



**Chemistry 501**  
**Seminar Schedule**  
**Fall 2022**  
**Seminar Chair: Dr. Brian Long**

Seminar Date	Guest Speaker	Host
Aug 25	<b><u>Dr. Tomonori Saito</u></b> – Oak Ridge National Laboratory “Closed-loop Circularity of Plastics by Chemical Upcycling”	Dr. Brian Long
Sept 15	<b><u>Jerry Yang</u></b> - University of California San Diego “Synthetic Approaches to Control Transport Across Membranes”	Dr. Mike Best
Sept 22	<b><u>Dr. Christian Brueckner</u></b> - University of Connecticut “The Breaking and Mending of Porphyrins: Synthesis of Porphyrinoids Incorporating Non-pyrrolic Heterocycles”	Dr. Viktor Nemykin
Sept 29	<b><u>Dr. Elsa Yan</u></b> - Yale University “Probing Hydration Structures of Biomolecules at Interfaces”	Dr. Tessa Calhoun
Oct 13	<b><u>Dr. David Shultz</u></b> - North Carolina State University “Using Metal Complexes of Biradical Ligands to Understand Electron Transport and Rectification”	Dr. Ben Xue
Oct 20	<b><u>Dr. Brian Long</u></b> - University of Tennessee “Macromolecular Chemistry and Catalyst Design in the Long Research Group”	Dr. Alexi Sokolov
Oct 27	<b><u>Dr. Thomas Russell</u></b> – University of Massachusetts “Structuring Liquids”	Dr. Bin Zhao
Nov 3	<b><u>Dr. Yoan Simon</u></b> – University of Southern Mississippi “Branching Out: A Tale of How to Handle Tangents in Polymer Science”	Dr. Brian Long
Nov 10	<b><u>Dr. Mike Pluth</u></b> – University of Oregon “Chemical Tools for Investigating Biological Reactive Sulfur Species”	Dr. Joshua Baccile
Nov 17	<b><u>Dr. Hans Bechtel</u></b> - Lawrence Berkeley National Laboratory “Committing SINS and Other Acts of Infrared”	Dr. Jan Musfeldt
Dec 1	<b><u>Dr. Sharani Roy</u></b> - University of Tennessee “Theoretical Models of Chemical Processes at Surfaces and Interfaces”	Dr. Craig Barnes

**Buehler 555**                      **4:30 – 5:45pm**  
**Refreshments: 4:15pm, Buehler 513**