



MARQUETTE
UNIVERSITY

DEPARTMENT OF CHEMISTRY Presents: 2010 Spring Colloquium

Friday Seminars

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| Jan 29 | "Three-Coordinate Iron Complexes: Synthesis, Electronic Structure, and Insights into Nitrogenase Pathways"
Professor Patrick Holland, Department of Chemistry,
University of Rochester (AF) |
| Feb 5 | "Diastereoconvergent Route toward Donor-Acceptor Cyclopropanes via Formal Substitution Reaction"
Professor Mikhal Rubin, Department of Chemistry,
University of Kansas (WAD) |
| Feb 12 | "Photoinduced Rearrangement and Energy Flow in Small Polyatomic Molecules in Solution"
Professor Alexander Tarnovsky, Department of Chemistry,
Bowling Green State University (SAR) |
| Feb 19 | "TBA"
Professor Mark Ratner, Department of Chemistry,
Northwestern University (RR) |
| Feb 26 | "Chalcogen Activation by Monovalent Nickel"
Professor Charlie Riordan, Department of Chemistry
and Biochemistry, University of Delaware (AF) |
| Mar 5 | "Making Dioxygen using Heme: O-O bond Formation by Chlorite Dismutase"
Professor Jennifer DuBois, Department of Chemistry and
Biochemistry, University of Notre Dame (JRK) |
| Mar 12 | "Imaging Zinc in Cells: What is Being Imaged?"
Professor David Petering, Department of Chemistry,
University of Wisconsin-Milwaukee (DS) |
| Mar 26 | "Stereocontrol in Light Induced Reaction in Solution and Within Water Soluble Containers"
Professor J. Sivaguru, Department of Chemistry,
North Dakota State University (MGS) |
| April 9 | "Time-resolved dynamics in molecules and clusters"
Professor Daniel Neumark, Department of Chemistry,
University of California, Berkeley (DB/SAR) |
| April 16 | "EPR Detection of Intermediates in the Enzymatic Cycle of an Extradiol Dioxygenase"
Professor Michael Hendrich, Department of Chemistry,
Carnegie Mellon University (SAR) |
| April 23 | "Simulations of complex chemical processes by adaptive, multilevel QM/MM theory"
Professor Michael Salazar, Department of Chemistry,
Union University (DB) |
| April 30 | "Unraveling the catalytic mechanism of cytochrome c oxidase, the terminal electron transfer complex"
Professor Denis Rousseau, Albert Einstein College of
Medicine (JRK) |
| May 7 | "Proton Transfer and Hydrogen Bonding in Organometallic Chemistry and Catalysis"
Professor Douglas Grotjahn, Department of Chemistry,
San Diego State University (CSY) |

When: 4:15 p.m. on Fridays, Where: in Room 121 of the Todd Wehr Chemistry Building, 535 North 14th St.; Refreshments will be served at 4:00 PM in Room 121. For more information call (414) 288-3515.