

# INORGANIC CHEMISTRY SEMINAR



## Professor Anne McNeil

Department of Chemistry and Macromolecular Science, University of Michigan

### “Synthetic Approaches to Sustainable Polymers”

**Abstract:** Plastics have completely transformed our lives, while at the same time having a significant negative impact on our environment. Our research is aimed at developing synthetic approaches to more sustainable polymers. This talk will highlight two projects ongoing within our group. In one, we aim to make a processable, thermoplastic that fully degrades back to monomer after use in a fully closed loop. In the other, we aim to use synthetic chemistry to give a current high-production-volume plastic a second life, attenuating its impact on the environment.

Wednesday, February 24<sup>th</sup> 2021

UCLA College | Physical Sciences  
Chemistry & Biochemistry

More information [jzabala@chem.ucla.edu](mailto:jzabala@chem.ucla.edu)

4:00 p.m. | ZOOM