

CHM1490: Physical Chemistry Seminar

Course Syllabus, Fall/Winter 2023/2024

Co-ordinator:

Prof. R.J. Dwayne Miller, LM 245, dmiller@lphys2.chem.utoronto.ca

Note: E-mail is preferred. Only messages from UofT accounts will garner responses.

Website: The syllabus, on-line seminar feedback form, and course announcements are/will be posted on Quercus. Log in with your UTORid at: q.utoronto.ca

Seminar Location and Time: Seminars will generally take place every week during term at 11am on Tuesdays. Exceptions will be noted on the Seminar Schedule, maintained on Quercus.

ACKNOWLEDGEMENT OF TRADITIONAL LANDS

We wish to acknowledge this land on which the University of Toronto operates. For thousands of years, it has been the traditional land of the Huron-Wendat, the Seneca and, most recently, the Mississaugas of the Credit River. Today, this meeting place is still the home to many Indigenous people from across Turtle Island and we are grateful to have the opportunity to work on this land.

Seminars will be held in-person in Davenport East (Lash Miller: LM380)

The situation could always evolve, up-to-date instructions will be available on Quercus.

Minimum Technical Requirements: A platform capable of accessing Quercus.

Course Description: This seminar series provides graduate students with the opportunity to learn about contemporary research in Physical and Theoretical Chemistry and hone their skills as scientific communicators. It also serves as a forum for M.Sc. students to present their [exit seminar](#), and for Ph.D. students to [present their research](#) (typically in years 2&4 of their program). Seminars will also be given by experts in the field on a range of associated topics. Students are also expected to attend Departmental Colloquia sponsored by faculty in Physical Chemistry or Chemical Physics. Relevant seminars and colloquia from other chemistry disciplines may occasionally be recommended. Training in the preparation and delivery of a research seminar will be provided.

Course Evaluation: Students will be evaluated on a credit/no-credit basis based on their participation, which will be monitored by the course co-ordinators. All students are required to attend seminars regularly and encouraged to ask questions.

A course coordinator will provide feedback on each student presentation via 1) a brief informal discussion to occur immediately after the presentation, and/or 2) in written form thereafter, if requested by the student with additional feedback from peers in a constructive informal discussion.

Students with diverse learning styles and needs are welcome in this course—please discuss in-class accommodations and supports with the instructor. However, accommodations involving assessment will generally require consultation with a University Disability Counsellor. Accordingly, students are encouraged to register with [Accessibility Services](#) as soon as possible, to ensure that there is time to make arrangements.

In a similar spirit, the University provides reasonable accommodation of the needs of students who observe religious holy days other than those already accommodated by statutory holidays. Students have a responsibility to alert members of the teaching staff in a timely fashion to upcoming religious observances and anticipated absences and instructors will make a reasonable effort to avoid scheduling synchronous activities at these times.

Equity, Diversity, and Inclusion:

The University of Toronto is committed to equity, human rights and respect for diversity. All members of the learning environment in this course should strive to create an atmosphere of mutual respect where all members of our community can express themselves, engage with each other, and respect one another's differences. U of T does not condone discrimination or harassment against any persons or communities.

It is our collective responsibility to create a space that is inclusive and welcomes discussion. Discrimination, harassment, and hate speech will not be tolerated. If you have any questions, comments, or concerns, we encourage you to reach out to the staff in our [Equity Offices](#).

ADDITIONAL SERVICES & SUPPORT

The following are some important links to help you with academic and/or technical service and support:

- School of Graduate Studies' Policies and Guidelines
- Full library service and resources on conducting online research through University of Toronto

Libraries and [University Libraries Research](#)

- Resources on academic support from the [Academic Success Centre](#)
- Learner support at the [Writing Centre](#)
- Information for [Technical Support/Quercus Support](#)

Copyright & Video Recording:

Elements of this course, including your participation during seminars, may be recorded on video and made available to students in the course for asynchronous viewing after each session.

Course videos and materials belong to your instructor, the University, and/or other sources depending on the specific facts of each situation and are protected by copyright. Please do not copy or share any course or student materials/videos without the explicit permission of the instructor.

For questions about the recording/use of videos in which you appear, please contact a co-ordinator.

Academic Integrity is fundamental to learning and scholarship. Students are expected to be familiar with the University of Toronto's [Code of Behaviour on Academic Matters](#)—particularly Section B.i.1., which gives examples of student actions considered an offence against the Code.