

Department of Chemical and Biomedical Engineering, USF

Fall 2008 Seminar Series
Fridays at 2 pm in ENC 1002

Refreshments will be served

Aug

29

Dr. Efrosini Kokkoli, University of Minnesota

Peptide-Functionalized Nanoparticles for Targeted Delivery of Therapeutics

Sept

5

Dr. Brian Schulz, James A. Haley Veterans' Hospital

The Biomechanics and Motor Control of Fall Avoidance, Recovery, and Injury Minimization

12

Dr. Angela Lindner, University of Florida

Life Cycle Assessment of Engineered Products and Processes

19

Dr. Ravindra Datta, Worcester Polytechnic Institute

Topological Analysis of Reaction Networks

26

Dr. Daniel Oerther, University of Cincinnati

Quantifying Active Bacterial Populations in Environmental Samples

Oct

3

Dr. Ryan C. Hayward, University of Massachusetts - Amherst

Instabilities of polymers at interfaces: Creasing of hydrogel surfaces and spontaneous generation of amphiphilic assemblies

10

Richard Connollys and Mohamed Abutayeh, University of South Florida

Seminar 1: Helium Plasma for DNA Delivery to Cells and Tissues

Seminar 2: Passive Vacuum Solar Flash Desalination

17

Dr. Marina Ruths, University of Massachusetts-Lowell

Interaction forces and friction of molecularly thin films

24

Dr. Michael Sigman, University of Central Florida

Forensic Analysis of Complex Chemical Samples by Mass Spectrometry

31

Dr. Jorge Gardea-Torresdey, University of Texas at El Paso

My Journey in Phytoremediation: Metal Uptake, reduction, and nanoparticle formation by plants

Nov

7

Dr. Vinothan N. Manoharan, Harvard University

Self-assembly of colloidal particles at liquid interfaces

14

Dr. Carlos Murillo, National Science Foundation

TBA

21

Dr. Robert J. Lutz, National Institutes of Health

Quantitative methods in assessing drug delivery mechanisms in the eye

Dec

5

Dr. Tonya Peeples, University of Iowa

Oxidative Biocatalysis for Green Process Enhancements