Covestro (formerly Bayer) Lectures

Covestro

Spring 2018
Oren Scherman, Cambridge University
- Functional Soft Materials through Molecular Design
- Exploiting Dynamic Self-Assembly at Interfaces

Spring 2017
Karen Wooley, Texas A&M
- Translation of Fundamental Chemistry to Functional Nanoscopic Macromolecules Designed for Advanced Applications
- Expanding the Scopes of Synthetic Organic and Polymer Chemistries: Utilization of the Inherent Stereochemical and Functional Diversities of Natural Products

Spring 2016
Bob Waymouth, Stanford University
- Catalysis: Challenges and Opportunities for Sustainability
- Catalysis: The Key to Selectivity in Polymer Syntheses

Bayer

Spring 2011
Krzysztof Matyjaszewski, Carnegie Mellon University
- Tempering Radicals Behavior in ATRP
- Macromolecular Engineering for Functional Nanostructured Materials

Spring 2010
Timothy Swager, Massachusetts Institute of Technology
- Triptycene: A Versatile Building Block for Sensory, Optical, Electronic and Structural Polymers

Spring 2009
Jimmy Mays, University of Tennessee at Knoxville
- Branched Block Copolymers: Synthesis, Morphology, and Properties
- Novel Charged Polymers: From Mineralization to Fuel Cell Membranes
Spring 2008

Jeffrey S. Moore, University of Illinois at Urbana-Champaign

- Mechanophore-Linked Polymers and Mechanically Responsive Materials
- Dynamic Covalent Chemistry of Linear and Cyclic Oligomers

Spring 2007

George M. Whitesides, Harvard University

- Electron Transfer Across Self-Assembled Monolayers. The Development of a Junction Based on Sams Sandwiched Between Two Metal Electrodes – One Gold or Silver and the other Liquid Mercury
- And the Use of These Systems to Study Mechanisms of Electron Transfer In Organic Materials