

CHEM 294 UNDERGRADUATE RESEARCH SEMINAR

Fall 2023

Instructor: Prof. Susumu Takahashi
LJS 152 (213) 821-3187 susumuta@usc.edu
Office Hours: Wed. 12-1 pm or appointment

Seminars/Lectures: Thu 5 – 5:50 pm, GFS 116

Course Outlines: This is an undergraduate research seminar course. The purpose of this course is to expose undergraduate students to research in stage early. The seminars will be given by the faculty in Chemistry department. CHEM294 will get you more involved in the undergraduate research programs.

The class consists of seminars and lectures. Faculty research will be presented by seminars. Each lecture will be given before a seminar to cover a couple of important foundations related to the seminar. There will be six seminars in total during the 2023 Fall semester.

Course Materials: No textbook.

Grade: You will be graded equally on two course components: Seminar reports (80 %) and seminar attendance (20 %).

After the seminar, you need to write a report, ca. ~1 page, by summarizing the contents of the seminars. The report should include descriptions of 1) the aim of the presented research projects, 2) Methods (Theory and Experiment), 3) Results and 4) Conclusion. The students should submit a report for each seminar. The deadline will be ~ 1 week after the seminar and the submission information will be posted in Blackboard. The report should be submitted via Blackboard or email to susumuta@usc.edu.

Late report will get the deduction of points (submission in less than one week after the deadline = 66 % of maximum points, submission in \leq two weeks = 33 % of maximum points and submission in $>$ two weeks = no point).

You should attend both seminars/lectures and ask questions. Ask **four questions** at least during this semester (there will be six seminars and six lectures). The questions will be counted as your attendance.

You will need to attend all seminars and complete their reports to receive “A”.

Statement on Academic Conduct and Support Systems

Academic Conduct:

Plagiarism – presenting someone else’s ideas as your own, either verbatim or recast in your own words – is a serious academic offense with serious consequences. Please familiarize yourself with the discussion of plagiarism in SCampus in Part B, Section 11, “Behavior Violating University Standards” policy.usc.edu/scampus-part-b. Other forms of academic dishonesty are equally unacceptable. See additional information in SCampus and university policies on scientific misconduct, policy.usc.edu/scientific-misconduct.

Support Systems:

Counseling and Mental Health - (213) 740-9355 – 24/7 on call

studenthealth.usc.edu/counseling

Free and confidential mental health treatment for students, including short-term psychotherapy, group counseling, stress fitness workshops, and crisis intervention.

National Suicide Prevention Lifeline - 1 (800) 273-8255 – 24/7 on call

suicidepreventionlifeline.org

Free and confidential emotional support to people in suicidal crisis or emotional distress 24 hours a day, 7 days a week.

Relationship and Sexual Violence Prevention and Services (RSVP) - (213) 740-9355(WELL), press “0” after hours – 24/7 on call

studenthealth.usc.edu/sexual-assault

Free and confidential therapy services, workshops, and training for situations related to gender-based harm.

Office of Equity and Diversity (OED)- (213) 740-5086 | Title IX – (213) 821-8298

equity.usc.edu, titleix.usc.edu

Information about how to get help or help someone affected by harassment or discrimination, rights of protected classes, reporting options, and additional resources for students, faculty, staff, visitors, and applicants. The university prohibits discrimination or harassment based on the following *protected characteristics*: race, color, national origin, ancestry, religion, sex, gender, gender identity, gender expression, sexual orientation, age, physical disability, medical condition, mental disability, marital status, pregnancy, veteran status, genetic information, and any other characteristic which may be specified in applicable laws and governmental regulations. The university also prohibits sexual assault, non-consensual sexual contact, sexual misconduct, intimate partner violence, stalking, malicious dissuasion, retaliation, and violation of interim measures.

Reporting Incidents of Bias or Harassment - (213) 740-5086 or (213) 821-8298

usc-advocate.symplicity.com/care_report

Avenue to report incidents of bias, hate crimes, and microaggressions to the Office of Equity and Diversity | Title IX for appropriate investigation, supportive measures, and response.

The Office of Disability Services and Programs - (213) 740-0776

dsp.usc.edu

Support and accommodations for students with disabilities. Services include assistance in providing readers/notetakers/interpreters, special accommodations for test taking needs, assistance with architectural barriers, assistive technology, and support for individual needs.

Campus Support & Intervention - (213) 821-4710

campussupport.usc.edu

Assists students and families in resolving complex personal, financial, and academic issues adversely affecting their success as a student.

Diversity at USC - (213) 740-2101

diversity.usc.edu

Information on events, programs and training, the Provost's Diversity and Inclusion Council, Diversity Liaisons for each academic school, chronology, participation, and various resources for students.

USC Emergency - UPC: (213) 740-4321, HSC: (323) 442-1000 – 24/7 on call

dps.usc.edu, emergency.usc.edu

Emergency assistance and avenue to report a crime. Latest updates regarding safety, including ways in which instruction will be continued if an officially declared emergency makes travel to campus infeasible.

USC Department of Public Safety - UPC: (213) 740-6000, HSC: (323) 442-120 – 24/7 on call

dps.usc.edu

Non-emergency assistance or information.