

San José State University
Department of Chemistry
Seminar, CHEM 191, Spring 2021

Instructors:	Prof. Gilles Muller	Prof. Ningkun Wang
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Office Hours:	Tuesdays 10:00 – 11:00 am Thursdays 10:00 – 11:00 am	Tuesdays 3:00 – 4:00 pm Thursdays 3:00 – 4:00 pm
Class Days/Time:	Tuesdays 4:30 pm – 5:45 pm	
Classroom:	Online	

Course Website

Course materials can be found on Canvas (<https://sjsu.instructure.com/>). The [seminar schedule](#) will also be posted on the Chemistry Department website at <http://www.sjsu.edu/chemistry/Seminars/index.html>. You are responsible for regularly checking with the messaging system in Canvas to learn any updates or changes in the schedule.

Course Description (from the course catalog)

Problem solving and presentation of topics within specialized sub-areas of chemistry by students, faculty and guests. A total of 2 units may be repeated. Prerequisite: CHEM 1B.

Course Learning Objectives

To increase your familiarity with current, on-going research at SJSU, and at other academic and industrial institutions.

Course Requirements and Assignments

Attendance

This course will be meeting **synchronously** via Zoom. You are required to attend all seminars unless you have an excused absence that must be agreed to *in advance* by one of the instructors. Please sign up on Zoom with your **full name** so the instructor can record attendance. As a courtesy to the speaker, please plan to sign on on time for the start of the seminar. Please note that the course runs until 5:45 pm, which means that even with an hour seminar, this leaves 15 minutes for questions, which is an important part of the seminar. You are required to attend the entire seminar, including questions. It is inconsiderate to the seminar speaker to leave before the seminar is completed, even during the question and answer period.

Questions for Speakers

You are required to compile a list of 2 questions for each seminar speaker. These questions should be original questions that you devise on your own. You will need to submit each set of questions to Canvas within 48 hours of the seminar (Thursdays at 6 pm). Questions that are submitted late will lose 25% per day (weekend days are

included!) so that questions submitted more than 3 days late (after 6 pm on Sunday) will receive no credit. To best construct questions that receive full credit, attendance at the entire seminar is required.

Assignments	Percent
Question list for each seminar	80
Final Project: Seminar reflection	20
Total	100

Speakers

There are 14 class periods for this course including a Welcome Reception (02/02/21). The scheduled presenters are a mixture of SJSU faculty as well as outside speakers from industry and academia. The seminar titles will be updated shortly and abstracts for the talks will generally be posted a week before each talk.

Special Notes and Makeup Policy

The seminar schedule may be changed. In such an instance, the changes will be posted on Canvas. It is your responsibility to be aware of scheduled changes.

If you miss any of the scheduled seminars or if you forget to submit your questions for a seminar that you attended, you can make-up the seminar by attending an approved alternative and submitting questions. You can attend an extra seminar earlier in the semester and “bank” it toward any later absence.

SJSU’s Credit Hour Requirement

Success in this course is based on the expectation that students will spend, for each unit of credit, a minimum of 45 hours over the length of the course (normally 3 hours per unit per week with 1 of the hours used for lecture) for instruction or preparation/studying or course related activities including but not limited to internships, labs, clinical practical. Other course structures will have equivalent workload expectations as described in the syllabus.

Final Examination or Evaluation: Seminar reflection

The culminating experience for the course will be a concise reflection (1 page, bullet point) on what makes an effective seminar, based on your observations from the seminars you have attended over the semester. A detailed prompt and rubric will be posted to Canvas. The reflection must be submitted to Canvas by 05/21/21 by 2:45 pm (the assigned final exam date and time).

Grading Information

Determination of Grades

Points will be distributed as described in Course Requirements and Assignments above. The course grade will be determined from the resulting point total as follows:

<u>Point Total</u>	<u>Final Course Grade</u>
97-100	A+
93-96.9	A
90-92.9	A-
87-89.9	B+
83-86.9	B
80-82.9	B-
77-79.9	C+
73-76.9	C
70-72.9	C-
67-69.9	D+
63-66.9	D
60-62.9	D-
< 60	F

Classroom Protocol

Be on time to seminar and stay the entire time from 4:30 to 5:45 pm as a courtesy to the speaker and your colleagues. Cell phones and other devices should be turned off for class, unless they are being used to take notes. Please engage with the seminar as this way you will gain the most from it and be able to pose good questions.

Email policy

We both receive a lot of emails, so to be sure that we see your email, all CHEM 191 emails should have CHEM 191 in the subject line and should be addressed to both instructors. We will do our best to respond to class-related emails within 1 business day of receiving them, however, keep in mind that this may not always be possible, especially during high volume times (around exams).

University Policies

Per University Policy S16-9, university-wide policy information relevant to all courses, such as academic integrity, accommodations, etc. will be available on Office of Graduate and Undergraduate Programs' [Syllabus Information web page](http://www.sjsu.edu/gup/syllabusinfo/) at <http://www.sjsu.edu/gup/syllabusinfo/>.

Seminar, CHEM 191, Spring 2021, Course Schedule

Tentative Seminar Schedule

See Canvas or the Chemistry website for the current schedule.

Week	Date	Speaker
1	2/9/2021	Dr. Marco Agostoni, Zymergen
2	2/16/2021	Dr. Caleb Bates, Fish & Richardson P.C.
3	2/23/2021	Prof. Stefan Paula, Sacramento State University
4	3/2/2021	Prof. Emily Tsui, University of Notre Dame
5	3/9/2021	Analytical Chemistry Candidate (TBD)
6	3/16/2021	Analytical Chemistry Candidate (TBD)
7	3/23/2021	Analytical Chemistry Candidate (TBD)
8	4/6/2021	Mr. Daniel Parker, San José State University
9	4/13/2021	Prof. Thomas Kurtzman, The Graduate Center, City University of New York
10	4/20/2021	Dr. Abraham Stern, Nvidia
11	4/27/2021	Mr. Aditya Malekar, San José State University
12	5/4/2021	Prof. Johannes Bauer, Sacramento State University
13	5/11/2021	Ms. Carla Marie Peralta, San José State University