

DEPARTMENT OF CHEMISTRY

Organic Chemistry and Chemical Biology Seminar Series

Spring 2014

Tuesdays at 2:00 PM
NSC 684

February 18

Mr. Vamsee Veeramachineni, Chemistry Department, University at Buffalo
PhD Research Presentation:
"Formation of Acyl-phosphate Enzyme Intermediate during Isomerization
Catalyzed by 5-methylthioribose-1-phosphate Isomerase"

March 11

Mr. Timothy Liwosz, Chemistry Department, University at Buffalo
PhD Research Presentation:
"Copper-Catalyzed Functionalization of Alkenes: Carboamination, C-H
Amination and C-H Alkylation Reactions"

March 25

Prof. Laura Anderson, Department of Chemistry, University of Illinois at Chicago
"Synthetic Versatility of N-O Bond Rearrangements"

April 15

Prof. Lynn Kamerlin, Dept. of Cell and Molecular Biology, Uppsala Univ., Sweden
"Chemically-Driven Protein Evolution in Enzymes that Catalyze Phosphoryl
Transfer"

April 22

Mr. Mark Kline, Chemistry Department, University at Buffalo
PhD Research Presentation:
"Shape-persistent Oligoamide Macrocycles – Discovery, Structural Modification,
Self-Assembly and Function"

April 29

Ms. Svetlana Kholodar, Chemistry Department, University at Buffalo
PhD Research Presentation:
"DXP Reductoisomerase: Dissecting the Function of the Nonreacting Phosphate
Group Using Alternative Substrates and Kinetic Isotope Effects"

May 6

Ms. Xiaoxi Wei, Chemistry Department, University at Buffalo
PhD Research Presentation:
"Self-Assembling Organic Nanopores as Synthetic Channels with Tunable
Functions"