

## Dept of Chemistry & Biochemistry Seminar Schedule Spring 2024

Date	Speaker/ Title
Mon Jan 29 <sup>th</sup>	<b>Dr. Philip McKittrick, Jr</b> ( Ecolab ) A Talk in Two Parts: A Career In and Out of the Lab and Industrial Problem Solving with Infrared Spectroscopy.
Mon Feb 5 <sup>th</sup>	<b>Dr Tatiana Esipova</b> ( Loyola University of Chicago) Development of Heavy Atom-Free Photocatalysts for Chemical Reactions.
Weds Feb 21 <sup>st</sup>	<b>Mr. George Kacos</b>
Mon Feb 26 <sup>th</sup>	<b>Mr. Kaleb Scott</b> CuPDF and Cu/PdQNF, New and Modifiable Catalytic Clicks
Weds Feb 28 <sup>th</sup>	<b>Ms. Ty Hanlan</b> Hyaluronic Acid Conjugates for Topical Treatment of Skin Cancer. <b>Mr. Kegan Kirts</b> A Potential New Look at the Ion Distribution on the Surface of Electrolytes.
Mon Mar 4 <sup>th</sup>	<b>Ms. Dez Bonds</b> Closing the CO <sub>2</sub> Loop by Converting CO <sub>2</sub> into Cyclic Carbonates Using a Tannic Acid Catalytic Eutectic System. <b>Mr. Austin Long</b> Using Continuous Flow Chemistry to Reduce the Manufacturing Issues of the Anesthesia Propofol.
Weds Mar 6 <sup>th</sup>	<b>Mr. Foster Amoah</b> Lanthanide-dope Upconversion Nanocrystals Fused with Conjugated Polymers for Dual Tumor Therapy Based on Photodynamic/photothermal Effect.
Mon Mar 11 <sup>th</sup>	<b>Mr. Deep Patel</b> Disrupting Biofilms and Quenching Quorum Sensing using Hybrid <i>N</i> -Acylcysteines
Weds Mar 13 <sup>th</sup>	<b>Mr. Chinedu Okoro</b> In-depth Analysis of Ni-Photocatalyzed C-N Cross-Coupling: Probing Energy Transfer Mechanisms in State-of-the-Art Catalytic Systems.
Mon Mar 25 <sup>th</sup>	<b>Ms. Stella Ajewole</b> Chemoimmunotherapy Nanomedicine Based on Cucurbituril and Pillararene containers.
Weds Mar 27 <sup>th</sup>	<b>Mr. Ryan McCulla</b> ( St. Louis University )
Mon Apr 1 <sup>st</sup>	<b>Mr. Luke Flaig</b> Development of Pyrimidine Based CDC42 GTPase Inhibitors for Cancer Treatment.
Weds Apr 3 <sup>rd</sup>	<b>Ms. Alana Vinson</b> Therapeutic and Physiological Implications of Cereblon-Mediated C-Terminal Imide Degradation.
Mon Apr 8 <sup>th</sup>	<b>Mr. Sam Eccles</b> Determination of Benson Group Additivity for PFAS Molecules using Computational Methods.
Weds Apr 10 <sup>th</sup>	<b>Ms. Raiven Jones</b> Using Antimicrobials for the Treatment of Seborrheic Dermatitis.
Mon Apr 15 <sup>th</sup>	<b>Ms. Makenzie Walk</b> Chemical Biology Approaches to Study Enzymatic Activity.
Weds Apr 17 <sup>th</sup>	<b>Mr. John Ebinger</b> Decoding the Pyrolysis of Perfluorooctanoic acid (PFOA).
Mon Apr 22 <sup>nd</sup>	<b>Dr. Chris Arnatt</b> ( St. Louis University )

External Speaker

Graduate Seminar

Senior Seminar

Junior Seminar