# Chemistry 501

**Seminar Schedule**

**Fall 2022**

**Seminar Chair: Dr. Brian Long**

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