

Marquette University Chemistry Department Presents: 2008 Spring Colloquium

All lectures to be held at 4:00 p.m. on Friday's, unless otherwise noted, in Room 121 of the Todd Wehr Chemistry Building, 535 North 14th Street (Refreshment will be served at 3:40 P.M.). Call (414) 288-3515 for more information.

- Jan 25** **Iron and Ruthenium Catalyzed Hydrogenation Reactions**
Prof. Hairong Guan
Department of Chemistry, University of Cincinnati
- Feb 1** **Solvent Impact on the Photophysical Properties of Benzophenone Derivatives**
Prof. Sarah J. Schmidtke
Department of Chemistry, The College of Wooster
- Feb 8** **TBA**
Prof. Matthew B. Zimmt
Department of Chemistry, Brown University
- Feb 22** **TBA**
Prof. Jeremy Smith
Department of Chemistry, New Mexico State University
- Feb 29** **Synchrotron Infrared Microspectroscopy Imaging Using a Multi-Element Detector (IRMSI-MED) for Diffraction-Limited Chemical Imaging**
Prof. Carol Hirschmugl
Department of Physics, University of Wisconsin-Milwaukee
- Mar 7** **Melt Intercalation/Exfoliation of Polystyrene-Sodium Montmorillonite Nanocomposites using Sulfonated Polystyrene Ionomer Copatibilizers**
Prof. R. A. Weiss
Institute of Materials Science, University of Connecticut

- Mar 28** **The Peculiar Mechanism of Action of Isoniazid, and the Multiple Forms of Resistance Exhibited by M. Tuberculosis**
Dr. John Blanchard
Department of Biochemistry, Albert Einstein College of Medicine
- Apr 4** **Electronic Structure and Spectroscopic Properties of Ferric Heme-Nitrosyls as a Function of the Trans Ligand to NO**
Prof. Nicolai Lehnert
Department of Chemistry, University of Michigan
- Apr 11** **TBA**
Prof. Claudio Verani
Department of Chemistry, Wayne State University
- Apr 18** **Nakamoto Lecture
Lesions in DNA Subunits: Foundational Studies of Molecular Structures and Energetics**
Prof. Henry F. Schaefer III
Department of Chemistry, University of Georgia
- Apr 25** **Diphosphine Isomerization and Bond-Activation Sequences in the Triosmium Cluster
Os₃(CO)₁₀(bpcd)**
Prof. Michael G. Richmond
Department of Chemistry, University of North Texas
- May 2** **Undergraduate-Sponsored Biochemistry Lecture
TBA**
Prof. Joseph Vogel
Department of Molecular Microbiology, Washington University School of Medicine
- May 9** **Enzyme Mechanisms in Pseudomonas Alginate Biosynthesis and Quorum Sensing**
Prof. Peter Tipton
Department of Biochemistry, University of Missouri-Columbia