

CALIFORNIA STATE UNIVERSITY, LOS ANGELES

College of Engineering, Computer Science and Technology
Center of Energy and Sustainability

Fall Semester, 2024
(August 20 – December 14)

SEMINAR IN INTERDISCIPLINARY STEM RESEARCH
(ENGR 4970)

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URL: <http://catsus.calstatela.edu/>
URL: <https://www.calstatela.edu/academic/sikand/>

Course time Th 3:05 pm–4:20 pm (unless otherwise directed).

Course location: Room ET-A227 (unless otherwise indicated)

Course Webpage: <http://catsus.calstatela.edu> and CANVAS (all related electronic material will be posted here).

Office hours: By appointment only.

Textbook: No textbook required.

Course description: This course is designed for students, faculty, and others to present research findings in a seminar format.

Course objective: To provide a global perspective on the state of the art STEM research, and professional development, by promoting discussion of current topics in research and engineering by guest lecturers and staff members.

Format: Directed to all STEM undergraduate and graduate students. All CEaS-funded graduate and undergraduate students are required to present at some point in time. This class is graded (*credit/no credit*), and the grading is based on attendance.

Course grade: Your final grade will be based upon your attendance to the course: *Credit* (CR) or *No-credit* (NC).

CR $\geq 80\%$ || NC $\leq 80\%$

Tentative List of Speakers: The pool of potential speakers is below; the schedule will be posted before the first seminar occurs, and updated every two weeks.

Speaker	Affiliation/Department
A. Pacheco-Vega	ME (CREST CATSUS director)
Harry Allen	Environmental Protection Agency (EPA)
Faculty Panel	Best Lab Management Practices
Faculty Panel	How to run a successful lab and manage student researchers
Gustavo Menezes	Civil Engineering (Cal State LA)
Gisele Ragusa	Engineering Education (USC)
Jiangyu Dong	Associate Dean ECST (Cal State LA)
Stephanie August	Engineering (Cal State LA)
Dianlu Jiang	Chemistry (Cal State LA)
CREST Fellow 1	CREST-CEaS
CREST Fellow 2	CREST-CEaS
CREST Fellow 3	CREST-CEaS

Tentative Schedule: Every two weeks, on even weeks of the semester.

Course policies:

- **Attendance:** You are expected to attend and participate in every seminar. In situations in which you cannot make it to the lecture, it is **your** responsibility to inform in a timely, clearly and accurately manner to the CATSUS staff.
- **Student conduct:** Laptops are not permitted, unless there is a programmed activity requiring their use. Unless otherwise indicated, cell phones **must** be turned off or silenced during class. Also, *texting is not allowed*, unless directed by a designed activity.

Propositive questions and discussions, inside and outside the classroom, are welcome.