



**Missouri University of Science and
Technology
Chemistry Department
Seminar Schedule
Spring Semester 2013**

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



Monday, January 21, 2013

No Seminar

Martin Luther King Jr. Holiday

Monday, January 28, 2013

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

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

Monday, February 4, 2013

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

“General Laboratory Safety”

Monday, February 11, 2013

Yongbo Dan, graduate student, Chemistry, Missouri S&T

“Using Agricultural By-products as Sorbents to Treat Metal Pollution”

Monday, February 18, 2013

Lai Xu, Post-Doctoral Fellow, Chemistry, Missouri S&T

“Dynamics of Cycloaddition Reactions”

Monday, February 25, 2013

Shruti Suryakant Mahadik, graduate student, Chemistry, Missouri S&T

“Mechanically Strong Nanoporous 3D Assemblies of Metal, Polymer, and Carbon
Aerogels”

Monday, March 4, 2013

Xiaoliang Cheng, Life Science Division, Lawrence Berkeley National Laboratory

“Nanostructure-initiator Mass Spectrometry with Acoustic Deposition: Ultrahigh-
throughput Metabolite Screening and Enzyme Discovery/evolution”

Monday, March 11, 2013

Chakkaravarthy Chidambareswarapattar, graduate student, Chemistry, Missouri S&T

“Isocyanate Derived Organic Aerogels”

Monday, March 18, 2013

Patrick Desrochers, Professor, Chemistry, University of Central Arkansas

“Grabbing Scorpions: Fast, Functional Resin-Supported Chelates”

Monday, March 25, 2013

No Seminar

Spring Break

Monday, April 1, 2013

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

“Chasing Trilobites”

Monday, April 8, 2013

Sager Gade, graduate student, Chemistry, Missouri S&T

“Colloidal Unimolecular Particles”

Monday, April 15, 2013

William Buhro, Chair, Department of Chemistry, Washington University, St. Louis

Untitled I

Monday, April 22, 2013

Jeffrey R. Long, Professor, Chemistry, University of California-Berkeley

“Carbon Dioxide Capture and Hydrocarbon Separations in Metal-Organic Frameworks”

Monday, April 29, 2013

Ruipu Mu, graduate student, Chemistry, Missouri S&T

“Investigation and Identification of Existing Contaminants in the Environment”

Monday, May 6, 2013

Robert Cesario, Assistant Professor, Department of Arts, Languages and Philosophy, Missouri S&T

“Music Study in Grades 5 to 12 as an Indicator of the Academic Success of University Science Students”

Monday, May 13, 2013

No Seminar

Finals Week