

Fall 2023 Seminar Series

Friday @ 3pm | Biodesign Auditorium

- 8/24** **Po-Lin Chiu** Arizona State University—P&T Seminar—1:00pm
"Unraveling biomolecular complexity using electron imaging"
- 8/25** **Matthias Heyden** Arizona State University—P&T Seminar—1:00pm
"Translating Anharmonic Molecular Vibrations into Information"
- 8/31** **Petr Sulc** Arizona State University—P&T Seminar—1:00pm
"Multiscale modeling of nucleic acid nanotechnology and the quest for the holy grail of self-assembly"
- 9/1** **Scott Sayres** Arizona State University—P&T Seminar—1:00pm
"Tuning the Ultrafast Energy Flow in Molecular Scale Materials"
- 9/7** **Abhishek Singharoy** Arizona State University—P&T Seminar—1:00pm
"Recipes for marrying chemical physics with informatics to study biomolecular complexity"
- 9/8** **Wade Van Horn** Arizona State University—P&T Seminar—1:00pm
"There and back again: Navigating cool and hot studies of molecular thermosensing proteins"
- 9/15** **Ariel Furst** Massachusetts Institute of Technology
"Bio-inspired systems for sustainability and clean energy"
- 9/22** **Veronica Augustyn** North Carolina State University
"Proton-coupled Electrochemical Reactions of Metal Oxides for Aqueous Energy Storage and Conversion"
- 9/29** **Ku-Lung (Ken) Hsu** University of Texas
"SuTEx chemistry: applications for chemical biology and protein ligand discovery"
- 10/6** **Adrian Roitberg** University of Florida
"Machine Learning in Chemistry: Cheap and Accurate Energies and Forces in molecular systems. Uses in conformational searches and free energy calculations."
- 10/13** **Matt Weber** University of Notre Dame (hosted by Petr Sulc & Nick Stephanopoulos)
"Designing Bio-Inspired Soft Matter through Dynamic Recognition Motifs"
- 10/20** **O'Keeffe Lecture: Steve Granick** University of Massachusetts - Amherst
(hosted by Dmitry Matyushov & Matthias Heyden)
"Some Puzzles and Research Opportunities in Soft Matter Science Engineering"
- 10/27** **Elizabeth Bess** University of California, Irvine (hosted by Jeremy Mills)
"Finding Catalysts of Gut Reactions: The Gut Microbiota in Disease Onset and Treatment"
- 11/3** **Michael Marty** University of Arizona (hosted by Wade Van Horn)
"Revealing Membrane Protein-lipid Interactions with Native and Lipidomic Mass Spectrometry"
- 11/16** **Eyring Lecture: Chad Mirkin** Northwestern University (hosted by Christina Birkel) Marston Theater
"Foundational tools, techniques, and materials as outputs of the modern age of nanotechnology"
- 11/17** **Eyring Lecture: Chad Mirkin** Northwestern University (hosted by Christina Birkel) Biodesign Theater
"Repurposing the Blueprint for Life Through Colloidal Crystal Engineering with DNA"
- 12/1** **Shuguang Zhang** Massachusetts Institute of Technology (hosted by Hao Yan)
"The Simple QTY Code for Protein Design"