

university of massachusetts amherst

# CHEMISTRY

## FALL 2014 seminar schedule

**September 4**

**Professor Matthew Holden**

Department of Chemistry  
University of Massachusetts  
"Caught in the Act: Direct Measurement of Protein Translocation Across Membranes"

Host: Prof. Kevin Kittilstved

**September 11**

**Professor James Chambers**

Department of Chemistry  
University of Massachusetts  
"Novel Small Molecules to Interrogate and Manipulate Neuronal Receptors"

Host: Prof. Kevin Kittilstved

**September 18**

**Professor Mikhail Zamkov**

Department of Physics and Astronomy  
Bowling Green State University  
"Engineering of Semiconductor Nanocrystals and Nanocrystal Solids for Renewable Energy Applications"

Host: Prof. Kevin Kittilstved

**September 25**

**Professor Bryan Krantz**

Department of Chemistry  
University of California, Berkeley  
"The Molecular Basis of Translocation-coupled Unfolding by Anthrax Toxin"

Host: Prof. Matt Holden

**October 2**

**STEIN-BAYER SEMINAR**

**Professor David Tirrell**

Division of Chemistry and Chemical Engineering  
California Institute of Technology  
"Reinterpreting the Genetic Code: From Polymers to Proteomics"

**October 9**

**Professor Zev Gartner**

Department of Pharmaceutical Chemistry  
University of California  
"Building Tissues to Understand How Tissues Build Themselves"

Host: Prof. Michelle Farkas

**October 16**

**Professor Sarah Stoll**

Department of Chemistry  
Georgetown University  
"Magnetic Nanostructures"

Host: Prof. Kevin Kittilstved  
& Scott Auerbach

**October 23**

**Professor Francisco Raymo**

Department of Chemistry  
University of Miami  
"Photochemical Strategies to Activate Fluorescence"

Host: Prof. Sankaran Thayumanavan

**October 30**

**Professor Robert Linhardt**

Department of Chemistry and Chemical Biology  
Rensselaer Polytechnic Institute  
"Bioengineered and Chemo-enzymatically Synthesized Heparins"

Host: Prof. Igor Kaltashov

**November 6**

**Professor Paramjit Arora**

Department of Chemistry  
New York University  
"Plucking the High Hanging Fruit: A Systematic Approach for Targeting Protein-Protein Interactions"

Host: Prof. Michelle Farkas

**November 13**

**WILLIAM E. MAHONEY ANNUAL LECTURE IN CHEMISTRY**

**Professor Paul Alivisatos**

Department of Chemistry  
University of California, Berkeley  
"Design and Synthesis of Multi-component Colloidal Nanocrystals for Catalysis and Solar Energy Harvesting"

**November 20**

**Professor Abraham Joy**

Department of Polymer Science  
University of Akron  
"A Library of Polyesters and Polyurethanes with 'Peptide-like' Pendant Functional Groups: A New Family of Polymers for Biomedical Applications"

Host: Prof. Sankaran Thayumanavan

NOTE NEW TIME:

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