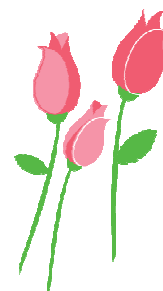


**Missouri University of Science and Technology
Chemistry Department
Seminar Schedule
Spring Semester 2011**

**(All seminars are held on Monday at 4:30 p.m. in
G-3 Schrenk Hall unless otherwise noted)**



Friday, January 7, 2011, Time and location TBA

Environmental Health & Safety Department, Missouri S&T

“Laboratory Safety Course”

Monday, January 10, 2011

Dr. Philip D. Whitefield, Chair and Professor of Chemistry, Missouri S&T

“The Characterization of Ultrafine Particulate Matter from Combustion Processes”

Monday, January 17, 2011

No Seminar

Martin Luther King Jr. Holiday

Monday, January 24, 2011

Dr. Yinfa Ma, Curators' Teaching Professor, Chemistry, Missouri S&T

“The Study of Treatability of Environmental Contaminants and Removal of Disinfection By-Products in Drinking Water Using LC-MS/MS”

Monday, January 31, 2011

Dr. Prakash Reddy, Associate Professor, Chemistry, Missouri S&T

“Organofluorine Chemistry in the Design of Cell Cycle Inhibitors”

Monday, February 7, 2011

Dr. Jeffrey G. Winiarz, Assistant Professor, Chemistry, Missouri S&T

“Unprecedented Response Times in Photorefractive Composites Containing Semiconductor Nanocrystals”

Monday, February 14, 2011

Dr. Richard Dawes, Assistant Professor, Chemistry, Missouri S&T

"A General Scheme for Representing Potential Energy Surfaces for Multi-channel Reactions"

Monday, February 21, 2011

Dr. Rex E. Gerald II, Senior Research Scientist, Chemistry, Missouri S&T and Argonne National Laboratory

“Topics in Nuclear Magnetic Resonance Spectroscopy and Imaging”

Monday, February 28, 2011

Dr. Jack Magruder, President, A. T. Still University

“Chemical Education”

Monday, March 7, 2011

Dr. Wayne Huebner, Professor, Materials Science and Engineering, Missouri S&T

“Further Materials Research at Missouri S&T”

Monday, March 14, 2011

Joshua W. Carey, graduate student, Chemistry, Missouri S&T

"*In vivo* Inhibition of *L*-Buthionine-(S,R)-Sulfoximine(BSO)-Induced Cataracts by a Novel Antioxidant, *N*-acetylcysteine Amide"

Monday, March 21, 2011

Dennis L. Whitney, Environmental Engineer, Retired, American Airlines

“Inorganic Chemistry for the Mineral Collector”

Monday, March 28, 2011

No Seminar

Spring Break

Monday, April 4, 2011

Sanjeewa Gamagedara, graduate student, Chemistry, Missouri S&T

"Biomarkers for Noninvasive Early Cancer Detection”

Monday, April 11, 2011

Dr. Matt O’Keefe, Professor, Materials Science and Engineering, Missouri S&T

“Corrosion Coatings Based on Rare-Earth Oxide Inhibitors”

Monday, April 18, 2011

Clarissa Wisner, Electron Microscope Specialist, Materials Research Center, and graduate student, Chemistry, Missouri S&T

“The Art and Science of Microscopy”

Monday, April 25, 2011

Cynthia Riddles, graduate student, Chemistry, Missouri S&T

“Nanoscale Acrylate Unimolecule Micelles”

Monday, May 2, 2011

No Seminar

Finals Week