



Chemistry Colloquium

The University of Toledo
Department of Chemistry & Biochemistry, College of Natural Sciences and Mathematics
Chem 6920/8920

Instructor:	Joseph Schmidt	Offered:	Spring 2021
Email:	joseph.schmidt@utoledo.edu	Course Website:	Department colloquium webpage
Office Hours:	n/a	Class Location:	WebEx
Office Location:	WO 3277	Class Day/Time:	MW 4:00 PM (and occasional Fridays)
Instructor Phone:	(419) 530-1512	Credit Hours:	1

Seminar and Colloquium committee: Dr. Wohlever, Dr. Karunarathne, Dr. Schmidt

CATALOG/COURSE DESCRIPTION*

Chemistry Colloquium

Presentations on research or current literature.

COURSE OVERVIEW

This course is designed to introduce students to various contemporary research topics in chemistry. Through lecture series from invited speakers, students will get a first look at some of the most exciting research conducted in prestigious and successful laboratories around the world. Colloquium is also the venue for public thesis and dissertation defenses.

Due to Covid-19, the course will be held remotely via WebEx. A link to the meeting will be sent out before each talk. The schedule for colloquium can be found at the website below.

https://www.utoledo.edu/nsm/chemistry/seminar_collog/colloquia-spring-2021.html

STUDENT LEARNING OUTCOMES*

Upon completion of the course, students should be able to think independently and creatively on how these seminars can help their own research. Students should also be able to utilize up to date chemical techniques and methods to solve their independent research problems.

Students presenting a thesis or dissertation defense should be able to effectively communicate their research accomplishments to a room full of chemists with varying degrees of expertise in their field.

TEACHING METHODOLOGY

Series of internal and external speakers with cutting edge research presentations followed by question and answer period.

PREREQUISITES AND COREQUISITES*

none

TEXTS AND ANCILLARY MATERIALS*

none

TECHNOLOGY REQUIREMENTS

Due to Covid-19 and the large size of this course, students must have the ability to attend a WebEx session.



ACADEMIC POLICIES*

[Undergraduate Policies: http://www.utoledo.edu/policies/academic/undergraduate/](http://www.utoledo.edu/policies/academic/undergraduate/)

[Graduate Policies: http://www.utoledo.edu/policies/academic/graduate/](http://www.utoledo.edu/policies/academic/graduate/)

- Attendance is required and expected.
- Bringing a sharp and curious mind to every lecture series is the best way to learn.
- In consideration for the invited speakers and your fellow students, please arrive on time.
- For WebEx presentations, **please make sure you are muted and your video is off**. Ask your questions by using the chat feature in WebEx or by voice after the host calls upon you.

COURSE EXPECTATIONS

Attend colloquium and actively participate in question and answer section. Students will be given priority in the question and answer section.

OVERVIEW OF COURSE GRADE ASSIGNMENT*

For most students, grades of satisfactory or unsatisfactory will be assigned based on attendance records. Only 2 unexcused absences are allowed.

Students defending their thesis will be given a traditional letter grade. Defenses are evaluated in each of the categories in the table below on a scale of 1 (worst) to 5 (best). Students will receive the average faculty scores in each of these fields, as well as compiled comments and an overall letter grade.

Introduction
Explains motivation/hypothesis for research project
Explains how thesis project relates to overall field
Demonstrates expert level knowledge of the field
Content
Explanation of experimental methods
Explanation of control experiments
Explanation of results
Critical evaluation of data
Conclusions
Conclusions are supported by adequate data
Explains significance of results in context of existing literature
Presentation skills
Overall organization and flow
Presentation is easy to follow and understand
Presented at a level appropriate for trained scientists who may not be specialists
Completely and effectively answers questions



Vocal intonation, volume, and pace
Eye contact and engagement with audience
Quality, clarity, and effective use of visuals
Presentation length

Midterm Grading*

Students with 2 unexcused absences at the midterm will be still have a satisfactory grade, but will receive a warning e-mail.

Final Grading*

Three unexcused absences will result in an unsatisfactory grade.

UNIVERSITY POLICIES***Policy Statement on Non-Discrimination on the Basis of Disability (ADA)***

The University is an equal opportunity educational institution. Please read [The University's Policy Statement on Nondiscrimination on the Basis of Disability Americans with Disability Act Compliance](#).

Students can find this policy along with other university policies listed by audience on the [University Policy webpage](http://www.utoledo.edu/policies/audience.html/#students) (<http://www.utoledo.edu/policies/audience.html/#students>).

Academic Accommodations*

The University of Toledo embraces the inclusion of students with disabilities. We are committed to ensuring equal opportunity and seamless access for full participation in all courses. For students who have an accommodations memo from Student Disability Services, I invite you to correspond with me as soon as possible so that we can communicate confidentially about implementing accommodations in this course. For students who have not established affiliation with Student Disability Services and are experiencing disability access barriers or are interested in a referral to healthcare resources for a potential disability or would like information regarding eligibility for academic accommodations, please contact the [Student Disability Services Office](#) (<http://www.utoledo.edu/offices/student-disability-services/>) by calling 419.530.4981 or sending an email to StudentDisability@utoledo.edu.

ACADEMIC AND SUPPORT SERVICES*

Please follow this link to view a comprehensive list of [Student Academic and Support Services](#) (<http://www.utoledo.edu/studentaffairs/departments.html>) available to you as a student

SAFETY AND HEALTH SERVICES FOR UT STUDENTS*

Please use the following link to view a comprehensive list [Campus Health and Safety Services](#) available to you as a student

COURSE SCHEDULE*

https://www.utoledo.edu/nsm/chemistry/seminar_colloq/colloquia-spring-2021.html