

# Chemical Engineering Seminars

## Fall 2011

All seminars are held in Prescott Hall Room 225 (*unless otherwise noted*)  
from 11:00am – 12:00 on Tuesdays

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**September 27**

Dr. Sharon Berk  
Professor, Center for Management, Utilization and  
Protection of Water Resources  
Tennessee Tech University  
*Effects of Quantum Dots and Gold Nanoparticles on  
Protozoa in Natural Waters*

**October 4**

Dr. Margaret Kosal  
Assistant Professor  
Sam Nunn School of International Affairs  
Georgia Institute of Technology  
*From Chemistry to International Security (aka from beakers  
to bombs)*

**October 11**

Dr. Chien-Pien Chen  
Chair of Chemical Engineering  
University of Alabama in Huntsville  
*Multiscale Modeling of Multicomponent Evaporating Sprays*

**November 1**

Dr. Moises Carreon  
Assistant Professor  
Chemical Engineering  
University of Louisville  
*Zeolite and Metal-Organic-Framework Membranes for CO<sub>2</sub>  
Separation*

**November 15**

Dr. M. Silvina Tomassone  
Assistant Professor  
Department of Chemical and Biochemical Engineering  
Rutgers – The State University of New Jersey

**December 6**

Dr. S. Michael Kilbey II  
Professor  
Polymer Chemistry  
University of Tennessee & Oak Ridge National Lab  
*Controlling Conjugated Polymer Interfaces for  
Optoelectronic Applications*