



## Department of Chemistry Seminar

# *Spring Senior Thesis Talks*

All are welcome! This is an excellent opportunity to learn about research in the Chemistry department.

Friday, May 2nd, 2025  
2:00 pm (MDT)  
Lopez 106

Note: This will be an in-person seminar, so we highly encourage you to please join us at Lopez 106.



### Thesis Presenters:

**Alivia Abernathy** | *“Does area per lipid predict oxygen permeability in a lipid bilayer composed of a single lipid type?”*

**Zachary Collier** | *“Healing with Polymers: Chitosan-Alginate-PMAA Hydrogel Wound Dressing ”*

**Chandler Lyon** | *“A Pseudo-Quantitative Analysis of the Qualitative Properties of the Dehydration of Sucrose via Sulfuric Acid”*

**Isabella Martinez Pruet** | *“Crystal Engineering of Self-Assemblies with Diverse Interactions”*

**Jordan McMillan** | *“Dextrosil-Viologen as a Potential High Performance Anolyte for Redox Flow Batteries”*

**Kieran Moss** | *“New Insight into Conductive Polymer Film Growth via In Situ Video Microscopy ”*

**Jaqueline Regalado** | *“Degradation, transformation and toxicological implications of Metformin and its Degraded Products”*