

**Last updated - January 2025**

**Katy Splan**

Title: Research in Bioinorganic Chemistry

Description: The field of bioinorganic chemistry studies the role of metal ions and metal-containing compounds in biology and medicine. My lab currently focuses on the engineering of metalloenzyme catalysts capable of catalyzing reactions not found in nature. Students participating in the research gain in-depth experience in protein biochemistry and spectroscopic methods for protein characterization and measurement of enzyme activity. Students interested in working during Summer 2025 should schedule a meeting with me prior to submitting an application to discuss the projects, summer scheduling, and research responsibilities in more detail. I will be hiring up to 2 students.