

CHE450: Chemistry Seminar

Spring 2019

Class meets: Wednesday 2:30-3:30pm, 1403HN

Instructor: Professor Donna McGregor, 304 Davis
Office Hours: by appointment only
Email: donna.mcgregor@lehman.cuny.edu

Goal of the course: CHE450 is a 1 credit seminar course designed to expose you, as an undergraduate student, to the multiple facets of scientific research through a series of science seminars. The semester will consist of a combination of research seminars and a discussion of a variety of research based topics. We will also devote some time to thinking about careers in science and what it means to think critically about scientific writing or presentations.

Text: All required reading material will be made available

Grade in the course: Your course grade will be based on your attendance, active participation in the class and the completion of a final written report.

Activity	Grade	de breakdown
Total Points	.00	

Attendance and participation: (70% of grade) There are 14 required class meetings this semester. You must attend all 14 sessions to earn your participation grade. Each session is worth 3% of your grade. Your active participation is required in at east 7 of these sessions. Each session in which you actively participate is worth 4% of your grade for a total of 28%.

Final written report: (30% of grade) At the end of the semester you will be required to write a 1- to 2-page written report describing in more detail one of the areas of research that you were introduced to during the semester. This might include a general overview of the type of research conducted by one of the faculty run research labs in the chemistry department at Lehman, or a more detailed analysis of only one the of specific research projects that were presented during the semester. You may also feel free to write about scientific research that you have been involved in, either at Lehman or at an outside institution. We will discuss this assignment in more detail as the semester progresses. This report will be due on Wednesday May 16th.

Tentative Class Schedule

Date	Class Meeting Details
Jan 31	Introduction to the course
Feb 6	Faculty seminar: Prabodhika Malikaratchy (Lehman College)
Feb 13	Faculty seminar: Lauren Marbella (Columbia University)
Feb 20	Graduate student seminar: Shejla Pollozi (Lehman College)
Feb 27	Postdoctoral researcher seminar: Lina Freage (Lehman College)
Mar 6	Faculty seminar: Xi Chen (City College & Advanced Science Research Center)
Mar 13	Faculty seminar: Lisa Shah (Stony brook Univeristy)
Mar 20	Discussion about how to assess and discuss scientific presentations Sweeney Lecture on Friday Mar 22nd.
Mar 27	Faculty seminar: Wilfredo Colon (Rensselaer Polytechnic Institute)
April 3	Faculty seminar: Colin Abernathy (Sarah Lawrence College)
April 10	Faculty seminar: Brian GIBney (Brooklyn College)
April 17	Discussion about Fnal Written Report Lehman Undergrad research conference on Monday April 15th
April 24	SPRING BREAK: NO CLASS
May 1	Faculty Seminar: Julie Arslangu (Metropolitan Museum of Art)
May 8	Faculty Seminar: Elia Axinia (Lehman College) Wrap up and final written report submission