



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

- October 26 *Process Systems Engineering: From Solvay to the 21st Century.
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?