

Missouri University of Science and Technology
Department of Chemistry
Graduate Seminar Schedule for Spring 2015
All seminars are held on Monday at 16:30 in room 126 Schrenk Hall

Monday, 19 January 2015

Martin Luther King Day - no seminar

Monday, 26 January 2015

Theoretical Tools to Study the Dynamics of Planetary Atmospheres

Moumita Majumder

Department of Chemistry

Missouri University of Science and Technology

Monday, 2 February 2015

Quantum Dynamics of Small and Medium Sized Molecules: Applications to Atmospheric Chemistry,
Astrophysics, and Combustion

Steve Ndengue

Department of Chemistry

Missouri University of Science and Technology

Monday, 9 February 2015

Simultaneous Determination of Additives and Contaminants for a Comprehensive Characterization of Dielectric
Fluids

Carlo M. Roggero

Department of Chemistry

Missouri University of Science and Technology

Monday, 16 February 2015

DNA Engineering: from Structure to Application

Risheng Wang

Department of Chemistry

Missouri University of Science and Technology

Monday, 23 February 2015

Constructing Global Potential Energy Surfaces

Phalgun Lolur

Department of Chemistry

Missouri University of Science and Technology

Monday, 2 March 2015

Mechanism Study of Wound-healing Capability of Bioactive Borate Nanofibers Using an *in vitro*
Dynamic Model System

Sisi Chen

Department of Chemistry

Missouri University of Science and Technology

Monday, 9 March 2015

Terrestrial and Extraterrestrial Studies of Nonexistent Compounds.

Dennis J. Clouthier

Department of Chemistry

University of Kentucky

Monday, 16 March 2015
Biomarker Discovery and Detection for Early Cancer Detection
Casey F. Burton
Department of Chemistry
Missouri University of Science and Technology

Monday, 23 March 2015
Spring Holiday - no seminar (also Denver, Colorado National ACS Meeting)

Monday, 30 March 2015
An Introduction to the Field of Explosives and Pyrotechnics
John Bowles
Project Chemist, UTEC Corporation
Riverton, KS

Monday, 6 April 2015
Toward Automating Two-Dimensional Electrophoresis – a Hybrid Chip Device for Protein/Peptide Separation
Prof. Shaorong Liu
Department of Chemistry and Biochemistry
University of Oklahoma

Monday, 13 April 2015
Untitled I
Stephanie L. Brock
Department of Chemistry
Wayne State University

Monday, 20 April 2015
Certain Physicochemical Properties of Transition Metal Oxide Nanoparticles Contribute to Cytotoxicity
Prof. Yue-wern Huang
Department of Biological Science
Missouri University of Science and Technology

Monday, 27 April 2015
Nanostructured Catalysts Prepared by Atomic/Molecular Layer Deposition
Xinhua Liang
Department of Chemical and Biochemical Engineering
Missouri University of Science and Technology

Monday, 4 May 2015
N-acetylcysteineamide, a Promising Antidote for Acetaminophen Toxicity
Ahdab N. Khayyat
Department of Chemistry
Missouri University of Science and Technology