

# DEPARTMENT OF CHEMISTRY

## Organic Chemistry and Chemical Biology Seminar Series

# Spring 2010

Tuesdays at 2:00 PM  
NSC 684

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- February 2      **Prof. Debashis Ghosh**, Hauptman-Woodward Research Institute  
"The Unique Biochemistry of Androgen Aromatization by Cytochrome P450 Aromatase:  
A Structural Perspective"
- February 9      **Prof. John Richard**, Department of Chemistry, University at Buffalo  
"Structure-Reactivity Effects on Proton Transfer Reactions: Brønsted Coefficients and Kinetic  
Isotope Effects"
- February 23     **Prof. Kevin Burgess**, Department of Chemistry, Texas A&M University  
"Fluorescent Probes for Multiplexed Intracellular Imaging"
- March 2        **Dr. R. Jason Herr**, Medicinal Chemistry Dept., Albany Molecular Research, Inc.  
"Tales from the Chemistry Skunk Works: Academic Projects Run in an Industrial Setting"
- March 30      **Mr. Brandon Calitree**, Department of Chemistry, University at Buffalo  
"Generating Renewable Energy Using Rhodamine Analogues"
- April 6        **Dr. Deepak Shukla**, Kodak Research Labs, Eastman Kodak Company  
"Effect of Configurational Control on Charge Mobility in Naphthalene Diimide-Based Organic  
Field Effect Transistors"
- April 13      ~~**Prof. Nancy I. Total**, Department of Chemistry, Syracuse University  
"Carbon-Carbon Bond Forming Reactions of 2-Methylenetetrahydropyrans"~~
- April 20      **Prof. Kathleen L. Berkner**, Molecular Cardiology Dept., Lerner Research Institute,  
Cleveland Clinic  
"New Insights into the Mechanism of Vitamin K-dependent Protein Carboxylation,  
a Complex Process with Broad Physiological Impact"
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