



FALL 2009 POLYMER EVENT

University of Massachusetts Amherst

THURSDAY, OCTOBER 15, 2009

Materials Research Science & Engineering Center

- 8:00 Continental Breakfast – Conte Atrium
- 8:30 Center Overview – Todd Emrick, Director
- 9:00 *IRG II: Polymer Surface Instabilities* – Al Crosby
- 9:25 *IRG I: Directed Polymer-Based Assemblies* – Todd Emrick
- 9:50 *SuperSeed: Polymers and Ionic Liquids* – David Hoagland
- 10:10 *Seed 1: Polymer Surfaces for Bacterial Control* – Maria Santore
- 10:20 *Seed 2: Polymer-Based Optoelectronics* – Ryan Hayward
- 10:30 *Outreach Partners*
Howard University – D. Raghavan
Mount Holyoke College – Wei Chen
Smith College – Nalini Easwar
University of California Riverside – Mihri Ozkan
- 11:50 *Closing remarks and open discussion*
- 12:00 LUNCH - Conte Atrium

Polymer Science & Engineering Department

- 1:15 - 2:00 YuanQiao Rao, Dow Chemical Company
"Materials Science in Nanocomposites"
- 2:05 - 2:50 Dave Hoagland, UMass Amherst
"A New Microscopy Method for Monitoring Hindered Diffusion in Complex Environments"
- 2:50 - 3:05 Break
- 3:05 - 3:50 Tom McCarthy, UMass Amherst
"Teflon is Hydrophilic and More True Stories"
- 3:55- 4:40 Greg Tew, UMass Amherst
"Polymer Chemistry: Enabling New Opportunities at the Medical and Materials Interface"