

DEPARTMENT OF CHEMISTRY

Organic Chemistry and Chemical Biology Seminar Series

Spring 2012

Tuesdays at 2:00 PM
NSC 684

- January 31 **Prof. Anthony Auerbach**, Dept. of Physiology & Biophysics, Univ. at Buffalo
"Design and Control of Acetylcholine Receptors"-- It's Mainly Single-Molecule Kinetics
- February 21 **Ms. Bogdana Goryanova**, Department of Chemistry, University at Buffalo
Ph.D. Research Presentation: *Orotidine Monophosphate Decarboxylase: Study of the Mechanism of Stabilization of the Reaction Intermediate*
- February 28 **Prof. Daniel J. Weix**, Department of Chemistry, University of Rochester
No More Nucleophiles: Direct Cross Coupling of Electrophiles
- March 13 **Prof. Tetsuya Satoh**, Department of Applied Chemistry, Osaka University
Chelation-Assisted Oxidative C–H Functionalization under Transition-Metal Catalysis
- March 20 **Mr. Michael Bovino**, Department of Chemistry, University at Buffalo
Ph.D. Research Presentation: *The Copper(II) Catalyzed Enantioselective Aminohalogenation of Unactivated Alkenes*
- March 27 **Prof. Robert Bartha**, Department of Medical Biophysics, Robarts Research Institute, University of Western Ontario
Paramagnetic Chemical Exchange: Shifting Sights for In-vivo MRI
- April 3 **Mr. Justin Bolton**, Department of Chemistry, University at Buffalo
Ph.D. Research Presentation: *Synthesis and Self-Assembly of Asymmetric Bottlebrush Copolymers*
- April 10 **Prof. Kenneth E. Maly**, Department of Chemistry, Wilfrid Laurier University
Synthesis and Self-Assembly of Novel Polycyclic Aromatic Hydrocarbons
- April 17 **Mr. Benjamin Turnpenny**, Department of Chemistry, University at Buffalo
Ph.D. Research Presentation: *Intra/Intermolecular Copper (II) Catalyzed Diamination of Alkenes*
- April 24 **Mr. Edgars Jecs**, Department of Chemistry, University at Buffalo
Ph.D. Research Presentation: *Total Synthesis of Amphidinolide P*
- May 1 **Ms. Alexandra Orchard**, Department of Chemistry, University at Buffalo
Ph.D. Research Presentation: *Novel Chalcogenorhodamine Compounds with Myriad Applications*