Mentor: Professor Marc Porosoff
“Synthesis and characterization of heterogeneous catalysts for CO2 hydrogenation”

Mentor: Professor Astrid Mueller
“Bimetallic nanocatalysts for efficient electroreduction of CO2 to methanol”

Mentor: Professor David Foster
“Computational Fluid Dynamics of Complex Mixing”

Mentors: Professor Alexander Shestopalov and Professor Lewis Rothberg
“Hydrolytic stability of carbene functionalized silicon surfaces”

Mentor: Professor Wyatt Tenhaeff
“Development of Multifunctional Binders for Lithium Ion Battery Cathodes”

Mentor: Professor Mitchell Anthamatten
“Quantification of Real Time Optical Retardance of Sheared Polymer Solutions by Photoelastic Modulation”

Mentor: Professor Matt Yates
“Design and synthesis of polymers that enhance photonic detection of harmful chemicals”