DEPARTMENT OF CHEMISTRY Presents: 2014 Spring Colloquium

Jan 17  “Roaming Radicals”
Dr. Larry Harding, Argonne National Laboratory, Chicago (SAR)

Jan 31  “Quantum Confined Semiconductors for Solar Photon Energy Conversion”
Dr. Matthew C. Beard, National Renewable Energy Laboratory, Colorado (JH)

Feb 07  “Water oxidation chemistry of photosystem II and artificial systems”
Dr. Gary Brudvig, Yale University, New Haven (JH)

Feb 14  “The Critical Roles of Ligand and Protein Dynamics in Drug Metabolism by Cytochromes P450”
Dr. Arthur G. Roberts, College of Pharmacy, Univ. of Georgia, Athens (JRK)

Feb 21  “Main group metal compounds as catalysts”
Dr. Aaron D. Sadow, Iowa State University, Ames (CSY)

Feb 28  “Chemical Synthesis of Polyhalogenated Natural Products”
Dr. Chris Vanderwal, University of California - Irvine (CD)

Mar 07  “Spin and Zero-field Spin Polarization Effects on Electron and Energy Transfer Processes”
Dr. Jim McCusker, Michigan State University, East Lansing (AF)

Mar 21  “Structure, Dynamics and Inhibition of Tiam1 PDZ Domain Complexes”
Dr. Ernesto Fuentes, Dept. of Biochemistry, Univ. of Iowa, Iowa City (EK)

Mar 28  “Dynamics studies on high dimensional ab initio potential energy surfaces”
Dr. Joel Bowman, Emory University, Atlanta (DB)

Apr 04  “TBD”
Dr. David A. Tirrell, California Institute of Technology, Pasadena (CT)

Apr 11  “Intermediate channeling in pyruvate carboxylase, a multifunctional biotin-dependent enzyme”
Dr. Martin St. Maurice, Dept. of Biological Sciences, Marquette Univ. (AF)

Apr 25  “Synthesis and structure-function analysis of photosensitizer-catalyst solar fuels assemblies”
Dr. Karen Mulfort, Argonne National Laboratory, Chicago (JH)

May 02  “Photocatalysis with Visible Light”
Dr. Tehshik Yoon, University of Wisconsin – Madison (CD)

All lectures to be held at 4:00 p.m. on Fridays, unless otherwise noted, in Room 121 of the Todd Wehr Chemistry Building, 535 North 14th St. Refreshments will be served at 3:45 PM in Room 121. For more information call (414) 288-3515.