

Hi CEE Graduate Students,

Please see this week's announcements below:

Fellowships

2023 Switzer Fellowships

Professional Development

D-Lab Winter 2023

Submit an abstract to EGU session on Natural and Nature-based Features

Job Opportunities

Faculty position in Advanced Structural Materials in University of Texas Rio Grande Valley

Winter 2023 TA Opportunity | Department of Design | DES 40A

BSE Winter 2023 TA/Reader Applications

SFMTA Summer Internship Program is Now Accepting Applications for Planner and Engineers

SFEI Environmental Scientist Position

Tenure-track faculty position (Environmental/Transportation) at Florida Atlantic University

Fellowships

2023 Switzer Fellowships

The Switzer Foundation is pleased to announce that the application period for [2023 Switzer Fellowships](#) is now open!

The application deadline is January 9, 2023 at 11:59 p.m. Eastern Standard Time

The Switzer Fellowship Program

The Switzer Fellowship represents an extraordinary opportunity for selected students, supporting individuals who demonstrate exceptional leadership potential for seeking sustainable and equitable solutions to environmental problems. This year we will be selecting the 37th class of Switzer Fellows since the program was founded in 1986. Twenty fellowships are awarded each year to students who are enrolled in graduate programs at accredited institutions in the six New England states and California. Ten fellowships are awarded in New England, and **ten in California**. Switzer Fellowship awards are extremely competitive; we receive over 100 applications for the ten fellowships in each region. We strongly encourage students of color, first-generation college and graduate students, and individuals from traditionally underrepresented groups in environmental graduate programs to apply.

Eligibility:

- Applicants from both terminal Master’s degree students and doctoral students
- Master’s students who are likely to continue to a doctoral program should not apply until the doctoral stage
- PhD students must have completed at least three years of doctoral study or have passed their qualifying exams as of July 1, 2023 (no exceptions)
- Must be U.S. citizens, U.S. permanent residents, Deferred Action for Childhood Arrivals (DACA) recipients, asylees or refugees as defined by the United States Department of Homeland Security, or residents by virtue of the Dream Act of 2021
- be enrolled in an accredited graduate institution ONLY in California or one of the six New England states (ME, NH, VT, MA, CT, RI) and plan to be enrolled as a full-time student for the entire 2023-2024 academic year;

Fellowship Benefits:

- The fellowship includes a \$17,000 cash award to be paid in two installments, in June and January. Fellows are expected to participate in two multiday retreats which focus on building connections among fellows and provide fundamental leadership skills development. Applicants for the fellowship must be able to commit to attending the retreats during their fellowship year.

Deadlines and Dates:

- Completed applications (including all supporting documents) are due by 8:59 p.m. PST/11:59 p.m. EST on January 9, 2023.
- Interviews will be held virtually in mid-May. Specific dates will be announced.
- Notification: early June, 2023
- Fellowship payment dates: Late June 2023, late January 2024

Professional Development

D-Lab Winter 2023

Looking for bright undergraduates or graduates interested in learning design and feasibility study skills in a client-focused, project-based environment. (See attached flyer for more details)

Submit an abstract to EGU session on Natural and Nature-based Features

John Kucharski is a HSGG PhD student convening a session at the EGU (European Geosciences Union General Assembly) conference that will take place 23-29 April in Vienna, Austria. The session title is “Modeling and Design of Natural and Nature Based Features.” They’re soliciting abstracts related to modeling and design of natural and nature-based features (e.g., wetlands, salt marshes, dunes, etc.) to meet specific water resource objectives (e.g., reduce flooding, create habitat, improve water quality, etc.). The full session description is here: <https://meetingorganizer.copernicus.org/EGU23/session/45488>. Please consider submitting your abstract, the deadline for submission is **4AM on January 10th (so best to aim for the 9th or before)**.

Job Opportunities

Faculty position in Advanced Structural Materials in University of Texas Rio Grande Valley

The Civil Engineering Department, University of Texas Rio Grande Valley seeks applications for faculty position in an area of **Advanced Structural Materials**. <https://careers.utrgv.edu/postings/35598>

Winter 2023 TA Opportunity | Department of Design | DES 40A

Winter 2023

Two 50% TA positions available

DES 40A - Design 40A: Energy, Materials and Design Across Time
crosslisted as

SAS 43 - Science and Society 43: Energy, Materials and Design Across Time

TR 10:30-11:50 Cruess Hall 1002

You will have back-to-back sections, either from

9-11 am Fridays

4-6pm Thursdays

11am-1pm Fridays

5-7pm on Wednesdays

While the course lectures cover the discovery of new sources of energy and new materials throughout human history that altered technology and design, the sections focus on student groups picking a contemporary material or product and doing a general Life Cycle Analysis (LCA) of it. TAs work with students in their sections to research interdisciplinary journals and databases to help students discover embedded energy and material inputs used, and waste and pollution outputs produced, for chosen topics by student teams. Class projects are posted to a public website here: <http://www.designlife-cycle.com/>

If you have any knowledge about LCAs, you're a great fit for this TA position. If you don't but are interested in energy, material resources, and the effects of designing and producing on the environment, and can do interdisciplinary research, this is also a good fit for you.

Please email the professor Christina Cogdell

at cgcogdell@ucdavis.edu or christina.cogdell@gmail.com expressing your qualifications and interesting in being a TA for this class. Please attach your CV as well, listing any other courses you have already TAed for. Thank you!

You can also apply via Handshake, Job #7096825.

BSE Winter 2023 TA/Reader Applications

Biological and Agricultural Engineering is currently accepting TA applications for **Winter 2023** for ABT/LDA 150. A position description and course syllabus are attached for more information.

If you are interested in applying for this position, please find the application instructions below. Please return the application **by 8:00 a.m. Monday, 11/21/2022.**

Application process (Failure to follow application instructions may result in disqualification for any open positions.):

1. In a single PDF, include your CV/resume, transcript, and a short explanation of your interest in and qualifications for **EACH** individual course you are applying for (multiple courses can be on the same page).
2. Please name your single PDF document as follows: **LAST – W23 [Courses]**
 - a. **Example:** GREEN – W23 ABT 16, EBS 75, ENG 105
3. **Submit your application by uploading it directly into the Box folder at the following address: <https://ucdavis.app.box.com/f/099e86ee42af466a8eb22250bd1eb3dd>**

SFMTA Summer Internship Program is Now Accepting Applications for Planner and Engineers

We are currently accepting applications for San Francisco Municipal Transportation Agency's (SFMTA) summer internship program through **Monday, January 9, 2023**. Gain valuable on-the-job experience under the guidance of experienced transportation professionals. Interns will participate in transportation planning and engineering activities including:

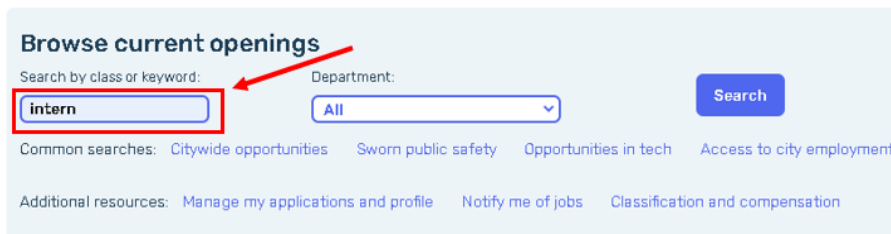
- Plan, design, and implement bicycle, pedestrian, safety, or complete streets projects
- Transit planning for Muni, the City of San Francisco's transit agency
- Perform community outreach and engagement
- Attend field trips and seminars to learn about various teams within the agency

For more information about our planning and engineering internship programs, see the attached flyers or visit our website at <https://www.sfmta.com/projects/planning-and-engineering-internship-program>.

How to apply:

Step 1. Visit careers.sf.gov

Step 2. Enter 'intern' in the search box to find a list of the intern positions



Browse current openings

Search by class or keyword: Department:

Common searches: [Citywide opportunities](#) [Sworn public safety](#) [Opportunities in tech](#) [Access to city employment](#)

Additional resources: [Manage my applications and profile](#) [Notify me of jobs](#) [Classification and compensation](#)

Step 3. Choose which SFMTA intern position/s you are interested in and submit an application. Be sure you meet the criteria for each individual position that you are applying for. The deadline to apply is January 9, 2023.

If you have any question about the program or application process, please do not hesitate to contact us at StreetsInternship@sfmta.com.

SFEI Environmental Scientist Position

<https://www.sfei.org/about/employment-opportunities>

They are looking for someone with a Masters or PhD in contaminant transport and fate (or a related subject) who will enjoy field work, including stormwater monitoring. SFEI partners with others for laboratory analysis, so this position would not include lab work. Other parts of the job include literature review, data analysis, report writing, and presenting findings to scientists and stakeholders.

Tenure-track faculty position (Environmental/Transportation) at Florida Atlantic University

Florida Atlantic University is seeking to fill a tenure track faculty position within the Department of Civil Environmental and Geomatics Engineering.

The candidate is expected to demonstrate strengths in research and teaching in one or more of the following areas: health and environmental research, subsurface geo-environmental engineering, transport modeling, remediation, transportation operations and management, artificial intelligent, and travel behavior and demand modeling, and sustainability/resilience. The Department of Civil, Environmental & Geomatics Engineering (CEGE) hosts 3 ABET accredited undergraduate programs, a Master's degree in Civil Engineering, and a Ph.D. in Transportation and Environmental Engineering with about 600 undergraduate and 65 graduate students. The faculty is highly interdisciplinary and conducts research primarily in the broad thematic areas of Urban Mobility, Infrastructure, and Sustainability/resilience.