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

**FALL 2017**
**Fridays at 3:00 pm**
**Room 323, Robotics and Manufacturing Building**

**September**
15 **BME STUDENT ORIENTATION**, all students attend, Dr Patwardhan and Joyce Evans will present course outline

22 **Tom Hedman, Ph.D., BME Research Associate Professor**, “Medical device commercialization”

28 *Ashland Inc, 2017 Distinguished Lectures* WT Young Library, Rm 1-62, 8:30-noon. **Hamid Ghandehari**, Director, Utah Center for Nanomedicine and **David A. Tirrell**, Cal Inst of Tech

Students who attend may also use one or both of these lectures as their “outside” seminars

**October**
6 **Abhijit Patwardhan, Ph.D., BME Professor and Director of Graduate Studies**, “Before and after that one beat”

13 **BMES meeting**, Phoenix, AZ

20 **David Pienkowski, Ph.D., MBA, Associate Professor of Biomedical Engineering and Orthopaedic Surgery**, “When data and money collide”

27 **Sridhar Sunderam, Ph.D., BME Associate Professor.** "Sleep modeling and modulation: an animal perspective."

**November**
3 *Gill Heart Research Day*, See UK Cardiovascular Research Center website cvrc.uky.edu/cardiovascular. Students are encouraged to submit an abstract and may use one or more of these lectures as one of their “outside” seminars.

10 **David Puleo, Ph.D., BME Professor and Associate Dean of Research and Graduate Studies.** “Development of Regenerative Biomaterials”

17 **Guoqiang Yu, Ph.D., BME Professor.** “Noncontact 3D speckle contrast diffuse correlation tomography of tissue blood flow distribution”

24 Thanksgiving break

**December**
1 **Babak Bazrgari, Ph.D., BME Assistant Professor.** “Spine biomechanics; whole body experimental and computational studies”.

8 **Cazmon Suri** MS Student, Biomedical Engineering. “Effects of backpack type on kinematics of lower back and activity of abdominal muscles during walking and jogging” and **Daniel Irwin** PhD Candidate, Biomedical Engineering “Imaging of three-dimensional fluorescence and flow distributions with combined diffuse fluorescence and speckle contrast diffuse correlation tomography instrumentation”

*NOTE DIFFERENT LOCATION, DAY AND/OR TIME*