Cardiothoracic Surgery in the Future
Technology Overview for Residents and Medical Students
5:30 p.m. – 9:00 p.m. | October 27, 2014 | San Francisco, CA

Course Directors
James I. Fann, MD | Stanford University Medical Center, Stanford, CA
Thomas E. Macgillivray, MD | Massachusetts General Hospital, Boston, MA
Daniel L. Miller, MD | WellStar Health System/Mayo Clinic Care Network, Marietta, GA

Course Description
Leaders in cardiothoracic surgery will introduce general surgery residents and medical students to conventional and complex procedures, as well as inform them about new technologies and the 6-year integrated cardiothoracic surgery training program. The primary focus of the session will be hands-on experience with specific cardiothoracic surgical procedures using synthetic and tissue-based simulation models. (*Buffet dinner provided at 5:30 p.m.*)

5:30 p.m. Welcome and Introductions | Thomas E. Macgillivray, MD and James I. Fann, MD
5:40 p.m. Projected Needs of CT Surgery | Walter H. Merrill, MD, Vanderbilt, Nashville, TN
5:50 p.m. The Traditional and 4+3 Pathways to CT Surgery Training | K. Robert Shen, Mayo Clinic, Rochester, MN
5:55 p.m. A Day in the Life of a CT Surgeon | Shanda H. Blackmon, Mayo Clinic, Rochester, MN
6:00 p.m. Update on 6-Year Integrated CT Surgery Programs | Richard H. Feins, MD, University of North Carolina, Chapel Hill, NC
6:10 p.m. Wet Lab Orientation and Station Assignments
9:00 p.m. Dismissal

Cardiac Stations
Aortic Valve and Root Replacement | Thomas E. Macgillivray, MD, Massachusetts General Hospital, Boston, MA
Vessel Suturing | James I. Fann, MD, Stanford University Medical Center, Stanford, CA; Ahmad Y. Sheik, Stanford University, Stanford, CA
Mitral Valve Repair | Walter H. Merrill, MD, Vanderbilt, Nashville, TN
OPCAB | Robert S.D. Higgins, MD, MSHA, Ohio State University, Columbus, OH
Transcatheter Aortic Valve Technology | Eric L. Sarin, MD, Emory University, Atlanta, GA

Thoracic Stations
VATS Lobectomy | Robert McKenna, MD, Cedars Sinai, Los Angeles, CA; Shanda H. Blackmon, MD, Mayo Clinic, Rochester, MN
Endoluminal Esophageal Surgery | Daniel L. Miller, MD, WellStar Health System, Marietta, GA
EBUS | Felix G. Fernandez, MD, Emory University, Atlanta, GA
Chest Wall Reconstruction and Rib Fracture Repair | David T. Cooke, MD, University of California – Davis Medical Center, Sacramento, CA; M. Blair Marshall, MD, Georgetown University, Washington, DC

*Agenda and speakers are subject to change.*
Cardiothoracic Surgery
Helpful Links & Resources

- The Society of Thoracic Surgeons — www.sts.org
  - What it takes to be part of this exciting and rewarding specialty
    www.sts.org/misc/become-surgeon
  - STS Pre-Candidate Membership (2014 dues only $12.50!)
    www.sts.org/membership
  - Info for Residents and Medical Students
    www.sts.org/residents-students
  - STS Social Media
    www.twitter.com/sts_ctsurgery
    www.youtube.com/user/ThoracicSurgeons

- Thoracic Surgery Residents Association (TSRA) — www.tsra.org

- Joint Council on Thoracic Surgery Education (JCTSE) — www.jctse.org

- Women in Thoracic Surgery (WTS) — www.wtsnet.org