

Hi CEE Graduate Students,

Please see this week's announcements below:

Professional Development

Spring 2023 Course - Zero Net Energy - ABT 212

Launch of Research Mentoring Program

NSF Grant Workshop at the University of California-Berkeley

Job Opportunities

Spring TA Opportunities in Sociology

Professional Development

Spring 2023 Course - Zero Net Energy - ABT 212

Path to Zero Net Energy - ABT 212

Units: 4

Spring Quarter | Tues/Thurs 2:10-4pm

CRN 30544

Prerequisites: None

Course Description: Path the Zero Net Energy is a project-based class that gives students the opportunity to help clients solve real-world problems related to energy. Project topics often range from building energy efficiency, electrification, and energy behavior & communication. Applied learning through ZNE includes but is not limited to solar thermal, solar photovoltaic, biopower, and electric vehicles. Guest speakers from UC Davis and beyond will be featured to cover the basics of building science, energy economics, and project management, as well as important developments in the conversation around ZNE such as equitable decarbonization and resiliency. Graduate and upper division undergraduate students are welcome.

For more information visit the course website, explore past projects, or join the virtual course information session on Thursday, February 16th (see attached flyer). Please direct questions to Brianna Dooley, btdooley@ucdavis.edu.

Launch of Research Mentoring Program

The COE Dean's Office is pleased announce the launch of a research mentoring program for engineering undergraduates! The Engineering Partners in Research, Inclusion, and Mentoring Experiences (E-PRIME) program will connect students who are curious about research with an engineering PhD student. The goals of E-PRIME are to broaden participation in engineering advanced study, introduce students to new

career paths, and provide teaching and mentoring development for aspiring researchers and educators. This program is supported by the supported through the Next Level Education initiative.

At this time, we are recruiting current PhD students/candidates with an interest in mentoring or teaching to serve as an E-PRIME Mentor. These mentors will meet regularly with their mentee to discuss shared research interests and goals. The pair will also identify a short-term research experience that can be completed by the end of Spring quarter.

Please check out the E-PRIME website to apply.
URL: <https://engineering.ucdavis.edu/e-prime>

NSF Grant Workshop at the University of California-Berkeley

Writing/Designing Winning NSF Proposals Live Online Workshop
February 16, 2023

7:30 a.m. to 3:00 p.m. Pacific Time

Sponsored by the Grant Training Center

The Professional NSF Grant Development live online workshop, which is normally held at the University of California-Berkeley, has moved online. It will include: the same length of instruction, interactive discussions, and one-on-ones with the instructor.

You will learn how to:

- Compose the pieces of a research grant proposal
- Understand the inner workings of NSF's Merit Review and the rating scores
- Develop and write the Intellectual Merit and Broader Impacts sections
- Package superior proposal submissions
- Avoid the fatal flaws of a grant
- Effectively write and approach resubmissions

Our ultimate goal is for you to walk away with a product specific to your interests, which includes the grant design, Summary Page and Project Plan.

Register

Job Opportunities

Spring TA Opportunities in Sociology

The Department of Sociology is seeking Teaching Assistants for spring:

SOC 007 — Race & Ethnicity

Course Description: Introduction to the sociology of race and ethnicity in the U.S., including historical changes in racial and ethnic categories, mechanisms of racism, anti-racist social movements, the role of social policy in shaping patterns of racial inequality.

SOC 148 — Collective Behavior

Course Description: Study of behavior of human crowds and masses in extraordinary circumstances, including crowd panics, mass scares, collective protests, riots, revolutionary situations, ecstatic and revivalist gatherings, crazes, fads, and fashions.

Prerequisite(s): SOC 001, SOC 002, or SOC 003 recommended.

SOC 156 — Social Movements

Course Description: Analysis of several aspects of social movements: mobilization, forms of organization, ideology, recruitment, leadership, strategies and tactics, development, effects. Frequent use of sound and film materials.

Prerequisite(s): SOC 001, SOC 002, or SOC 003 recommended.

SOC 159 — Work, Employment, & Careers in the 21st Century

Course Description: Historical and contemporary overview of employment, work, and occupations in American society. Study of authority and power relations, labor markets, control systems, stratification, and corporate structures, and how these factors shape work in diverse or organizational and employment setting.

Prerequisite(s): SOC 001, SOC 002, or SOC 003 recommended.

SOC 185 — Social Policy

Course Description: Examination of social policies that affect the well-being of individuals, families and groups, including such policies as old-age pensions, health insurance, and aid to the poor.

Prerequisite(s): SOC 001, SOC 002, or SOC 003 recommended.

These positions are in person 50% time. The TA will attend course lectures; lead two discussion sections each; maintain student records and grades; read and evaluate written and oral assignments; and proctor all exams. Additionally, the TA will hold 2 office hours per week.

Required Qualifications:

- Must have attended, or will attend prior to beginning this position, the mandatory CEE TA orientation (offered every September).
- Must complete Sexual Harassment Prevention Training online prior to beginning position.
- Must be eligible to hold a graduate academic appointment.

Preferred Qualifications:

- Undergraduate or graduate work in SOCIOLOGY or the Social Sciences
- Experience as a teacher, TA, Reader, and/or AI

Apply through Handshake Job #7460136