

Fall 2018 Seminar Series

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

*Africa Room – Union – 1:00 p.m. to 5:30 p.m.

Date	Speaker	Title
September 7	David Collum, Ph.D. Cornell University	<i>"Structure-Reactivity-Selectivity Relationships of Synthetically Important Alkali Metal Enolates"</i> Hosted by Dr. Thomas Montgomery
September 14		<i>14th Annual Mini Symposium on Metals in Biological & Chemical Systems*</i>
September 21	Michael Cascio, Ph.D. Duquesne University	<i>"Crosslinking-Mass Spectrometry to Examine Membrane Protein Allostery"</i>
September 28	Casey Wade, Ph.D. The Ohio State University	<i>"Postsynthetic Functionalization of MOFs for Catalysis and Trace CO₂ Capture"</i> Hosted by Dr. Aaron Bloomfield
October 5	Nick Ferraro DU Chem/Biochem	<i>"Differential state-dependent crosslinking of azi-cholesterol with human $\alpha 1$ glycine receptor using mass spectrometry"</i> Cascio Research Group
	Jeremiah Jamrom DU Chem/Biochem	<i>"Development of Quantitative Blood Cards for Diagnosis of Autism Spectrum Disorder by Means of Isotope Dilution Mass Spectrometry"</i> Kingston Research Group
October 12	Christopher Donnelly, Ph.D. University of Pittsburgh	<i>"Photokinetic induction of TDP-43 proteinopathy reveals an RNA-independent mechanism of aggregation"</i> Hosted by Dr. Rita Mihallescu
October 19	Cassie Hanley DU Chem/Biochem	<i>"Combined Experimental and Computational Investigation of "Exotic" Gas-Phase Actinide Species"</i> Van Stipdonk Research Group
	Maddy Tatosian DU Chem/Biochem	<i>"The investigation of the C9orf72 (G4C2)_n Hexanucleotide Repeat Expansion in ALS and FTD and its interactions with g-PNA Molecules"</i> Mihallescu Research Group
October 26	James Kasting, Ph.D.	<i>"Mass-independent fractionation of sulfur isotopes and implications for Earth's early atmosphere"</i>
November 2	Maria Schumacher, Ph.D.	<i>"Guanine nucleotide signaling through transcription"</i>
November 6	Josh Snyder, Ph.D.	<i>"A Twinkling in Time: Ultrafast Spectroscopy of Photocyclization & DNA-Silver(I) Nanomaterials"</i>
November 9	Justin Lomont, Ph.D.	<i>"Dynamically Evolving Structures of Toxic Amyloid Oligomers in Real Time"</i>
November 13	Doran Bennett, Ph.D.	<i>"Photosynthetic light harvesting: From molecules to membranes"</i>
November 16	Stephanie Valleau, Ph.D.	<i>"Role of environment and evolution on exciton transport and kinetics"</i>
November 23	No Seminar	<i>Thanksgiving Break</i>
November 27	Elizabeth Simmons Thrall, Ph.D.	<i>"Overcoming Obstacles: Visualizing How the DNA Replication Machinery Bypasses DNA Damage"</i>
November 30	No Seminar	
December 7	Kayce Tomcho DU Chem/Biochem	<i>"Refining Glycine Receptor Allostery using Single Cys mutations and CXM"</i> Cascio Research Group
	Mark Recznik DU Chem/Biochem	<i>"Geometric and Energetic Behavior in Complexes of Dual Hydrogen-Bond Donors with Dioxide Acceptors"</i> Evanseck Research Group