**PRESENTER:** Dr. Paul S. Dale, Biodesign Program Director  
Chief of Surgical Oncology, Margaret Proctor Mulligan Distinguished Faculty Scholar  
University of Missouri School of Medicine

**TITLE:** MU Biodesign Program: Who we are and how can we help you?

**ABSTRACT:**
The University of Missouri recognizes the growing need to improve patient care through the invention and development of new medical technologies. The MU Biodesign and Innovation Program (MUBIP) purpose is to meet this need in health care and invent the future of patient care through two tiers, multidisciplinary faculty collaboration within the University of Missouri and formal education training in the Biodesign process. Collaborative efforts between the Department of Surgery, School of Medicine, Department of Orthopedics, College of Engineering, and College of Veterinary Medicine are bringing new innovations in Biodesign to meet the growing needs of health care. The educational goal of the fellowship program is to produce high-quality, innovative professionals with the desire and knowledge to continue producing successful medical technologies.

**BIOGRAPHICAL:**
Dr. Dale received his Masters of Science degree from the Biomedical Engineering program at the University of Alabama in Birmingham School of Engineering in 1984 with an emphasis on biomaterials. He then matriculated from the University Of Alabama School Of Medicine in 1988 and completed his surgical residency training at the Mercer University School of Medicine in Macon, Georgia in 1993. After completing a two year fellowship in Surgical Oncology at the John Wayne Cancer Institute in Santa Monica, CA he returned to Macon and spent 10 years building a successful surgical oncology practice. He entered into full time academic medicine at the University Of Missouri School Of Medicine as the Chief of Surgical Oncology in 2004 and currently holds the Margaret Proctor Mulligan Professorship in Breast Cancer Research. In addition to his busy clinical practice Dr. Dale has been directly involved with the Biodesign Program at the University since 2007 and became program director in 2008. Dr. Dale is actively involved in translational research with the biomedical engineering department detecting circulating cancer...

**DATE • TIME • LOCATION:**
Tuesday, December 6, 2011, 4:00 PM, 105 Agricultural Engineering Building

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**Cluster Co-Leaders:** Drs. Fu-hung Hsieh and Jinglu Tan  
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