

Missouri University of Science and Technology

Department of Chemistry

Graduate Seminar Schedule for Spring 2016

All seminars are held on Monday at 16:30 in room 126 Schrenk Hall

Monday, 18 January 2016

Martin Luther King Day - no seminar

Monday, 25 January 2016

Tomorrow's Innovators and Instigators: Mars Rover Design Team

Alyssa McCarthy, Chief Executive Officer

Katelyn Brinker, Chief Technology Officer

Caroline Dziak, Science Team Leader

Missouri University of Science and Technology

Monday, 1 February 2016

The Microwave Spectrum of Pinacolone, and its Relation to Biochemistry, Physical Chemistry, Quantum Chemistry, and Instrumentation

Jon Hougen

National Institute of Standards and Technology

Gaithersburg, MA

Monday, 8 February 2016

Coherent Control of Wave Transport in Scattering Media: Looking Through Walls and Around Corners

Alexey Yamilov

Department of Physics

Missouri University of Science and Technology

Monday, 15 February 2016

Polyanion-based Cathodes for Alkali-ion Batteries: A Solid State Chemist's Playground

Amitava Choudhury

Department of Chemistry

Missouri University of Science and Technology

Monday, 22 February 2016

Evaluation of Iodo-, Bromo-, and Chloroacetic Acids Formed by Peracetic Acid Disinfection by Using a Newly Developed Rapid HPIC-MS/MS Method

Runmiao Xue

Department of Chemistry

Missouri University of Science and Technology

Monday, 29 February 2016

Metal-Organic Framework Catalyst: Is there a Correlation Between the Structure and Catalysis?

Anand Pariyar

Department of Chemistry

Missouri University of Science and Technology

Monday, 7 March 2016

Two Dimensional Nanomaterials for Electrochemical Energy Storage and Conversion

Jian Lin

Department of Mechanical and Aerospace Engineering

University of Missouri-Columbia

Monday, 14 March 2016

No seminar 251st ACS National Meeting: March 13-17, 2016 San Diego, California

Monday, 21 March 2016

Amorphous Oxide Semiconductors: Modeling, Understanding, Designing

Julia E. Medvedva

Department of Physics

Missouri University of Science and Technology

Monday, 28 March 2016

No seminar Spring Holiday

Monday, 4 April 2016

Chemical Analysis of Ancient Paintings: AMS Radiocarbon Dating of Binders and X-ray Spectroscopy of
Pigments

Karen Lynn Steelman

Department of Chemistry

University of Central Arkansas

Monday, 11 April 2016

CODICES: A Collaborative Multispectral Study of Medieval Texts

Nathan Oyler

Department of Chemistry

University of Missouri-Kansas City

Monday, 18 April 2016

Single Particle IPC-MS Characterization of Nanoparticles in Water Systems

Ariel Donovan

Department of Chemistry

Missouri University of Science and Technology

Monday, 25 April 2016

Multifunctional Non-noble Metal Chalcogenides Electrocatalysts for Overall Water Splitting

Abdurazag Swesi

Department of Chemistry

Missouri University of Science and Technology

Monday, 2 May 2016

Fabrication of Cadmium Telluride Nanorod and Nanotube Arrays through Patterned Electrodeposition for
Efficient Solar Energy Conversion

Wipula P. Liyanage

Department of Chemistry

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