

Instructor: Rory Waterman, rory.waterman@uvm.edu, 656-0278
Office: Innovation E334

Meeting time: Fridays 11:30 AM – 12:30 PM in Rowell 115.

Office hours: Stop by my office as needed or feel free to make an appointment.

Course description: A survey of the current chemical literature for inorganic chemistry.

Diversity Statement: Regardless of the external factors that isolate people by various identities, and there are many, the aim of graduate education is to make the students the intellectual peers of faculty. Having conversations about science is a key part of this process. That effort fails if we do not have an environment where all voices are equal and heard. I take responsibility for creating and maintaining that environment. Please help me in that process where I may be unaware of a problem that you are experiencing or perceiving. I acknowledge that I am always learning to be more supportive of all and welcome your feedback.

Technical support for students: Students, please read this technology check list to make sure you are ready for classes. <https://www.uvm.edu/it/kb/student-technology-resources/>

Students should contact the Helpline (802-656-2604) for support with technical issues.

Learning Objective: The end goal of this course is to help students develop/present a poster. To do this, students will need to develop/hone presentation skills. Moderating a discussion is also a bonus skill from the deal.

Selection of papers

Chemistry

Suggested journals*General interest journals

The Journal of the American Chemical Society
Angewandte Chemie
Chemical Science
Chemistry. A European Journal
Chemistry. An Asian Journal
Chemical Communications
Bulletin of the Japanese Chemical Society
Chemistry Letters
Accounts of Chemical Research
Science
Nature
Nature Chemistry

General inorganic journals

Inorganic Chemistry
Dalton Transactions
European Journal of Inorganic Chemistry
Inorganica Chimica Acta
Inorganic Chemistry Communications
Comments on Inorganic Chemistry

More specialized journals

Nature Materials
Journal of Materials Chemistry
Journal of Bioinorganic Chemistry
Chemistry of Materials
Langmuir
Organometallics
Journal of Organometallic Chemistry
Polyhedron
Phosphorus, Sulfur, Silicon and the Related Elements
Journal of Catalysis
Journal of Molecular Catalysis

This is not a complete list! Take articles from wherever you see fit.

*You may wish to avoid lengthy reviews (*Chem. Rev.* or *Chem. Soc. Rev.*) for time.

- Academic support for online courses: <https://www.uvm.edu/academicsuccess/online>

[This link](#) offers information on grading and GPA calculation.

Religious Holidays:

Students have the right to practice the religion of their choice. If you need to miss class to observe a religious holiday, please submit the dates of your absence to me in writing by the end of the second full week of classes. You will be permitted to make up work within a mutually agreed-upon time. The complete policy is [here](#).

Promoting Health & Safety:

The University of Vermont's number one priority is to support a healthy and safe community:

[Center for Health and Wellbeing](#)

[Counseling & Psychiatry Services \(CAPS\)](#) Direct Phone Line: (802) 656-3340

C.A.R.E. If you are concerned about a UVM community member or are concerned about a specific event, we encourage you to contact the Dean of Students Office (802-656-3380). If you would like to remain anonymous, you can report your concerns online by [visiting the C.A.R.E. Team website](#).

Alcohol and Cannabis Statement:

Statement on Alcohol and Cannabis in the Academic Environment

As a faculty member, I want you to get the most you can out of this course. You play a crucial role in your education and in your readiness to learn and fully engage with the course material. It is important to note that alcohol and cannabis have no place in an academic environment. They can seriously impair your ability to learn and retain information not only in the moment you may be using, but up to 48 hours or more afterwards. In addition, alcohol and cannabis can:

- Cause issues with attention, memory and concentration
- Negatively impact the quality of how information is processed and ultimately stored
- Affect sleep patterns, which interferes with long-term memory formation

It is my expectation that you will do everything you can to optimize your learning and to fully participate in this course.