

# DEPARTMENT OF BIOMEDICAL ENGINEERING

## FALL 2014 Seminar Series

**323 Robotics and Manufacturing Building**  
**Fridays at 3:00 pm**

- September**
- 5 **BME GRADUATE STUDENT ORIENTATION**, Drs. David Puleo and Abhijit Patwardhan
- 12 **Christine Trinkle**, Associate Professor, Mechanical Engineering, UK, “Micro and Nanofabrication Techniques for Creating Biomimetic Cell Microenvironments”
- 19 **\*BME Fall Picnic, Shillito Park, Shelter #3**
- 26 **Michael Akenhead**, Ph.D. Student, UK BME, “Mechanistic Insight Connecting Cathepsin B-Mediated Cleavage of CD18 Integrins to the Neutrophil Responses to Shear Stress”
- October**
- 3 **Janet Walker**, MD, Professor, Department of Orthopedics Surgery and Sports Medicine, UK and Shriners Hospital, “Distraction Osteogenesis and the Methods of Gavril Ilizarov”
- 10 **Dan Irwin**, Ph.D. Student, UK BME, “Non Contact CCD-Based Diffuse Optical Correlates and Fluorescence Tomography for Small Animal Imaging”
- 17 **\*Gill Heart Research Day**, See UK Cardiovascular Research Center website – [cvrc.uky.edu/cardiovascular](http://cvrc.uky.edu/cardiovascular). Students are encouraged to submit an abstract and use this as one of their “outside” seminars.
- 24 **BMES meeting, San Antonio, Texas**
- 31 **Claudia Angeli**, Ph.D., Manager, Human Locomotion Research Center-Frazier Rehab Institute, University of Louisville, “Epidural Stimulation of the Human Lumbosacral Spinal Cord: A Summary from Head to Toe”
- November**
- 21 **Farid Yaghouby**, Ph.D. Candidate, UK BME, “Noninvasive Scoring of Mouse Sleep and Behavior Using a Piezoelectric Motion Sensor”
- 29 **Thanksgiving Break**
- December**
- 5 **Theodora Asafo-Adjei**, Ph.D. Candidate, UK BME, “Synthesis and Characterization of a Simvastatin Releasing Polymeric Prodrug”

**\*NOTE DIFFERENT LOCATION, DAY AND/OR TIME**