

**F. Joseph Halcomb III, MD Department of Biomedical Engineering
Fall 2018 Seminar Series**

**Fridays at 3:00 pm unless otherwise stated*
Robotics and Manufacturing Building, Room 323**

- August** 31 ***BME Student Orientation**. RMB 323, 2:30 pm. All students attend. And at **3:00 pm**, **Fanny Chapelin**, Bioengineering, UCSD “¹⁹F Magnetic Resonance Imaging platform to quantify T cell therapy biodistribution, persistence and efficacy”
- September** 7 **Ayman El Baz**, Chair, and **Guruprasad Giridharan**, Assoc. Chair, Department of Biomedical Engineering, University of Louisville. “Role of Big Data in Personalized Medicine”
- 14 **Claudia Angeli**, Senior Researcher, Human Locomotion at Frazier Rehabilitation Center, University of Louisville. “Epidural Stimulation for the Restoration of Function following Severe Spinal Cord Injury.”
- 21 ***Cardiovascular Research Day**, See UK Cardiovascular Research Center website <http://cvrc.med.uky.edu/cardiovascular-research-day>. Students are encouraged to submit an abstract, and may use one or more of these lectures as one of their outside seminars.
- 24 ***Ashland Distinguished Lecture Series**, WT Young Library, WTYL Alumni Gallery (Rm 1-65), **1:30pm – 4:30pm**. Students are encouraged to attend, and may use as an outside seminar.
- October** 5 **Howard Roberts**, Chief Restorative Dentistry, University of Kentucky. “Dentistry is not all Dentistry”
- 12 **Qing Shao**, Assistant Professor, Chemical and Materials Engineering, University of Kentucky. “Molecular Understanding and Design of Materials for Biomedical Applications.”
- 19 **BMES meeting, no seminar**
- 26 **George Pantalos**, Professor, Cardiovascular and Thoracic Surgery and Bioengineering, University of Louisville. “Developing Surgical Capabilities for Exploration Spaceflight”
- November** 2 **Amit Bhattacharya**, Professor of Environmental Health, Biomedical Engineering and Mechanical Engineering, University of Cincinnati Medical College. “A Unique Measure of Bone Quality: Non-invasive, Quick and Inexpensive Tool for Assessing Bone Fragility Associated with Osteoporosis and Heavy Metals.”
- 9 **Janet Walker**, Professor, Orthopedic Surgery, University of Kentucky, and Shriners Hospitals. “Advances in Limb Lengthening”
- 16 **Lina Sharab**, Assistant Professor, College of Dentistry, University of Kentucky. “Reengineering Dentistry.”
- 23 **Thanksgiving Holiday, no seminar**
- 30 **Elie Abu Jawdeh, MD**, Assistant Professor, Pediatrics-Neonatology, University of Kentucky. “Intermittent Hypoxemia in Preterm Infants.”
- December** 7 **Ahmed Bahrani**, PhD Student, UK BME, “Cerebrovascular Diseases: Methods of Diagnosis” **and** **Scott Thalman**, MD/PhD Student, “Blood-Brain Partition Coefficient Correction Improves Gray-White Matter Contrast in Cerebral Blood Flow Measurements in Mice.”

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