



The Institute for Biomedical Engineering, the UT Medical Center Graduate School of Medicine and the UT College Veterinary Medicine are hosting a research workshop on May 2, 2016 at the downtown Hilton Hotel.

The purpose of this workshop is to facilitate dialogue and the (hopefully) formation of multi-disciplinary teams that will self-organize and produce significant collaborative research proposals in mutual areas of interest. The workshop will emphasize four selected areas: 1) surgical robotics, 2) big data in medicine, 3) tissue regeneration and engineering, and 4) neuro degenerative disease diagnostics. The workshop will begin with plenary talks in these four thrust areas. After lunch (provided), attendees will participate in breakout sessions in these areas to discuss and identify potential avenues for collaborative proposals and eventually sponsored research. The workshop will conclude with brief summaries by each breakout group.

If you, or your graduate students, would like to attend the workshop, please send your contact information to Kathy Williams at williamk@utk.edu. Space is limited so please register with Kathy as soon as possible.

Time	Activity	Notes
0800-0810 (10)	Introductions & Kick Off	Janet Nelson, Bill Hamel
0810-0835 (25)	Experiences with the Da Vinci Surgical Robot	Wesley White, MD Assistant Professor GSM Department of Surgery, Division of Urology
0835-0900 (25)	Future Directions in Surgical Robotics	Dr. Caleb Rucker Assistant Professor, MABE
0900-0925 (25)	Big Data in Healthcare- A Complex Systems Approach	Bruce Ramshaw, MD, FACS Professor and Chairman GSM Department of Surgery
0925-0950 (15)	Break	
0950-1015 (25)	Tissue Engineering and the Body-Implant Interaction, Using Big Data and Analytics to Predict Patient Response.	Dr. Sheila Grant Professor Bioengineering Department University of Missouri
1015-1040 (50)	Neuro Degen	Dr. Michelle Brewer, MD Neurologist UT Medical Center
1040-1130 (50)	Tissue Regeneration and Engineering	Dave Anderson, DVM, MS, DACVS College of Veterinary Medicine University of Tennessee
1130-1245 (75)	Lunch	
1245-1300 (15)	Charter Breakout Groups	Bill Hamel
1300-1500	Breakout Groups	
1500-1515 (15)	Surgical Robotics Report	Caleb Rucker
1515-1530 (15)	Big Data in Medicine Report	Bruce Ramshaw
1530-1545 (15)	Tissue Regeneration and Engineering Report	Dave Anderson
1545-1600 (15)	Neuro Degenerative Disease Diagnostics Report	Russ Langdon/Eric Wade
1600-1630 (30)	Closing Discussions	Bill Hamel