

**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**

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| August | 31 | *BME Student Orientation. RMB 323, 2:30 pm. All students attend. And at 3:00 pm , Fanny Chapelin , Bioengineering, UCSD “ ¹⁹ F 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**