

DEPARTMENT OF CHEMISTRY

Organic Chemistry and Chemical Biology Seminar Series

Fall 2012

Tuesdays at 2:00 PM
NSC 684

September 18

Prof. Jonathan F. Lovell, Biomedical Engineering Dept., University at Buffalo
*New Biocompatible Supramolecular Structures Formed from Porphyrins
and Metalloporphyrins*

October 2

~~**Prof. John Richard**, Dept. of Chemistry, University at Buffalo
Enzyme Activation by Ligand-Gated Conformational Changes~~

Cancelled

October 23

Prof. Yingfu Li, Dept. of Chemistry and Chemical Biology, McMaster University
Friend or Foe? Unlocking the Mystery of Bacterial Toxin-Antitoxin Systems

October 30

Dr. AnnMarie C. O'Donoghue, Dept. of Chemistry, Durham University
*Triazolium Catalysis of the Benzoin and Stetter Reactions: New
Mechanistic Insights*

November 6

Prof. Todd Holyoak, Department of Biology, University of Waterloo
*The Coupling of Conformational Equilibria and Enzyme Function in
Phosphoenolpyruvate Carboxykinase*

November 13

Dr. Peter Fuller, Merck Research Laboratories, Boston, MA
An Aldol-Based Approach Toward Aflastatin A

November 27

Mr. Avinash Muppidi, Dept. of Chemistry, University at Buffalo
Ph.D. Research Presentation: *Conformationally Rigidified Peptide Helices
Through the Cysteine-Based Side Chain Cross-Linking*

December 4

Ms. Sarina Dorazio, Dept. of Chemistry, University at Buffalo
Ph.D. Research Presentation: *Paramagnetic Iron(II) Complexes as MRI
ParaCEST Contrast Agents*