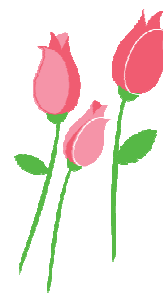


**Missouri S&T Chemistry Department
Seminar Schedule
Spring Semester 2010**
(All seminars are held on Monday at 4:30 p.m. in G-3 Schrenk
Hall unless otherwise noted)



Friday, January 8, 2010, 1:00 – 4:30 PM, G-3 Schrenk Hall
Environmental Health & Safety Department, Missouri S&T
“Laboratory Safety Course”

Monday, January 11, 2010
Dr. Julia Medvedeva, Assistant Professor, Physics, Missouri S&T
“Transparent Conductors: From Basic Principles to Controllable Properties”

Monday, January 18, 2010
No Seminar
Martin Luther King Jr. Holiday

Monday, January 25, 2010
Dr. Yinfa Ma, Curators’ Teaching Professor, Chemistry, Missouri S&T
“Investigation of Emerging Environmental Contaminants in Missouri Natural and Drinking
Water using LC-MS/MS”

Monday, February 1, 2010
Guojun Mu, graduate student, Chemistry, Missouri S&T
“Electrochemical and Chemical Deposition of Epitaxial ZnO and its Application in Solar
Cells”

Monday, February 8, 2010
Daniel Reardon, Assistant Director, Writing Center, Missouri S&T
“Plagiarism: Using Sources Responsibly”

Monday, February 15, 2010
Dr. Gary L. Bertrand, Professor Emeritus, Chemistry, Missouri S&T
"Repair of the Flawed Introduction of Chemical Potential into Thermodynamics"

Monday, February 22, 2010
Weiqing (Emily) Chen, graduate student, Chemistry, Missouri S&T
“Investigating Antioxidant Chelation for the Treatment of Lead Poisoning”

Monday, March 1, 2010
Wenjia Zhang, graduate student, Chemistry, Missouri S&T
“NMR Investigations to Elucidate the Mechanisms of Hydrothermal Biomass Conversion
Forming Precursor Chemicals for Liquid Fuel Production”

Monday, March 8, 2010

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

“An Overview of Environmental Regulations for the Chemist”

Monday, March 15, 2010

Atrayee Banerjee, Post Doctoral Fellow, Chemistry, Missouri S&T

"Oxidative Stress in HIV-Associated Dementia"

Monday, March 22, 2010

No Seminar

Week of the American Chemical Society National Meeting

Monday, March 29, 2010

No Seminar

Spring Break

Monday, April 5, 2010

Kalyan Manda, graduate student, Chemistry, Missouri S&T

"HAART Drugs Induce Oxidative Stress in Blood Brain Barrier - Its Role in HIV Associated Dementia"

Monday, April 12, 2010

Carla Schmiesing, graduate student, Chemistry, Missouri S&T

“Control and Design of Structural Variations in Nickel Trimer Complexes”

Monday, April 19, 2010

Rakesh Gudavarthy, graduate student, Chemistry, Missouri S&T

“Electrodeposition of Superlattices in the Magnetite/Zinc Ferrite System which Exhibit Resistance Switching”

Monday, April 26, 2010

Sasidhar V. Siddabattuni, graduate student, Chemistry, Missouri S&T

“Toward Higher Energy Density Dielectrics Through Nanocomposites”

Monday, May 3, 2010

Dr. Paul Worsey, Professor, Mining & Nuclear Engineering, Missouri S&T

“The Sexuality of the Chemistry of Explosives and Explosives at S&T or Why Things Go Boom ... How Chemistry Plays in Explosives”