For more information on the weekly seminars, please visit: http://www.chem.uiowa.edu/Seminars/index.html

Physical and Environmental Seminar

Monday February 27, 2012 - 3:30 PM

Mihai Vasile
University of Central Florida
"Understanding the Mechanisms of Surface Photocatalyst and Photocatalytic Reactions: Photocatalytic Oxidation of Intermediates and Final Products with Time Resolved Infrared Spectroscopy"

Photocatalytic oxidation of organic compounds on TiO2 surfaces is a promising technology for the destruction of hazardous organics in water and air. Although photocatalytic oxidation has been studied for more than 30 years, the mechanisms of photocatalytic oxidation are still not well understood. In this talk, we will present time resolved infrared spectroscopic studies of photocatalytic oxidation of organic compounds on TiO2 surfaces. We will also present time resolved infrared spectroscopic studies of photocatalyst surfaces and the photocatalytic reactions of intermediates and final products with time.

Inorganic/Off Seminar

Wednesday, February 29, 2012 - 3:30 PM

Present Submitters

"Development of Activities and Lanthanide Polyoxometalates for Applications in Quantum Information Science"

Analytical Seminar

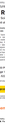
Thursday, March 1, 2012 - 3:30 PM

Andrés Moro Mora
"Combating Global and Microbial Pathogens for Advances in Gold Nanoscale SERS Substrates"

Colloquium

Friday February 3rd, 2012 - 3:30 PM

James Blakemore
University of Kansas
"Electrochemical Proton Reduction and Electrocatalysis of the Hydrogen Evolution Reaction"



IOWA | Department of Chemistry

Graduate Student Seminar Series
Sponsored by the Department of Chemistry
Journal Focused on Data Science

Geraldine Richmond
Distinguished Professor and Cancilor and Chair
Department of Chemistry
University of Oregon

Gulf Spill Is Not Over - Molecular Insights from Surface Spectroscopy
Surface Spectroscopy Reveals Molecular Mechanisms of Ice Nucleation
Surface Spectroscopy Reveals Molecular Mechanisms of Ice Nucleation

Wednesday, April 18th, 2012 - 3:30 PM
Voxel Memorial Union Main Lounge 100
Refreshments at 3:00 PM in 301 Chemistry

Contact Dr. Gary Rubinstein (gary-rubinstein@uiowa.edu) for more information.

Save the Date! Annual Chemistry Appreciation Awards Night

Friday, April 27th, 2012 - 5:30 PM
Chemistry Building Atrium

Graduate College Fellowship Deadlines

Graduate College Fellowship Deadlines: Fellowships are available to students who are in their second year of graduate study and who are candidates for a doctoral degree. Students who are in their second year of graduate study and who are candidates for a doctoral degree are eligible to apply for the Graduate College Fellowship