

DEPARTMENT OF CHEMISTRY

Organic Chemistry and Chemical Biology Seminar Series

Fall 2013

Tuesdays at 2:00 PM

NSC 684

**unless otherwise noted*

September 17

Prof. Jeffrey Atkinson, Department of Chemistry, Brock University
“Lipids at the Drive-Thru: Phospholipid Membrane Recognition by Lipid Transfer Proteins”

October 8

Prof. Heidi M. Muchall, Dept. of Chemistry and Biochemistry, Concordia University
“Valuable Insight into Organic Reaction Mechanisms from Computed Electron Densities”

October 22

Prof. Lea Michel, Department of Chemistry, Rochester Institute of Technology
“Assessing the Orientation of Vaccine Candidate P6 in Nontypable Haemophilus Influenzae”

October 29

Ms. Margaret Moynihan, Department of Chemistry, University at Buffalo
PhD Research Presentation:
“Mechanism-based Inhibition by 3-Nitropropionate Unmasks Cysteine as the General Base for Catalysis of Isocitrate Lyase from *Mycobacterium Tuberculosis*”

November 5

Prof. Mark Nitz, Department of Chemistry, University of Toronto
“The Production and Inhibition of Biofilm Related Exopolysaccharides”

November 19

Ms. Kathryn Manning, Department of Chemistry, University at Buffalo
PhD Research Presentation:
“Highly Precise Kinetic Isotope Effects by 2D NMR: Insight on the Transition State of 1-Deoxy-D-xylulose-5-phosphate Reductoisomerase”

December 3

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