T Jan 14
2:30PM
A304

Faculty Candidate Seminar
Development of Small and Not-so-Small Functional Molecules
Fang Wang, Massachusetts Institute of Technology | Host: Jing Zhao

T Jan 21
2:30PM
A304

Faculty Candidate Seminar
21st Century Synthesis
Kerry Gilmore, Max-Planck Institute | Host: William Bailey

Th Jan 23
2:30PM
A304

Faculty Candidate Seminar
Total Synthesis of Complex Meroterpenes and the Biosynthesis of Amino Acid-Derived Natural Products
Chi Ting, University of Illinois Urbana-Champaign | Host: Amy Howell

T Jan 28
2:30PM
A304

Faculty Candidate Seminar
From Catalyst Optimization to Encapsulation: Approaches for Selective Modification of Complex Molecules
Trandon Bender, University of California, Berkeley | Host: Gaël Ung

Th Jan 30
2:30PM
A304

Faculty Candidate Seminar
Hybrid Catalysis for Cross-Coupling and C-H Functionalization Reactions
Marvin Parasram, Princeton University | Host: Ashis Basu

W Feb 5
2:30PM

Probing Chemistry of Surface-Supported Nanostructures at the Angstrom-Scale via Tip-Enhanced Raman Spectroscopy
Nan Jiang, University of Illinois at Chicago | Host: Jing Zhao

W Feb 19
2:30PM

Re-Thinking Catalyst Design — New Strategies for Controlling Oxygenated Polymer Synthesis
Jerome Robinson, Brown University | Host: Gaël Ung

W Feb 26
2:30PM

Electric Fields and Enzyme Catalysis
Steve Boxer, Stanford University | Host: Tomo Mani

W Mar 11
3:00PM
POSTPONED

Randolph T. Major Symposium
Finding Solar Fuels
Thomas Meyer, UNC Chapel Hill | Host: José Gascón and Tomo Mani

Th Mar 12
11:00AM
POSTPONED

Randolph T. Major Symposium
Proton-Coupled Electron Transfer in Catalysis and Energy Conversion
Sharon Hammes-Schiffer, Yale University | Host: José Gascón and Tomo Mani

Th Mar 12
3:30PM
POSTPONED

Randolph T. Major Symposium
Our Energy Future: Science and Technology Challenges in the 21st Century
Thomas Meyer, UNC Chapel Hill | Host: José Gascón and Tomo Mani
**MECHANISM OF ALLOSTERIC REGULATION IN PROTEIN KINASES: A SINGLE MOLECULE APPROACH**
Rodrigo Maillard, Georgetown University | Host: Alfredo Angeles

**INTEGRATING GRADUATE STUDENT LEADERSHIP INTO ACADEMIC RESEARCH SAFETY: INTRODUCING THE RESEARCH SAFETY STUDENT INITIATIVE AT NORTHWESTERN**
Micahele Blayney, Northwestern University | Host: Jessica Martin, Joint Safety Team

**TAILORING ENZYME RESPONSIVE NANOMATERIALS FOR CONTROLLED DEGRADATION AND CARGO RELEASE IN BIOLOGICAL SYSTEMS**
Josh Santiana, Rouge Group, University of Connecticut

**TBA**
Michael Wasielewski, Northwestern University | Host: Tomo Mani

**DESIGN SYNTHESIS AND CHARACTERIZATION OF CORE-POLYETHYLENE-GLYCOL-LIPID SHELL NANO Particles (CPLS NPs) FOR CELLULAR ENTRY AND CARGO DELIVERY**
David Loe, Rouge Group, University of Connecticut

**MAKING, BREAKING, AND ELUCIDATING URANIUM-NITROGEN MULTIPLE BONDS**
Suzanne Bart, Purdue University | Host: Gaël Ung

**FROM IMPURITY TO FUNCTIONALITY — DOPING IN SEMICONDUCTOR NANO CRYSTALS**
Weiwei Zheng, Syracuse University | Host: Jie He

**POTENTIAL SAFETY THREATS IN AN ACADEMIC SCIENTIFIC SETTING**
Daniel Coleman, FBI | Host: Jing Zhao, Safety Committee

**LANTHANIDE COMPLEXES WITH DUAL ACTIVITY AND UNUSUAL COORDINATION CHEMISTRY**
Ana de Bettencourt-Dias, University of Nevada-Reno | Host: Gaël Ung

**IMPROVING SUSTAINABILITY IN SITE-SELECTIVE C-H FUNCTIONALIZATION**
Mike Young, University of Toledo | Host: Gaël Ung