

DEPARTMENT OF CHEMISTRY

Organic Chemistry and Chemical Biology Seminar Series

Fall 2009

Tuesdays at 2:00 PM

NSC 684

*(unless noted otherwise)

September 10
*(Thursday at
12:00 Noon)

Prof. David M. Birney, Dept. of Chemistry and Biochemistry, Texas Tech University
"Pseudopericyclic Reactions – Adventures on Potential Energy Surfaces"

September 15

Prof. Joseph E. Wedekind, Dept. of Chemistry and Biophysics, University of Rochester
"Case Studies of Functional RNA Molecules: From Metabolite Recognition to Catalysis"

September 22

Ms. Shonoi A. Barnett, Department of Chemistry, University at Buffalo
"Studies on the Mechanism of Action of OMP Decarboxylase"

September 30
*(Wednesday at
12:00 Noon)

Prof. Daniel Seidel, Department of Chemistry and Chemical Biology, Rutgers, The State University of New Jersey
"Enantioselective Organocatalysis and the Study of Redox Neutral Reaction Cascades"

October 6

Prof. Douglas H. Turner, Department of Chemistry, University of Rochester
"Modeling Secondary and Local 3D Structure of an R2 Retrotransposon"

October 13

Prof. Sidhu Sachdev, Terrence Donnelly Centre for Cellular & Biomolecular Research, University of Toronto
"Deciphering and Modulating Cellular Signaling with Combinatorial Biology"

October 20

Dr. Kazuhiro Yamato, Department of Chemistry, University at Buffalo
"Aggregation and Binding Study of Shape-Persistent Oligomers"

October 27

Prof. Andrew Murkin, Department of Chemistry, University at Buffalo
"Enzymatic Transition States from Kinetic Isotope Effects: Blueprints for Inhibitor Design"

November 3

Dr. Pavel Tsitovich, Department of Chemistry, University at Buffalo
"Microarrays to Study Antibiotic Resistance"

November 10

Prof. Eric D. Brown, Department of Biochemistry and Biomedical Sciences, McMaster University
"Chemical Genomics: Charting Chemical-Genetic Interactions in Bacteria"

November 17

Ms. Wenjiao Song, Department of Chemistry, University at Buffalo
"A Tetrazole-Based Bioorthogonal Reaction for Protein Imaging in Live Cells"