



# SPRING 2016 Seminar Schedule

university of massachusetts amherst

# CHEMISTRY

**February 18**

**Professor Timothy Zwier**

Department of Chemistry  
Purdue University

*“Single-Conformation Spectroscopy of Hydrogen-Bonded Networks: One Good Turn Deserves Another”*

Host: Prof. Ricardo Metz

**\*February 24–Wednesday**

**Professor Adam Braunschweig**

Department of Chemistry  
University of Miami

*“Polymer Exotica: Using Brush, Force-induced, and Supramolecular Polymerizations to Address Materials Challenges”*

Host: Sankaran Thayumanavan (Thai)  
Co-host: Ricardo Metz

**February 25**

**Professor Brian McNaughton**

Department of Chemistry  
Colorado State University

*“Expanding the Functional Utility of Proteins as Research Tools and Therapeutic Leads”*

Host: Prof. Michelle Farkas

**March 3**

**Professor Stephan Link**

Department of Chemistry  
Rice University

*“Plasmonic Nanoparticles: From Fundamental Optical Properties to Applications”*

Host: Prof. Michael Barnes

**March 10**

**Professor Jonathan Rudick**

Department of Chemistry  
Stony Brook University

*“Precision Synthesis of Multifunctional Materials”*

Host: Prof. S. Thai Thayumanavan

**March 17**

Spring break - NO SEMINAR

**March 24**

**FIVE COLLEGE SEMINAR**

**Professor Veronica Vaida**

Department of Chemistry  
and Biochemistry

University of Colorado

*“Building Molecular Complexity with Sunlight at Aqueous Interfaces”*

Host: Amherst College

**March 31**

**STUDENT-HOSTED SEMINAR IN CHEMISTRY**

**Professor Daniel Nocera**

Department of Chemistry &  
Chemical Biology  
Harvard University

*“Authentic Artificial Photosynthesis: Solar + Water + CO<sub>2</sub> to Liquid Fuels at High Efficiency”*

Host: Student Development Committee  
(contact Michelle Farkas)

**\*April 5–Tuesday**

**MARVIN D. RAUSCH SEMINAR IN ORGANOMETALLIC CHEMISTRY**

**Professor Wolfgang Herrmann**

Department of Chemistry  
Technische Universität München (TUM)

*“N-Heterocyclic Carbenes: A New Era in Organometallic Catalysis”*

Host: Kevin Kittilstved

**April 14**

**Professor Vicente Talanquer**

Department of Chemistry and Biochemistry  
University of Arizona

*“Exploring Student Reasoning to Support Better Teaching”*

Host: Prof. Gabriela Weaver

**April 21**

**Professor Theodore Betley**

Department of Chemistry and  
Chemical Biology  
Harvard University

*“Radical Frontiers in Catalysis”*

Host: Prof. Michael Maroney

**April 28**

**Professor Jeff Long**

Department of Chemistry and  
Chemical & Biomolecular Engineering  
University of California-Berkeley

*“Carbon Dioxide Capture and Hydrocarbon Separations in Metal-Organic Frameworks”*

Host: Prof. Kevin Kittilstved

**May 5**

**Professor Anna Mapp**

Department of Chemistry  
University of Michigan

Host: Michelle Farkas

Seminars are on Thursday at 11:30 a.m. with refreshments at 11:00 a.m. in LGRT 1634, unless otherwise noted (\*).