

**Missouri University of Science and Technology**

**Department of Chemistry**

**Graduate Seminar Schedule for Spring 2017**

All seminars are held on Monday at 16:00 in room 126 Schrenk Hall

Monday, 16 January 2017 Martin Luther King Day - no seminar

Monday, 23 January 2017

Ring Fusion Aromatization: A Key Step Towards Pyrolytic Carboinization of the Phenolic Resin Type of Aerogels

Hojat Majedifar

Department of Chemistry

Missouri University of Science and Technology

Monday, 30 January 2017

Mining Water for the Production of Spacecraft Fuels and Propellants

Leslie Gertsch

Department of Geological Sciences and Engineering

Missouri University of Science and Technology

Monday, 6 February 2017

Porous Metal Aerogels as Energetic Materials and Shape-Memory Polyurethane Aerogels

Suraj Donthula

Department of Chemistry

Missouri University of Science and Technology

Monday, 13 February 2017

HPLC Analysis of Medicated Lens Tissues

Justin Beltz

Department of Chemistry

Missouri University of Science and Technology

Monday, 20 February 2017

Advanced Functional Polymer Materials: Design, Synthesis and Applications

Dr. Kui Xu

Brewer Science, Inc.

Rolla MO 65401

Monday, 27 February 2017

The Influence of Ozone on the Indoor Environment

Glenn C. Morrison

Department of Civil, Architectural, and Environmental Engineering

Missouri University of Science and Technology

Monday, 6 March 2017

Radiation Safety Amplified

Steven Mell

Account Manager, Canberra

Mirion Technologies

Monday, 13 March 2017  
Optimization of Solvent Suppression Sequences for NMR Investigations  
Annalisa Pfaff  
Department of Chemistry  
Missouri University of Science and Technology

Monday, 20 March 2017  
Spectroscopy Applications in Industry: Things I Wish They had Told Me While I was in College  
Dr. Stephen R. Frey  
Vice President for Technology  
Ocean Optics Company

Monday, 27 March 2017  
No seminar Spring Holiday

Monday, 3 April 2017  
No seminar 253rd ACS National Meeting: April 2- 6, 2017 San Francisco, California

Monday, 10 April 2017  
No seminar scheduled

Monday, 17 April 2017  
Design, Synthesis and Reactivity Studies of AGE-Inhibitors and Breakers and a Novel Synthetic Method  
for gem-Difluorinations  
Jatin Mehta  
Department of Chemistry  
Missouri University of Science and Technology

Monday, 24 April 2017  
Multiple Metal-Metal Bonding in Low-coordination Transition Metal Complexes (tentative)  
Philip P. Power  
Department of Chemistry  
University of California Davis

Monday, 1 May 2017  
Harmful Algal Blooms: Symptoms of Ecological Imbalance and Ecosystem Integration  
Dr. Keith Loftin  
US Geological Survey