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 Radojcic
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

Satheesh Prasad 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