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 via Distantly Located Conformational Changes  

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