

Department of Chemical and Biomolecular Engineering

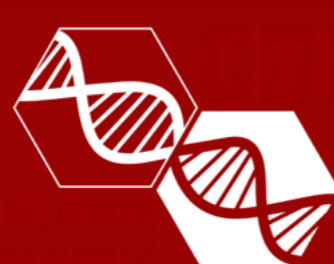
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2008 Departmental Seminar – Spring

<p>January 14, 2008</p> <p>Understanding and Tuning Protein Translocation through the Ribosome</p>	<p>Lydia Contreras</p> <p>Department of Chemical Engineering Cornell University</p>
<p>January 23, 2008</p> <p>Molecular Memory Circuits on a Nanoscale</p>	<p>Amy S. Blum</p> <p>Center for Bio/Molecular Science and Engineering Naval Research Laboratory</p>
<p>January 28, 2008</p> <p>Nanoscale Self-assembly via Electrostatic Interactions</p>	<p>Kyle J. M. Bishop</p> <p>Department of Chemical and Biological Engineering Northwestern University</p>
<p>February 4, 2008</p> <p>The Effect of Chain Rigidity on the Self-Assembly of Functional Block Copolymers</p>	<p>Bradley D. Olsen</p> <p>Department of Chemical Engineering University of California, Berkeley</p>
<p>February 11, 2008</p> <p>New Concepts in Interfacial Engineering: Arresting Self Assembly and Motility-Based Sorting of Mammalian Cells</p>	<p>Carlos Co</p> <p>Department of Chemical and Materials Engineering University of Cincinnati</p>
<p>February 18, 2008</p> <p>Phase Equilibria of Hydrofluorocarbons in Ionic Liquids</p>	<p>Mark B. Shiflett</p> <p>DuPont Central Research and Development</p>
<p>February 25, 2008</p> <p>Organic Single-Crystals: Self-Assembly, Properties, and Field-Effect Transistors</p>	<p>Alejandro L. Briseno</p> <p>Department of Chemistry University of Washington</p>
<p>February 27, 2008</p> <p>(Special seminar together with Department of Physics)</p> <p>Interfacial Dynamics of Polymers and SAMs: Glassy Dynamics, Hierarchical Assembly and the Quest for Perfection</p>	<p>Steven J. Sibener</p> <p>The James Franck Institute and Department of Chemistry University of Chicago</p>
<p>March 10, 2008</p> <p>Quantifying Phenotype in Dynamic Metabolic Networks Using 13C Tracers and Comprehensive Flux Analysis</p>	<p>Jamey D. Young</p> <p>Department of Chemical Engineering Massachusetts Institute of Technology</p>
<p>March 12, 2008</p> <p>Deducing Transcriptional Regulatory Features from Transcriptome Data</p>	<p>Mark P. Brynildsen</p> <p>Department of Chemical and Biomolecular Engineering University of California, Los Angeles (UCLA)</p>
<p>March 17, 2008</p> <p>Nanoconfinement Effects on Glass Formation and Glassy Behavior of Polymers</p>	<p>Rodney Priestley</p> <p>Department of Chemical and Biological Engineering Northwestern University</p>
<p>March 19, 2008</p> <p>Benign Synthesis, Size Control, and Assembly of Silica Nanoparticles: A New Paradigm for Dispersed Particle, Porous Thin Film, and Gel Applications</p>	<p>Mark Snyder</p> <p>Department of Chemical Engineering and Materials Science University of Minnesota</p>
<p>March 24, 2008</p> <p>Characterization and Engineering of Bacterial Protein Translocation Systems</p>	<p>Danielle Tullman-Ercek</p> <p>Department of Pharmaceutical Chemistry University of California, San Francisco</p>
<p>April 14, 2008</p> <p>Quantitative Systems Analysis of Multicellular Morphodynamics</p>	<p>Anand Asthagiri</p> <p>Department of Chemical Engineering California Institute of Technology</p>
<p>April 28, 2008</p> <p>McCabe Lecture</p> <p>Grand Challenges for Materials Companies</p>	<p>James A. Trainham</p> <p>Science & Technology PPG Industries, Inc.</p>

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