

COLLOQUIUM SPEAKERS
SPRING 2012

January 20

Dr. Charles Neef

Conductive Polymers

January 27

Deans Hotchkiss and Ragan

KU School of Pharmacy

Pharmacy Careers and Education Information Program

February 3

Dragana Radojic

Enhanced Nucleation Rate of Polyactide in Composites Assisted by Surface Acid Oxidized Nanotubes of Different Aspect Ratios

Darko Ljubic

Polyaniline-Silver Composites Prepared by the Oxidation of Aniline with Mixed Oxidants, Silver Nitrate and Ammonium Peroxydisulfate: The Control of Silver Content.

February 10

Ahmed Alzharani

Mn₂Al-LDH- and Co₂Al-LDH-Stearate as Photodegradants for LDPE Film

Esam Allehyani

Preparation and Properties of Biodegradable Foams

February 17

Dr. Jeanne N. Shera

Kansas Polymer Research Center

Agricultural Protein-Based Materials

February 24

Sultan Almutairi

Mg(OOCCH₃)₂ Interface Modification after Sensitization to Improve Performance in Quasi-solid Dye-Sensitized Solar Cells

Song-Yi Kim

Cu₂O/Graphene Hybrid as Low-cost Photocatalyst for H₂ Evolution

March 2

Doha Alqurashi

Analysis of Vaccinia Viru-Host Protein-Protein Interactions: Validations of Yeast Two-Hybrid Screenings

Evelyn Yambay

Mutational Analysis of Differences in Thermostability between Histones from Mesophilic and Hyperthermophilic Archea

March 9

Salma Zabrmawi

High Throughput Screening of Saliva for Early Detection of Oral Cancer

Jagadeesh Kolattoor

Palladium-Catalyzed Direct Oxidation of Alkenes with Molecular Oxygen: General and Practical Methods for the Preparation of 1,2-Diols, Aldehydes, and Ketones.

March 16

Saurabh Soni

Aromatic Clusters: A Determinant of Thermal Stability of Thermophilic Proteins

Amanda Hatfield

Transcriptome Analysis of the Oil-Rich Seed of the Bioenergy Crop *Jatropha Curcas* L

March 23—Spring Break

March 30

Laura Glenn

Engineering a Photoactivated Caspase-7 for Rapid Induction of Apoptosis

SatheeshPrasad Bandaru

Mechanism of Photo-Oxidation of NH₃ over TiO₂: Fourier Transform Infrared Study of the Intermediate Species

April 6

Haiming Chen

High-Density DNA Alignment of an Au(111) Surface Starting from Folded DNA

Naga Surya Gopal Peetha

Kinetic Analysis of B/HLH/Z Transcription Factors MYC, MAX, and MAD Interaction with Cognate DNA

April 13

Siping Zhuang

Encapsulation of Catalase into Nanochannels of an Inorganic Composite Membrane

Dyllan Landry

The Role of Individual Histidines on the pH Dependent Global Stability of Human CLIC1

April 20

Chase McCoy

Comparative in vivo and in vitro activation of human natural killer cells by two recombinant Alpha-interferons differing in antiviral activity

Jonathon Cullison

Isosorbide as a Renewable Platform

April 27

Andrew Conley

TBA

Steph Stull

Hierarchally Porous Graphene as a Lithium-Air Battery Electrode