Department of Chemistry
2018 Spring Colloquium

Feb. 2  “Cloaking Electrophilic Warheads: Shape, a New Stealth Approach”
Dr. Patrick Gunning, University of Toronto (CD)

Feb. 9  “Accurate \textit{ab initio} Thermochemistry of Actinide-containing Molecules:
From Thorium to Transuranic Elements”
Dr. Kirk Peterson, Washington State University (CT)

Feb. 16 “Moving Hydrides with Iron and Electrons through Metal Oxides:
Biomimetic and Solar Fuels Approach to Hydrogen”
Dr. Michael Rose, University of Texas–Austin (AF)

Feb. 23 “Protein Engineering to Regulate Protein Interactions and Probe
Energetics of Protein Conformational Change”
Dr. James Horn, Northern Illinois University (EK)

Mar. 2  “NMR Insights into the Transport Mechanism of the Small Multi Drug
Efflux Pump, EmrE”
Dr. Katherine Henzler-Wildman, U. Wisconsin-Madison (NR)

Mar. 9  “Investigations of Antibiotic Resistance Mechanisms using Protein NMR”
Dr. Jeffrey Peng, University of Notre Dame (EK)

Mar. 23 “Discovering New Leads from Old Drugs: Repurposing Approaches for
Tropical Diseases”
Dr. Michael Pollastri, Northeastern University (CD)

Apr. 6  “TBA”
Dr. William Dichtel, Northwestern University (RR)

Apr. 13 “Intermediates and Mechanism in Iron-Catalyzed Cross-Coupling”
Dr. Michael Neidig, University of Rochester (AF)

Apr. 20 “NMR Studies of Dynamics and Allostery in Nonribosomal Peptide
Synthetases”
Dr. Dominique Frueh, Johns Hopkins Medical School (EK)

Apr. 27 “Synthesis and Catalytic Applications of Porphyrinic MOFs and
Carbazolic POFs”
Dr. Jian Zhang, University of Nebraska-Lincoln (JH)

May. 4  “RNA Methylation in Gene Expression Regulation”
Dr. Chuan He, University of Chicago (NR)

All lectures to be held at 4:00 PM on Fridays, unless otherwise noted, in Room 121 of the Todd
Wehr Chemistry Building, 535 North 14th St. Refreshments will be served at 3:45 PM in Room 121.
For more information call (414)-288-3515.