



Johns Hopkins University Chemistry Department  
The Ephraim and Wilma Shaw Roseman Colloquium Series

**Spring 2008**

**Remsen Hall 233 – Tuesdays, 4:15 pm**

For more information contact Rosalie Elder, 410-516-7432

<http://chemistry.jhu.edu/colloquia.html>

*The schedule can be downloaded in pdf or html format.*

February 12 <i>Karlin</i>	Professor Luigi G. Marzilli Louisiana State University	“Neglected Ligands Offer Nearly Unlimited Horizons in Inorganic Chemistry”
February 19 <i>Hendrickson</i>	Professor Katherine Franz Duke University	“Manipulating Metal-Catalyzed Oxidative Stress”
February 26 <i>Townsend</i>	Professor Steven Bruner Boston College	“Structure and Chemistry of Nonribosomal Peptide Natural Product Biosynthesis”
March 4 <i>Roth</i>	Professor David Silverman University of Florida	“Proton Transfer in Rapid Enzymatic Catalysis: Superoxide Dismutase and Carbonic Anhydrase”
March 18 <i>Fairbrother</i>	Professor Stacey Bent Stanford University	“Understanding and Exploiting Molecular Bonding at the Semiconductor Surface”
March 25 <i>Bowen/Fairbrother</i>	Professor Scott L. Anderson University of Utah	“Supported Catalysts with Atomic Control”
April 1 <i>Tovar</i>	Professor Karen L. Wooley Washington University, St. Louis	“Commonalities in Synthetic Methodologies for the Preparation of Well-defined Nanostructured Materials Having Strikingly Different Characteristics: Anti-fouling coatings for implementation in the marine environment and discrete nanoparticles for in vivo medical applications ”
April 8 <i>Bowen</i>	Professor Elliot Bernstein Colorado State University	“Neutral Metal and Metal Oxide Clusters as Model Catalytic Systems–Experiments and Calculations”
April 15 <i>Greenberg</i>	Dr. Daniel H. Appella NIDDK, NIH	“Synthetic Molecules that Control Binding to Nucleic Acid”
April 29 <i>Greenberg</i>	Professor Yinsheng Wang University of California, Riverside	“Chemistry and Biology of DNA Damage Induced by Reactive Oxygen and Reactive Carbonyl Species”