

**Department of Chemical and Materials Engineering
University of Kentucky**

Fall 2007 Seminar Series

F. Paul Anderson Tower 257

September 5
Wednesday, 3 pm

Susan Sinnott, Professor of Materials Science and Engineering,
University of Florida
“Atomistic Modeling of the Tribological Properties of Materials”

September 19
Wednesday 4 pm

Satyakrishna Jujjuri, Department of Chemical & Materials Engineering,
University of Kentucky
***“Metabolic Profiles of Ethanol Sensitivite and Tolerant
Clostridium thermocellum Strains in Continuous Culture”***

September 26
Wednesday, 4 pm

Mainak Majumder, Department of Chemical & Materials Engineering,
University of Kentucky
“Transport Properties through Carbon Nanotube Membranes”

October 3
Wednesday, 4 pm

Jian Xu, Department of Chemical & Materials Engineering,
University of Kentucky
***“Synthesis and Reactivity of Membrane-Supported Bimetallic
Nanoparticles for PCB and Trichloroethylene Dechlorination”***

October 10
Wednesday, 4 pm

Bradley Anderson, Professor of Pharmaceutical Sciences, University of
Kentucky
***“Role of Physicochemical Models in Controlling Drug Release
from Liposomes: Application to Camptothecin Antitumor Agents”***

October 12
Friday, 2 pm

Do Y. Yoon, Professor of Chemistry, Seoul National University,
Seoul, South Korea

October 17
Wednesday, 4 pm

Logan Caldwell, President, Houston BioFuels Consultants LLC
“Biofuels”

October 26
Friday
Center Theater
see

The 2007 Ashland Inc. Distinguished Lecture Series

Klavs F. Jensen, Warren K. Lewis Professor and Department Head of
Chemical Engineering, Massachusetts Institute of Technology
***“Microfluidics – Accelerating Studies of Cell Growth and
Protein Analysis”***

www.engr.uky.edu/cme
for details

James R. Heath, Elizabeth W. Gillon Professor and Professor of Chemistry,
California Institute of Technology
***“NanoSystems Biology and New Technologies for in vitro and in
vivo Diagnostics of Cancer”***

Harold G. Craighead, Charles Lake Jr. Professor in Engineering, Director
of Nanobiotechnology Center, Cornell University
“Nanostructures for Molecular Manipulation and Observation”

Frances S. Ligler, Navy’s Senior Scientist for Biosensors and Biomaterials
“The Array Biosensor and Beyond”

October 31
Wednesday, 4 pm

Gargi Ghosh, Department of Chemical & Materials Engineering,
University of Kentucky

November 14
Wednesday, 4 pm

Beth Dickey, Associate Professor of Materials Science and Engineering,
Pennsylvania State University
“Size Effects in the Growth of Semiconducting Nanowires”