



Fall Term 2011

## Departmental Seminars

3:30 pm, Refreshments, A214 E-Quad

4:00 p.m., A224 E-Quad (Elgin Room)

- September 21            **Ioannis Yannas**, Massachusetts Institute of Technology  
*Cell-Scaffold Interactions During Organ Regeneration*
- September 28            **Alenka Luzar**, Virginia Commonwealth University  
*Tunable Wetting at the Nanoscale: Atomic Scale Patterning, Little Chemistry, and Electric Field*

### Richard H. Wilhelm Lecture Series

**Martin Feinberg**

The Ohio State University

**Refreshments: 3:30 pm, Friend Center FC113**

**Lecture: 4:00 pm, Friend Center FC113**

- October 3                *Thinking About Chemical Reaction Networks*
- October 5                *Thinking About Chemical Reactors*
- October 12              **Scott Shell**, University of California – Santa Barbara  
*Multiscale Strategies for Modeling Proteins and Liquid Water*
- October 26              **Andrew Spakowitz**, Stanford University  
*Theoretical Modeling in DNA Biophysics and Protein Assembly*
- November 9             **Celeste Nelson**, Princeton University  
*The Mechanics and Dynamics of Tissue Development*
- November 16            **George Huber**, University of Massachusetts - Amherst  
*Clean Catalytic Technologies for Production of Renewable Fuels and Chemicals*
- November 30            **Patrick Sinko**, Rutgers University  
*Cancer Eradication or Chronic Management? Engineering a Holistic Nanoscale Approach to Treat Cancer*
- December 7             **Paul Barton**, Massachusetts Institute of Technology  
*Optimal Design and Operation of Natural Gas Value Chains*
- December 14            **Eric Dufresne**, Yale University  
*Self-Assembly of Photonic Nanostructures: Beyond Crystalline Sphere Packings*