Department of Chemical and Biomolecular Engineering

Spring 2012 Seminar Series

Feb. 2  
Tuesday, 9:40 AM  
Ali Passian, MSSE Research and Development Staff, Oak Ridge National Laboratory  
Adjunct Professor, Department of Physics, University of Tennessee-Knoxville  
"Surface Modes of Nanostructures and Probes and their Applications in the Sub-Micron Realm"

March 27  
Tuesday, 9:40 AM  
Silvia Muro, University of Maryland College Park  
Bioengineering  
“Pharmacokinetics and Subcellular Transport of Therapeutic Nanocarriers Targeted to ICAM-1”

April 2  
Monday, 10:00 AM  
Steve Abel, Massachusetts Institute of Technology  
Chemical Engineering  
“Signal Transduction at the Cell Membrane: Understanding the Roles of Dimensionality, Protein Mobility, and Spatiotemporal Correlations”

April 9  
Monday, 10:00 AM  
Mark Kastantin, University of Colorado at Boulder  
Chemical and Biological Engineering  
“A Single-Molecule Study of Interfacial DNA Hybridization Dynamics”

April 12  
Thursday, 9:40 AM  
Hong Zhao, Stanford University  
Mechanical Engineering  
“The Dynamics of Lipid Vesicles in a Shear Flow”

April 16  
Monday, 10:00 AM  
Lei Yang, ConocoPhillips  
Research Scientist, Division of Alternative Energy  
Bartlesville Technology Center  
“Nano-Engineered Energy Devices: Surface Reaction and Transport at the Nanoscale”

April 24  
Tuesday, 9:40 AM  
Daniel J. Klingenberg, University of Wisconsin  
Chemical and Biological Engineering,  
“Rheology and Mass Transfer of Lignocellulosic Biomass”
April 25

Minglin Ma, Massachusetts Institute of Technology
Postdoctoral Research Associate, Robert Langer Research Laboratory
The David H. Koch Institute for Integrative Cancer Research
“Bio-Inspired Design of Complex Soft Materials”