

# HIGHLANDS IN CHEMISTRY

## SEMINAR SERIES

### SPRING 2018 SCHEDULE



**Steve Greenbaum**, *Hunter College*  
January 26; Host: Lou Madsen  
"NMR Investigations of Structure and Dynamics in Polymers for Energy Storage Applications"



**Klaus Schmidt-Rohr**, *Brandeis University*  
March 16; Host: Lou Madsen  
"NMR Characterization of Nanocrystal Surface Composition: Nanodiamond, Bone, and Polyethylene"



**Marco Caricato**, *University of Kansas*  
February 2; Host: Daniel Crawford  
"Characterization of Structural and Electronic Properties of Materials from a Molecular Electronic Structure Theory Perspective"



**Troy Van Voorhis**, *MIT*  
March 30; Host: Nick Mayhall  
"Electronic Dynamics in Complex Environments: From Electron Transfer to Singlet Fission"



**Paul Chirik**, *Princeton University*  
February 9; Host: Webster Santos  
**Gladys Yee Peng Lecture**  
"Modern Alchemy: Catalysis with Earth Abundant Transition Metals"



**Jing Li**, *Rutgers University*  
April 6; Host: Amanda Morris  
"Engineering chemical bonds at the inorganic-organic interface: a strategy to develop high-performance hybrid phosphors for energy-efficient lighting technologies"



**Gila Stein**, *University of Tennessee*  
February 16; Host: Greg Liu  
"Block Copolymer Films for Microelectronics, Water Treatment and Energy"



**Laura Kiessling**, *MIT*  
April 13; Host: Felicia Etzkorn  
**Annabelle Lee Lecture**  
"Glycopolymer Probes of Immunity"



**Terry Moore**, *University of Illinois at Chicago*  
February 23; Host: Paul Carlier  
"Development of Chemical Probes for Protein-Transcription Factor Interactions"



**Derek Tan**, *Sloan Kettering*  
April 20  
"Diversity and Design: New Chemical Probes for Biology and Medicine"



**Sharon Hammes-Schiffer**, *Yale University*  
March 2; Host: Nick Mayhall  
"Proton-Coupled Electron Transfer in Catalysis and Energy Conversion"



**Geoffrey Davies**, *Northeastern University*  
April 27  
*Title to be determined*

**2:30pm | Hahn Hall North 140**

*If you are a person with a disability and desire any assistive devices, services or other accommodations to participate in these activities, please contact Dr. Webster Santos, Department of Chemistry, 3101 Hahn Hall South, or (540) 231-5742, one week prior to the event, during the business hours of 8:00 am and 5:00 pm to discuss accommodations.*