

# Spring 2019 Seminar Series

**Maurice Lecture Hall – Mellon Hall – 3:00 p.m.**

Date	Speaker	Title
January 25	Jennifer Glenn DU Chem/Biochem	<i>"Synthesis and Magnetic Properties of Li<sub>2</sub>MnGeS<sub>4</sub> Single Crystals Grown via Iodine Vapor Transport"</i> Aitken Research Group
	Gabby Pros DU Chem/Biochem	<i>"MAPping our way towards greener catalysis"</i> Evanseck Research Group
February 1	A.J. Craig DU Chem/Biochem	<i>"Synthesis and Physicochemical Characterization of Quaternary Lithium-Containing Sulfides"</i> Aitken Research Group
	A.J. Rupprecht DU Chem/Biochem	<i>"Surface Initiated Atom Transfer Radical Polymerization (SI-ATRP) for Corrosion Resistant Surfaces"</i> Gawalt Research Group
February 8	Thomas Albrecht-Schmitt, Ph.D. Florida State University	<i>"Hund's Rules Are Merely Suggestions: How Relativity Modifies Electronic Structure in Heavy Elements"</i> Hosted by Dr. Jennifer Aitken Sponsored by Spectroscopy Society of Pittsburgh
February 15	Dustin Brown DU Chem/Biochem	<i>"Effects of Macromolecular Crowding on Enzyme Function"</i> Seybert Research Group
	Sean Fischer DU Chem/Biochem	<i>"Analysis of poly(methyl acrylate) and poly(methyl methacrylate) co-polymers using electrospray tandem mass spectrometry"</i> Wetzel Research Group
February 22	Oswaldo Gutierrez, Ph.D. University of Maryland	<i>"Combining Theory and Experiment to Develop Sustainable Strategies for C-C Bond Formations"</i> Hosted by Dr. Thomas Montgomery Sponsored by Society of Analytical Chemists of Pittsburgh
March 1	Jennifer Armen DU Chem/Biochem	<i>"The investigation of the C9orf72 (G4C2)<sub>n</sub> Hexanucleotide Repeat Expansion in ALS and FTD and its interactions with g-PNA Molecules"</i> Gawalt Research Group
	Liz Castellano DU Chem/Biochem	<i>"Mapping the Extracellular Loops of SERT &amp; Identification of Fluoxetine-SERT Interactions using CX-MS"</i> Cascio Research Group
March 8	No Seminar	Spring Break
March 15	No Seminar	GS Symposium
March 22	David Lapinsky, Ph.D. Hosted by Dr. Mike Cascio	<i>"Finding the 'Lead Domino' for Chemical Biology-Mediated Drug Discovery"</i>
March 29	Weier Hao DU Chem/Biochem	<i>"Quantification of Persistent Organic Pollutants in Human Whole Blood Using Stir Bar Sorptive Extraction, GC/MS/MS, and Isotope Dilution Mass Spectrometry"</i> Kingston Research Group
	Mike Novak DU Chem/Biochem	<i>"Controlled Radical Polymerization of Methacrylate-Based Polymers and Their Characterization Using Electrospray-Ionization Tandem Mass Spectrometry"</i> Wetzel Research Group
April 5	Amy Carlson DU Chem/Biochem	<i>"The Surface Chemistry of TiO<sub>2</sub>: Achieving Experimental Accuracy and Predicting Alloy Oxide Behavior Through Computational Models"</i> Evanseck Research Group
	Josh Imperatore DU Chem/Biochem	<i>"Investigating the Effect of Various FMRP Isoforms on microRNA Biogenesis"</i> Mihailescu Research Group
April 12	Ashley Blystone DU Chem/Biochem	<i>"Triple Functionalization of Titanium Aluminum Vanadium for Orthopedic Implant Applications"</i> Gawalt Research Group
	Kendy Pellegrine DU Chem/Biochem	<i>"Interactions of fragile-x mental retardation protein and C9orf72 repeat expanded RNA"</i> Evanseck Research Group
April 19	No Seminar	Easter Break
April 26	TBA	