

Northern Illinois University  
Department of Chemistry and Biochemistry  
Spring 2011 Graduate Colloquium Series

The following colloquia will be held in *La Tourette Hall 201 at 4:00 p.m.*, unless otherwise noted, and will be preceded by a reception at 3:30 p.m. in La Tourette Hall 300. Should you have any questions, please contact the host listed for the respective seminar.

Tuesday, January 18, (12 noon) – Host: D. Klumpp, Organic Search

**Prof. Shawn Burdette**, Assistant Professor, Department of Chemistry, University of Connecticut; *Exploring Signal Transduction in Biology Using Metal Chelators that Exploit Organic Photoreactions*

Monday, January 24, (12 noon) – Host: V. Ryzhov, Organic Search

**Dr. Xiangyang Wu**, Research Scholar, Memorial Sloan-Kettering Cancer Center, New York; *The Reaction of Isonitriles with Carboxylic Acids: Applications to the Synthesis of Biologically Relevant Molecules*

Thursday, January 27, (12 noon) – Host: E. Gaillard, Organic Search

**Dr. Lisa Julian**, Postdoctoral Fellow, Department of Chemistry, University of Illinois at Urbana-Champaign; *Challenges in Organic Chemistry: Natural Product Synthesis, Drug Discovery, and Catalysis*

Monday, January 31, (12 noon) – Host: J. Horn, Organic Search

**Dr. Yu Zhao**, Postdoctoral Researcher, Department of Chemistry, Massachusetts Institute of Technology; *Lewis Basic Organocatalysts for Asymmetric Silylation of Alcohols and W-Alkylidene Complexes for Novel Selectivities in Olefin Metathesis Reactions*

Monday, March 7 – Host: T. Hagen

**Prof. Richard Silverman**, Department of Chemistry, Northwestern University; *Selective Nitric Oxide Synthase Inhibitors for the Treatment and Prevention of Neurodegenerative Diseases*

Monday, March 21 – Host: T. Xu and Z. Yang

**\*Prof. Thomas Hamann**, Department of Chemistry, Michigan State University; *Recent Progress in Dye-Sensitized Solar Cells*

Monday, March 28 – Host: J. Horn

**\*Prof. Thomas Thompson**, Department of Molecular Genetics, Biochemistry & Microbiology, University of Cincinnati; *Structural Basis for Huge Muscles – How to Block Myostatin*

Monday, April 18 – Host: T. Hagen and Z. Zhang

**Dr. Thomas Penning**, Research Fellow, Cancer Research, Global Pharmaceutical R & D, Abbott Laboratories; *PARP Inhibitors for the Treatment of Cancer: Discovery of Veliparib*

Monday, April 25 – Host: S. Osburn

**\*Prof. Michael Van Stipdonk**, Department of Chemistry, Wichita State University; *Taking a New Look at Ions Using Tandem Mass Spectrometry and IRMPD Spectroscopy*

\* Cosponsored by the Graduate Colloquium Committee of Northern Illinois University