

FCH 797 Graduate Seminar in Environmental and Biochemistry

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Logistics Fridays 2:15 - 3:10/3:35 p.m. in 122 Jahn
Office Hours: by appointment or take your chances and drop by my office

Topics of the Course

1) Public Speaking

A central part of the course is about giving talks. The topic of the talk should be research related to yours, but not your research. For this course, the talk should be accessible to the entire class: a diverse group of chemists.

You will give a five minute talk and, later, a longer talk on the same topic. For those of you taking this course to satisfy the requirement of giving a public seminar, your public seminar will:

- a) be held outside of class hours, probably during the College Hour
- b) will last 45 minutes, plus time for questions
- c) will be announced to the entire campus

For those of you NOT taking this course to satisfy the requirement of giving a public seminar, your second talk will be held during class hours and probably last 20 minutes + 5 minutes for questions.

You will evaluate talks by other students orally and in writing.

2) Professional Skills

- a) Resume Writing - You will write a resume in response to a position advertisement selected from a short list provided by the instructor.
- b) Ethics in Science - We will discuss various aspects of ethics in science. You will complete training in Responsible Conduct of Research (if you have not already done so).
- c) Project management – Tools for project management will be introduced. You will use one of these tools to plan your next several months of research.
- d) Other skills to be determined

Grading

Class Participation	15%
Attendance/Participation at Public Talks	10%
Professional Skills work	25%
5-minute talk	10%
Longer talk	40%

Grading Policy

90-100%	A- to A
80-89	B- to B+
70-79	C- to C+
< 70	F

Attendance Policy

Each unexcused absence knocks 5% off your grade. Each excused absence after the first one may result in a similar deduction.

Attendance at the seven public seminars is expected. Your attendance and participation are considered as homework. Full points for participation can be earned by asking a question or making a comment at 3 of the 7 public seminars.

Very Tentative Schedule

Date	Topic	Homework Due
1/19/2018	Introduction to course and giving a talk on a paper/research topic	
1/26/2018	Constructing a presentation – a case study	Notes on Prezi
2/2/2018	Four 5-min talks (+ discussion)	Bob Moesch, Sierra Jech, Tyler Coccarelli, Aulia Azizah
2/9/2018	Four 5-min talks (+ discussion)	Adrienne Phillips, Khoa Lam, Christine Beshay, Kris Grohn
2/16/2018	Four 5-min talks (+ discussion)	Dariya Getya, Schafer, Shelby Coleman, Weiyao Gu,
2/23/2018	Resume Writing	
3/2/2018	Safety - SOPs	Your resume
3/9/2018	Ethics in science & research	RCR certification
3/16/2018	Ethics in science & research	
3/23/2018	Spring Break	
3/30/2018	To be determined	
4/6/2018	To be determined	
4/13/2018	Two 20-minute talks	
4/20/2018	Two 20-minute talks	
4/27/2018	One 20-minute talk Course Evaluation	

Inclusive Excellence Statement

As an institution, we embrace inclusive excellence and the strengths of a diverse and inclusive community. During classroom discussions, we may be challenged by ideas different from our lived experiences and cultures. Understanding individual differences and broader social differences will deepen our understanding of each other and the world around us. In this course, all people (including but not limited to, people of all races, ethnicities, sexual orientation, gender, gender identity and expression, students undergoing transition, religions, ages, abilities, socioeconomic backgrounds, veteran status, regions and nationalities, intellectual perspectives and political persuasion) are strongly encouraged to respectfully share their unique perspectives and experiences. This statement is intended to help cultivate a respectful environment, and it should not be used in a way that limits expression or restricts academic freedom at ESF.

Students with Learning and Physical Disabilities

SUNY-ESF works with the Office of Disability Services (ODS) at Syracuse University, which is responsible for coordinating disability-related accommodations. Students can contact ODS at 804 University Avenue- Room 309, 315-443-4498 to schedule an appointment and discuss their needs and the process for requesting accommodations. Students may also contact the ESF Office of Student Affairs, 110 Bray Hall, 315-470-6660 for assistance with the process. To learn more about ODS, visit <http://disabilityservices.syr.edu>. Authorized accommodation forms must be in the instructor's possession one week prior to any anticipated accommodation. Since accommodations may require early planning and generally are not provided retroactively, please contact ODS as soon as possible.

When you are Struggling

As noted in the ESF [Student Handbook](#), there are offices at ESF available to **provide academic support, as well as career and mental health counseling**. The Division of Student Affairs (110 Bray Hall, 470-6660) can provide help and guide you to resources. The Counseling Services Office (105 Bray Hall, 470-4716) can also assist and **confidentiality is assured**.

If you are absent for several days due to hospitalization, emergency, or other critical incident, the Division of Student Affairs can assist in these instances to coordinate notification to instructors.