

## Seminar Schedule Spring 2025

Department of Chemistry and Biochemistry

Eastern Illinois University

Feb. 26	<b><u>Anthony C. Aya</u></b> C-N cross coupling reactions using Nickel and Visible light
Mar. 10	<b><u>Drake A. Katt</u></b> Mitochondrial Uncouplers for Treatment of Obesity and Metabolic Dysfunctions
Mar. 12	<b><u>George D. Kacos</u></b> Exploring BEP Relationships in the Predictive Modeling of PFAS Transition States
Mar. 24	<b><u>Morgan F. Drozs</u></b> Reduction of Amyloid Plaques in Alzheimer's Disease Models Using YIAD Compounds
Mar. 26	<b><u>Charlie R. Stauffer</u></b> Chemical Kinetic Modeling: Thermal Decomposition of Ethyl Ester Flavorings During Vaping
	<b><u>Preston J. Siewert</u></b> Intermolecular Forces of Self-Assembled Tetrahedral-shaped Cages
Mar. 31	<b><u>Ty S. Hanlan</u></b> Manganese Oxide Hybrid Lipid Nanoparticles Enhance the Efficacy of mRNA and Cancer Vaccines via Oxygen Generation and cGAS - STING Pathway
Apr. 2	<b><u>Genevieve L. Biberdorf</u></b> Mechanistic Insights Into the CYP2A6-Mediated Hydroxylation of Coumarin
	<b><u>Noah S. Kubbs</u></b> In vivo study of effects of H <sub>2</sub> on lipid metabolism in the liver

Key:

Green Junior seminar

Purple Senior seminar