



Fall 2005 Departmental Seminars

4:00 pm, Elgin Room (E-Quad A224)

September 21 Alexander Kabanov, University of Nebraska Medical Center
Advances in Polymer Therapeutics

Richard H. Wilhelm Lecture Series

Carol Hall
North Carolina State University

4:00 pm, Friend Center FC113

September 26 *Thinking Like a Molecule: Simulating Protein Aggregation*
September 28 *Simulation Studies of Pattern Recognition: What's the Problem?*

October 5 Jennifer Curtis, University of Florida
Simulating the Dense-Phase Transport of Particulates

October 12 Chaitan Khosla, Stanford University
Fundamental and Practical Challenges in Deconstructing Celiac Sprue

October 19 Boris Khusid, New Jersey Institute of Technology
Electric-Field-Driven Control, Manipulation, and Separation of Particles

October 26 Alexander Katz, University of California-Berkeley
New Understandings of Chemical Reactivity on Solids Enabled by Synthesis of Isolated Active Sites

November 16 Emmanuel Giannelis, Cornell University
Nanofluids: Solvent Free Colloids

November 30 Yong Joo, Cornell University
Modeling and Simulation of Electrostatically Driven, Viscoelastic Fluid Jets

December 7 Shekhar Garde, Rensselaer Polytechnic Institute
Water-Mediated Interactions Relevant to Protein Structure and Function

December 14 Nitash Balsara, University of California-Berkeley
Neutron Scattering and Monte Carlo Determination of the Variation of the Critical Nucleus Size with Quench Depth

Social Gathering, 3:30 p.m., Lapidus Lounge (E-Quad A214)