

**SFSU Department of Chemistry and Biochemistry**  
**Seminar Schedule for Spring 2019**  
**All Seminars meet on Weds 4:00 – 4:50pm in TH 335**

<u>DATE</u>	<u>SPEAKER</u>	<u>TITLE</u>
Jan 30	Dr. Teaster Baird	Advising Seminar
Feb 6	Brandon Wood, LLNL	Probing complex interfaces for renewable production and storage of hydrogen
Feb 13	Yat Li, UCSC Dept of Chemistry and Biochemistry	Hierarchical Porous Carbon Structures for Supercapacitors
Feb 20	Abe Wolcott, SJSU	Modification of nanoscale diamond surfaces, synchrotron-based surface science, and the world's most sensitive magnetometer
Feb 27	Marc Anderson, SFSU	Small molecule inhibition of therapeutically relevant chloride channels: TMEM16A and Slc26a3 ("DRA")
Mar 6	Korin Wheeler, Santa Clara University	From Nano to Nature: the biochemical transformations of nanomaterials in the body and environment
Mar 13	Stefan Koenig, Genentech	Green Chemistry Illuminates the Path Forward
Mar 20	Jeff Neaton, UC Berkeley-Physics	<b>TBA</b>
Mar 27	<b><i>Spring Break</i></b>	<b><i>No seminar</i></b>
Apr 3	Andy Franz, University of the Pacific	Solution Conformation of Oligosaccharides with 1,6-Glycosidic Linkages
Apr 10	Igor Vorobyov, UC Davis	Exploring molecular mechanisms of cardiac arrhythmia via atomistic modeling and simulations
Apr 17	James Miranda, Sacramento State	Adventures in Organic Electrochemistry: Mechanism and Heterogeneous Catalysis
Apr 24	Glenn Millhauser, UCSC	How Metal Ions in the Brain Tip the Toxic Balance of the Killer Prion Protein
May 1	Chester Simocko, SJSU	Controlling Polymer Morphology through the Primary Structure
May 8	Sebastien Hamel, LLNL	Machine Learning Potentials
May 15	David Strubbe, UC Merced	Materials for sun and space: insights from first-principles calculations
May 22	<b><i>Exam week</i></b>	<b><i>No seminar</i></b>