COURSE DIRECTORS
Thomas E. MacGillivray, MD, DeBakey Heart and Vascular Center, Houston, TX
Rishindra M. Reddy, MD, University of Michigan, Ann Arbor, MI
Jennifer D. Walker, MD, UMass Memorial Medical Center, Worcester, MA

COURSE DESCRIPTION
Led by respected cardiothoracic surgeons, this course will introduce general surgery residents and medical students to conventional and complex cardiothoracic surgery procedures. Following dinner and information about integrated cardiothoracic surgery training programs, more than 2 hours will be devoted to hands-on training in specific cardiothoracic surgical procedures using synthetic and tissue-based simulation models.

AGENDA
6:00 p.m. Dinner, Welcome, and Introductions
Jennifer Walker, MD, UMass Memorial Medical Center, Worcester, MA, and Rishindra M. Reddy, MD, University of Michigan, Ann Arbor, MI

6:05 p.m. Update to the Traditional and Integrated CT Surgery Program
Rishindra M. Reddy, MD, University of Michigan, Ann Arbor, MI

6:10 p.m. A Day in the Life of a Cardiac Surgeon
Jennifer Walker, MD, UMass Memorial Medical Center, Worcester, MA

6:20 p.m. A Day in the Life of a General Thoracic Surgeon
Rishindra M. Reddy, MD, University of Michigan, Ann Arbor, MI

6:40 p.m. Wet Lab Orientation and Station Assignments
Cardiac Stations
Aortic Valve Replacement
Thomas E. MacGillivray, MD, DeBakey Heart and Vascular Center, Houston, TX, David A. D’Alessandro, MD, Massachusetts General Hospital, Boston, MA, Eric N. Feins, MD, Massachusetts General Hospital, Boston, MA, and Ricardo A. Bello, MD, Massachusetts General Hospital, Boston, MA
**Vessel Suturing**
Jennifer Walker, MD, UMass Memorial Medical Center, Worcester, MA, Leora B. Balsam, MD, UMass Memorial Medical Center, Worcester, MA, Mauricio A. Villavicencio-Theoduloz, MD, Massachusetts General Hospital, Boston, MA, and Joseph E. Flack, MD, St. Francis Medical Center, Hartford, CT

**Mitral Valve Repair**
Walter H. Merrill, MD, Vanderbilt University, Nashville, TN, Afshin Ehsan, MD, Rhode Island Hospital, Providence, RI, Serguei Melnitchouk, MD, Massachusetts General Hospital, Boston, MA, and Meena Nathan, MD, Children’s Hospital Boston, Boston, MA

**Thoracic Stations**
**VATS Lobectomy**
Christopher T. Ducko, MD, Brigham & Women’s Hospital, Boston, MA, John C. Wain, MD, St. Elizabeth’s Medical Center, Brighton, MA, Brian B. Whang, MD, Brigham & Women’s Hospital, Boston, MA, Abby White, MD, Brigham & Women’s Hospital, Boston, MA, Jennifer L. Wilson, MD, Beth Israel Deaconess Medical Center, Boston, MA, and Kiran H. Lagisetty, MD, University of Michigan Medicine, Ann Arbor, MI

**Esophageal Anastomosis**
Raphael Bueno, MD, Brigham & Women’s Hospital, Boston, MA, Sidharta Gangadharan, MD, Beth Israel Deaconess Medical Center, Boston, MA, Michael S. Kent, MD, Beth Israel Deaconess Medical Center, Boston, MA, Leonidas Tapias, MD, Jon O. Wee, MD, Brigham & Women’s Hospital, Boston, MA, and Daniel C. Wiener, MD, Brigham & Women’s Hospital, Boston, MA

**Chest Wall Reconstruction/Rib Fixation**
Benedict D. Daly, MD, Boston Medical Center, Boston, MA, Marcelo DaSilva, MD, Brigham & Women’s Hospital, Boston, MA, Henning Gaissert, MD, Massachusetts General Hospital, Boston, MA, Rose B. Ganim, MD, Baystate Thoracic Surgery, Springfield, MA, Ashok Muniappan, MD, Massachusetts General Hospital, Boston, MA, and Michael T. Jaklitsch, MD, Brigham & Women’s Hospital, Boston, MA

9:00 p.m.   Adjournment

**Cardiothoracic Surgery Resources**
- STS Membership for Residents and Medical Students: [sts.org/membership](http://sts.org/membership)
- STS Resources for Residents and Medical Students: [sts.org/residents-students](http://sts.org/residents-students)
- Thoracic Surgery Residents Association: [tsranet.org](http://tsranet.org)
- Women in Thoracic Surgery: [wtsnet.org](http://wtsnet.org)