

Hi CEE Graduate Students,

Please see this week's announcements below:

Professional Development

Steinberg Lab Olive Oil Study

Communications Training Workshops

Writing a Dissertation or Thesis Symposium

Job Opportunities

Tenure Track Faculty Positions in Civil and Environmental Engineering at Virginia Tech

Tenure Track Faculty Positions at Michigan Technological University

Cooling Efficiency Center Student Positions

Tenure Track Professor of Transportation Engineering at San Jose State University

Professional Development

Steinberg Lab Olive Oil Study

Steinberg lab group is currently recruiting volunteers for a study comparing how the consumption of two different olives oils affects cardiovascular disease risk markers.

Participants should be healthy non-smokers between the ages of 20-45, with no history of diabetes or other metabolic conditions and body mass index (BMI) of > 29.9. They will be asked to complete an eligibility questionnaire over Zoom, as well as a screening visit and 4 study visits at the Ragle Human Nutrition Center on campus. Participation involves eating olive oil daily and giving blood and urine samples during the 4 study visits. Compensation of up to \$200 will be provided.

More information can be found on Study Pages here, or you can copy the URL below.

<https://studypages.com/s/a-study-of-olive-oil-polyphenols-molecules-in-plant-based-food-and-cardiovascular-health-273896/>

Those interested can reach out through Study Pages or directly to tdiacova@ucdavis.edu.

Communications Training Workshops

Strategic Communications invites faculty and graduate students to join us for a 4-hour communications training that is offered once a month, for up to 10 attendees at a time, with a focus on storytelling and messaging.

The training includes data about the value of good communications to a variety of audiences—including media, legislators, donors, alumni, and other public audiences. We present data from the National Science Board, Pew Research Center, and the American Academy of Arts and Sciences about public

perceptions, attitudes and understanding about scientists. We provide best practices, tools and practice on how to deliver messages compellingly and effectively, including a hands-on tool to frame messages for specific audiences.

Participants have an opportunity to practice their messages during the session with seasoned journalists. As a benefit for those who take the 4-hour training course, Strategic Communications offers more hands-on training twice per year for free, including on-camera practice, social media tips and tools, how to deliver effective public presentations, and how to communicate about issues or crises. Staff within Strategic Communications have deep expertise and demonstrated success in good storytelling and compelling messaging. We have continued to develop our skills through COMPASS and the Alan Alda Center for Communicating Science.

Questions? Contact Dianne Stassi (dstassi@ucdavis.edu)

Writing a Dissertation or Thesis Symposium

Saturday, November 5, 2022

12:15 - 5:00pm

Graduate Center in Walker Hall

For more information and to register: <https://gradpathways.ucdavis.edu/dissertation-day-2022>

Don't miss this event! Offered only once per year, this half-day symposium is taught by the University Writing Program faculty and will cover a variety of topics and provide practical strategies for writing your dissertation or thesis.

You may attend the entire event or come for individual workshops in each session:

Check-in (11:45am - 12:15pm)

Plenary Session (12:15-1:15pm) What Does Your Advisor Want? How to Find Out.

Concurrent Session 1 - pick one (1:45-3:15pm):

- Understanding and Writing the Literature Review
- Writing Resources for Multilingual Graduate Writers
- Formulating, Focusing, and Developing Your Research Question
- Principles for Writing a STEM Thesis/Dissertation

Concurrent Session 2 - pick one (3:30-5:00pm)

- Managing Large Writing Projects
- Understanding and Writing the Literature Review
- Overcoming Writer's Blocks
- Moving from Research to Writing

Light refreshments will be provided - feel free to bring a brown bag lunch

Job Opportunities

Tenure Track Faculty Positions in Civil and Environmental Engineering at Virginia Tech

The Charles E. Via, Jr. Department of Civil and Environmental Engineering at Virginia Tech is seeking applicants for three tenure track/tenured T&R faculty positions in the following areas: civil infrastructure systems, structural engineering, and transportation engineering. Please see attachments for more information.

Tenure Track Faculty Positions at Michigan Technological University

The Department of Civil, Environmental, and Geospatial Engineering at Michigan Technological University invites applications for assistant professor tenure-track faculty positions. Applicants for the position are required to have a PhD in civil engineering or a closely related discipline. The university's Tech Forward initiatives focus on building research in autonomous and intelligent systems, data revolution and sensing, natural resources, water and energy, and sustainability and resilience. Research areas include, but are not limited to, transportation engineering (safety, data analytics, infrastructure, pavements, and systems resilience), construction engineering (sustainability, resilience, and decarbonization; automation and robotics; cyber physical systems and digital twinning), and other emerging technology areas.

To apply for this opportunity, please visit our HR webpage.

Applications are to be submitted on-line at www.employment.mtu.edu/cw/en-us/job/493053. For full consideration, complete application packages should be received by December 5, 2022. Applicants should provide a cover letter, curriculum vitae, a statement describing their research interests and future plans, a statement of their teaching interests and philosophy, and will be asked for the names of at least three professional references. In addition, applicants must submit a diversity statement that describes how their past and/or potential actions support a culture of diversity, equity, inclusion, and a sense of belonging where all members of a campus community can excel. Salary will be commensurate with qualifications and experience. Review of the applications will begin immediately.

Cooling Efficiency Center Student Positions

Job Description:

Assist Engineers at the WCEC while developing skillset in simulation, data analysis, and experimental design.

Key elements of the Student Research Assistant position include:

- Data analysis, statistical assessments, and data visualization
- Assist in the construction of experimental apparatuses, including activities such as plumbing; fabrication with wood, plastic, and metal; electrical connections; and control systems for automation.
- Presentation of work progress and research results.
- Attend regular research team meetings.
- Other duties assigned by faculty or research staff.

See more at

https://ucdavis.joinhandshake.com/stu/postings?page=1&per_page=25&sort_direction=desc&sort_column=default&query=7165970

Tenure Track Professor of Transportation Engineering at San Jose State University

The Civil and Environmental Engineering Department at San José State University (SJSU) invites applications for a tenure-track faculty position at the rank of Assistant Professor in the broad area of transportation engineering. Applicants must have a bachelor's degree in civil engineering. Applicants must also have a Ph.D. in civil engineering with a background in transportation or a Ph.D. in transportation engineering.

Candidates must demonstrate potential for excellence in teaching in classroom and laboratory settings using a variety of pedagogical techniques and technological tools to reach a diverse population. They must demonstrate an ability to create a sustainable research program in support of their retention, tenure, and promotion. The position requires excellent communication, teamwork, and interpersonal skills. The candidate's principal instructional responsibilities will be in introductory transportation engineering courses and transportation electives at both the undergraduate and graduate levels. An ability to teach in other civil engineering areas and the ability to obtain a professional license are desirable.

The Civil and Environmental Engineering Department at San Jose State University offers an ABET-accredited BS-civil engineering program and a MS-civil engineering program that is designed for working professionals. Our curriculum supports six core civil engineering disciplines and allows students to gain a wide breadth of knowledge in civil engineering. Our BS program includes coursework that give students opportunity to develop professional skills, including those in professional communication, inclusive engagement, and design. The program is supplemented with coursework and extracurricular opportunities that are designed to prepare students for professional licensure and engineering practice. The department utilizes many high-impact practices to support student success including active learning pedagogies, early introduction to discipline courses, and student engagement opportunities. Classroom instruction is complemented with many hands-on laboratory experiences, a strong culture of student club participation across disciplines, and award-winning faculty with many years of academic and industry experience. Our MS program is designed for working professionals and is a professional program that focuses on graduating engineers with excellent skills required to enter industry ready to contribute. Research opportunities are available to all students in the department and offer a wide variety of experiences.

Apply here <https://jobs.sjsu.edu/en-us/job/520200/assistant-professor-civil-engineering>