position

RST 45
Dr. Wendy Terry is seeking a 50% Teaching Assistant for RST 45 (Christianity) for winter 2021. This course begins with a review the foundations of Christianity, covering its basic doctrines and its denominational splits, then spends the second half of the term looking at its movement and global expression today through a geographical survey with case studies (showing its arrival and current expression) in South Africa, India, China, Mexico, and the United States.

The Teaching Assistant will do all course readings, watch all course lectures/videos, attend a weekly TA meeting with the supervisor and other TAs, will lead two 50-min discussion sections per week with 25 students each, and will grade the material (weekly response writings and a final response) for those students and maintain grade records via Canvas. Please include a cover letter explaining your interest and experience related to the topic and to teaching, in general.
Deadline: Friday 20 November 2020
Send to: wrterry@ucdavis.edu