Department of Chemical Engineering
Princeton University

Fall Term 2009

Departmental Seminars
3:30 pm, Refreshments, A214 E-Quad
4:00 p.m., A224 E-Quad (Elgin Room)

September 23  Szu Wang, University of California – Irvine
Design of Recombinant Biomimetic Materials with Tailored Functionality

September 30  Jeff Errington, University at Buffalo
Using Molecular Simulation to Understand Wetting at Rough Surfaces

October 7  Troy Shinbrot, Rutgers University
Tribocharging: Still Crazy After All These Years

October 14  Kevin Dalby, University of Texas – Austin
Towards a Biochemical Rationale for MAPK Signaling

October 21  Joe Tien, Boston University
Engineering Functional Human Microvessels In Vitro

Richard H. Wilhelm Lecture Series

George Stephanopoulos
Arthur D. Little Professor of Chemical Engineering
Massachusetts Institute of Technology

Refreshments: 3:30 pm, Friend Center FC113
Lecture: 4:00 pm, Friend Center FC113

A History of Development, Successes and Prospects for the Future

October 28  Nanoscale Process Systems Engineering: The Controlled Formation
of Self-Assembled Nanostructures with Desired Geometries

December 2  Michael Elbaum, Weizmann Institute
Thermodynamics and the Nuclear Pore

December 9  Ruth Nussinov, NIH
Protein-Protein Interactions: What is the Preferred Way for Proteins to Interact?