

Physical (Trumbower Hall Room 311) Presentation Schedule

- 9:00** [Surface Hydroxylation: A Key Factor in Controlling Hydrogen Spillover Surface Coverage](#)
Margaret Hollobaugh
Pennsylvania State University
- 9:20** [Excitation Wavelength-dependent Degradation of Methyl Orange with Methyl Viologen as Electron Acceptor under Varying Protonation States](#)
Vanessa Elias
Lehigh University
- 9:40** [Detection and Quantification of Carboxylic Acids in Complex Solutions](#)
Johnathan Ragazzo
University of Maryland, Baltimore County
- 10:00** [Understanding the Chemistry of Si/SiO₂ Interfaces](#)
Jing Yan
Lehigh University
- 10:20** [Stability of MoS_xNa and MoS_xLi \(x=1-4\) through structural optimization](#)
Tiffany Zheng
Penn State University - Harrisburg
- 10:40** [Characterization of Schiff-base Metal Complexes as On-Off Fluorescent H₂S Sensors](#)
Emily Pozsgay
McDaniel College
- 11:00** [Esterified ABDA as a Reliable Probe for Singlet Oxygen Generation in Metal-Organic Frameworks](#)
Aeon Kaplowitz
University of Maryland, Baltimore County
- 11:20** [Lewis Acidity and Role of pH on Phosphate Bond Hydrolysis](#)
Elizabeth Madden
Temple University
- 11:40** [Effect of solvents on the frequency of alkynes from MD simulations.](#)
Emmalyn Song
Haverford College
- 12:00** [Room-temperature, sonochemical synthesis of ss-DNA functionalized gold nanoparticles](#)
Patricia Olsen
Thomas Jefferson University