



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



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

**Monday, August 22, 2011**

**Phyllis Lewis, Environmental Specialist, Environmental Health and Safety,  
Missouri S&T**

“Hazardous Waste Management, Fire Safety, and Spill Response Training”

**Monday, August 29, 2011**

**Phyllis Lewis, Environmental Specialist, Environmental Health and Safety,  
Missouri S&T**

“Laboratory Safety Training”

**Monday, September 5, 2011**

**Labor Day, no seminar**

**Monday, September 12, 2011**

**Chris Jocius, Head, Reference Department, Curtis Laws Wilson Library, Missouri  
S&T**

“Chemistry Resources in the Curtis Laws Wilson Library”

**Monday, September 19, 2011**

**Dhairiyashil Mohite, Chemistry graduate student, Missouri S&T**

“Organic/Inorganic Aerogels Through Ring-Opening Metathesis Polymerization”

**Monday, September 26, 2011**

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

“Organofluorine Chemistry”

**Monday, October 3, 2011**

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

“The Characterization of Ultrafine Particulate Matter from Combustion Processes”

**Monday, October 10, 2011**

**Dr. Gary Patterson, Professor Emeritus of Chemical Engineering, Missouri S&T**

“Mixing Effects in Chemical Reactions”

**Monday, October 17, 2011**

**No Seminar**

**Monday, October 24, 2011**

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

“Chemistry, Paleontology, and the Early History of the Earth”

**Monday, October 31, 2011**

**Dr. Michael C. Heaven, Professor of Chemistry, Emory University**

“Probing Actinide Electronic Structure Using High-resolution Photoelectron Spectroscopy”

**Monday, November 7, 2011**

**Dr. Rex E. Gerald, Senior Research Scientist, Chemistry Department, Missouri S&T**

“NMR Experiments Performed in Weak and Inhomogeneous Magnetic Fields”

**Monday, November 14, 2011**

**Jong-Sik Moon, Chemistry graduate student, Missouri S&T**

“Photorefractive Polyvinyl Carbazol Composites Made with PbS as a Photosensitizer”

**Monday, November 21, 2011**

**Thanksgiving Vacation – No Seminar**

**Monday, November 28, 2011**

**Dr. Nikolay N. Gerasimchuk, Associate Professor of Chemistry, Missouri State University**

“Chemistry and Remarkable Applications of Cyanoximes and Their Metal Complexes”

**Monday, December 5, 2011**

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

“How to Use *Gaussian09* at Missouri S&T. What You Can Learn from *Gaussian09*.”

**Monday, December 12, 2011**

**Finals Week – No Seminar**