DEPARTMENT OF CHEMICAL ENGINEERING UC SANTA BARBARA
ChE 290 Seminar Schedule
Spring Quarter 2005

HOST: Susannah Scott

Tuesday, March 29  
Kapil Gadkar  
UCSB Student  
Large Scale Model Identification in Systems Biology

Thursday, March 31  
Professor John M. Vohs  
Carl V.S. Patterson Professor and  
Chair of Chemical and BioMolecular Engineering  
University of Pennsylvania  
Development of Hydrocarbon Powered Solid Oxide Fuel Cells

Tuesday, April 5  
Anna Godfrey-Alig  
UCSB Student  
FECO Absorption Spectroscopy of Rhodamine B Films Under Confinement and Shear

Thursday, April 7  
Professor Abhaya Datye  
Director: Center for Micro Engineering Materials  
Associate Chairperson: Chemical & Nuclear Engineering  
University of New Mexico  
Dynamics and Mobility of Nanoparticles in Heterogeneous Catalysts

Tuesday, April 12  
Markus Covert  
David Baltimore Lab – Biology Division  
California Institute of Technology  
Model-Driven Biological Discovery

Thursday, April 14  
Professor Kevin Plaxco  
Department of Chemistry and Biochemistry and  
Program in BioMolecular Science and Engineering  
Better Living Through Biosensors

Thursday, April 21  
Julia Chiu  
UCSB Student  
Synthesis of Sub-micron Structured Materials

Tuesday, April 26  
Kurt Knipmeyer  
UCSB Student  
Jamming and Flow in Concentrated Suspensions

Thursday, April 28  
Dr. Steve Sciamana  
Higher Diamondoids: A New Class of Nanometer-Sized Diamond Molecules

Thursday, May 5  
Professor Andrew L. Zydney  
Department of Chemical Engineering  
Pennsylvania State University  
Membrane Separations: New Opportunities for Protein Purification

Tuesday, May 10  
Michael Sushchikh  
UCSB Student  
Chemical Reactions on Iridium Surfaces: From Ideal Surfaces to Nanoclusters

Thursday, May 12  
Professor Kyle Vanderlick  
Chair of Chemical Engineering  
Princeton University  
Driving Biological Membranes to the Breaking Point: Fundamental Studies Using Lipid Vesicles

Tuesday, May 17  
Jason Baxter  
UCSB Student
ZnO Nanowire Dye Sensitized Solar Cells

Thursday, May 19  
Alex Chu-Kung  
UCSB Student  
Title TBA

Tuesday, May 24  
Feng Li  
UCSB Student  
Polyelectrolyte Brushes at Interfaces: Properties, Structure and Interactions

Thursday, May 26  
Professor Michael Strano  
Departments of Chemical Engineering  
University of Illinois – Urbana-Champaign  
Optical Characterization, Separation and Applications of Single Walled Carbon Nanotubes

Tuesday, May 31  
Jeff Ward  
UCSB Student  
Optimal Operation and Control of Process Systems

Thursday, June 2  
Professor Enrique Iglesia  
Department of Chemical Engineering  
University of California, Berkeley  
Title Forthcoming

Thursday, June 9  
Chris Steinbeck  
UCSB Student  
Abstract Forthcoming

*All seminars are held in 3361 Engineering II at 4:00 p.m.*