



## FALL 2021 CHEM501 SEMINAR SCHEDULE

**BUEHLER 555 4:30-5:45PM**

**CHAIR: DR. THANH D**

<b>AUG 19</b>	<b>Speaker: Dr. John McLean, Vanderbilt University</b>	<b>Host: Dr. Thanh Do</b>
<i>"High dimensional molecular phenomics in systems, synthetic, and chemical biology: Mapping your life and everything else"</i>		
<b>AUG 26</b>	<b>Speaker: Dr. Heather J. Kulik, MIT</b>	<b>Host: Dr. Konstantinos Vogiatzis</b>
<i>"Putting Density Functional Theory to the Test in Machine-Learning Accelerated Discovery for Transition Metal Chemistry"</i>		
<b>SEPT 2</b>	<b>Speaker: Dr. Chris Ziegler, University of Akron</b>	<b>Host: Dr. Viktor Nemykin</b>
<i>"Innovation with an old reagent: Isoindoline as a platform for new materials"</i>		
<b>***PLEASE NOTE THAT THIS SEMINAR HAS BEEN MOVED TO 11:30AM IN BU300</b>		
<b>SEPT 9</b>	<b>Speaker: Dr. Mike Burkart, University of CA-San Diego</b>	<b>Host: Dr. Constance Bailey</b>
<i>"Chemical biology of carrier protein-dependent metabolism"</i>		
<b>SEPT 16</b>	<b>Tenure Talk: Dr. Bhavya Sharma</b>	<b>Host: Dr. David Jenkins</b>
<i>Illuminating the Brain: Development of Raman Spectroscopic Methods for Neurochemical Sensing</i>		
<b>SEPT 23</b>	<b>Speaker: Dr. Martin Kirk, University of New Mexico</b>	<b>Host: Dr. Ben Xue</b>
<i>"Donor-Acceptor Systems Provide Insight into Charge Separation, Charge Transport, and Excited State Processes"</i>		
<b>OCT 7</b>	<b>Tenure Talk: Dr. Sharani Roy</b>	<b>Host: Dr. Craig Barnes</b>
<i>"Theoretical Models of Chemical Processes at Surfaces and Interfaces"</i>		
<b>OCT 14</b>	<b>Speaker: Dr. Darci Trader, Purdue University</b>	<b>Host: Dr. Josh Baccile</b>
<i>"Methods to Evaluate and Perturb the Activity of the Human Proteasome with Small Molecules"</i>		
<b>OCT 21</b>	<b>Speaker: Dr. Brett Helms, Lawrence Berkeley Lab</b>	<b>Host: Dr. Brian Long</b>
TBA		
<b>OCT 28</b>	<b>Speaker: Dr. Pingyun Feng, University of CA-Riverside</b>	<b>Host: Dr. Sheng Dai</b>
<i>"Crystalline Porous Materials Synthesis, Properties and Applications"</i>		
<b>NOV 4</b>	<b>Speaker: Dr. Hans Bechtel, Lawrence Berkeley Lab</b>	<b>Host: Dr. Musfeldt</b>
<i>"Committing SINS and Other Acts of Infrared"</i>		
<b>NOV 18</b>	<b>Speaker: Dr. Jerry Yang, University of CA-San Diego</b>	<b>Host: Dr. Mike Best</b>
<i>"Synthetic Approaches to Control Transport Across Membranes"</i>		

