

**F. Joseph Halcomb III, MD Department of Biomedical Engineering  
Fall 2019 Seminar Series**

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

- September** 6     **Andrew Bernard**, Trauma and Acute Surgery, UK College of Medicine. "I Wish I had..."- Clinical Problems in Trauma and Surgery that Need a Scientific Solution.
- 13     **Ram Annamalai**, Assistant Professor, UK BME. "Injectable Biomaterial Systems for Vascularized Tissue Regeneration."
- 20     **\*Cardiovascular Research Day; KY Materials Day**, See UK Cardiovascular Research Center website, <http://cvrc.med.uky.edu/cardiovascular-research-day>, KY Materials Day website; <https://sites.google.com/g.uky.edu/mrs2019kentucky> Students are encouraged to submit an abstract and may use one or more of these lectures as one of their outside seminars.
- 27     **Sheng Tong**, Associate Professor, UK BME. " Nanomagnets for Spatial Control of In Vivo Genome Editing."
- October** 4     **Kentucky Neuroscience Institute, Clinical-Translational Research Symposium**, <https://neurology.med.uky.edu/news/4th-annual-kni-clinical-translational-research-symposium>
- 11     **Fanny Chapelin**, Assistant Professor, UK BME. "Fluorine-19 Magnetic Resonance Imaging Platform to quantify T Cell Therapy BioDistribution, Persistence and Efficacy."
- 18     **BMES meeting, no seminar**
- 25     **Caigang Zhu**, Assistant Professor, UK BME. "Metabolic and Vasculature Imaging for Cancer Biology Research."
- November** 1     **Jihye Bae**, Assistant Professor, UK ECE. "Development of Neural Decoders and Neural Signal Emulators: Towards Practical Brain Machine Interfaces."
- 8     **Mark Suckow**, UK BME/DLAR. "Whole Hog for Biomaterials: Studies with Porcine Small Intestinal Submucosa."
- 15     **Zabeen Mahuwala**, UK Neurology. "FDA Approved Neurostimulation Devices in Epilepsy."
- 22     **Hasan Poonawala**, Assistant Professor, UK ME. "Control via Classification, and its Applications in Brain-Machine Interfaces."
- 29     **Thanksgiving Holiday, no seminar**
- December** 6     **Colin Drury**, MS Student, UK BME. Title TBD and **Ahmed Bahrani**, PhD Student, UK BME. "Diffuse Correlation Spectroscopy Technique and Low-Frequency Oscillation Method for Studying Cerebrovascular Diseases on the Aging Population."

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