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Practical Anatomy & Surgical Education  
3839 Lindell Boulevard • St. Louis, Missouri, USA • 63108-3413

1ST ANNUAL

# ST. LOUIS CARDIAC SURGERY SYMPOSIUM

**FEBRUARY 9, 2019**

ST. LOUIS, MISSOURI, USA

<http://pa.slu.edu>



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# ST. LOUIS CARDIAC SURGERY SYMPOSIUM

Course Co-ordinators:

**Mary Ann Cunningham, RN, DNP, ACNP-BC, CNS-BC**

**Amy Howe, BSN, MSN, ANP**

**Special Honored Keynote Speaker:**

**Nicholas T. Kouchoukos, MD**

Jointly planned by  
Saint Louis University School of Medicine,  
Washington University School of Medicine and  
John Cochran VAMC



An offering through: Practical Anatomy & Surgical Education, Department of Surgery  
Saint Louis University School of Medicine

<http://pa.slu.edu>



## For Surgeons, Primary Care Physicians, Cardiologists, Fellows, Residents, Medical Students, Nurse Practitioners, Physician Assistants, Nurses, Perfusionists, and other interested Health Care Professionals.

### EDUCATIONAL OBJECTIVES

This First Annual Cardiovascular Symposium is designed to provide updates in cutting edge cardiac surgery taking place in St. Louis. The latest clinical and technological advances will be presented by local experts in an effort to collaborate, network and share innovative cardiac surgical care with the community.

- Review historical perspectives of cardiac surgery specific to contributions from St. Louis surgeons presented by one of cardiac surgeries' leading specialist in the field.
- Explore the background and development of the Cox IV procedure and current surgical considerations.
- Review the minimally invasive TAVR procedure, Mitral Valve repair and LIMA to the LAD with delayed PCI Hybrid
- Discuss the latest developments in mechanical heart failure support
- Review the latest surgical techniques in pediatric cardiac surgery
- Review cadaveric demonstrations to identify the intricate surgical anatomy associated with cardiac bypass
- Discuss and view demonstrations of a sternotomy, cannulation for cardiopulmonary bypass, saphenous vein harvest and bypass techniques.
- Promote career growth and development of all practitioners toward the care of cardiac surgical patients

### CONTINUING EDUCATION

Accreditation: Saint Louis University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation: Saint Louis University School of Medicine designates this live activity for a maximum of 8 AMA PRA Category 1 Credit(s)™.

Physicians should only claim credit commensurate with the extent of their participation in the activity.

### REGISTRATION:

For Further Course Details and REGISTRATION Click On (or type in your internet browser) the link below:  
<http://pa.slu.edu>

This workshop will be held at the PASE Learning Center located in Young Hall, 3839 Lindell Boulevard, Saint Louis, MO 63108

### TUITION FEES:

Physicians: .....\$195  
Residents/Fellows/USA Military/  
CRNA's/NP's/PA's/ Perfusionists: .....\$125  
RN's/PT's/Medical Students/All Other Allied Health  
Professionals: .....\$90

The education the participant gains through our CME activities does not satisfy training requirements to perform the surgery.

## Saturday, February 9, 2019

7:30 AM-5:30 PM

- Introduction
- Keynote Speaker: Historical Perspectives in Cardiac Surgery
- Cox Maze IV
- Trans Aortic Valve Replacement "TAVR"
- Heart Failure Updates
- Minimally Invasive Mitral Valve Repair/ Replacement
- Minimally Invasive Options for CABG and AVR
- Advances in Interventional Coronary Artery Disease
- Updates in Pediatric Cardiac Surgery
- Transesophageal ECHO in Cardiac Surgery
- Cardiac Surgery Anesthesia
- 3D Cadaver Demonstration – Surgical Procedures:
  - Sternotomy
  - Anatomical Review - Valves, Coronary Arteries
  - Cannulation
  - Vein Harvest
  - Bypass Techniques
- Evaluations

### Course Co-Coordinators:

#### Mary Ann Cunningham, RN, DNP, ACNP-BC, CNS-BC

Clinical Nurse Specialist Cardiac Surgery  
Acute Care Nurse Practitioner, Surgical Services  
U.S. Department of Veterans Affairs  
John Cochran VA Medical Center  
Adjunct Faculty Acute Care Nurse Practitioner Program  
Saint Louis University School of Nursing  
St. Louis, MO

#### Amy Howe, BSN, MSN, ANP

Adult Nurse Practitioner  
Division of Cardiothoracic Surgery  
Barnes Jewish Hospital  
St. Louis, Mo

### Special Honored Guest:

#### Nicholas T. Kouchoukos, MD

John M. Shoenberg Emeritus Chair  
of Cardiothoracic Surgery  
Attending Surgeon, Division of Cardiovascular  
and Thoracic Surgery  
Missouri Baptist Medical Center, BJC HealthCare  
St. Louis, Mo

### Distinguished Faculty:

#### Ralph J. Damiano, Jr.

Evarts A. Graham Professor of Surgery  
Chief, Cardiothoracic Surgery  
Co-Chair, Heart and Vascular Center  
Washington University School of Medicine  
St. Louis, Mo

#### Muhammad Faraz Masood, MD

Assistant Professor of Surgery  
Division of Cardiothoracic Surgery  
Washington University School of Medicine  
John Cochran VA Medical Center  
St. Louis, Mo

#### Spencer J. Melby, MD

Associate Professor of Surgery,  
Division of Cardiothoracic Surgery  
Washington University School of Medicine  
Chief Cardiothoracic Surgery  
St. Louis VA Medical Center  
St. Louis, Mo

#### Karthik Muthusamy, MD

Department of Anesthesiology  
John Cochran VA Medical Center

#### Michael Forsberg, MD

Division of Cardiology  
Saint Louis University School of Medicine  
SSM Health Saint Louis University Hospital  
John Cochran VA Medical Center  
St. Louis, Mo

#### Jiafu Ou, MD

Assistant Professor of Medicine  
Washington University School of Medicine  
Chief, Noninvasive Imaging  
John Cochran VA Medical Center  
St. Louis, Mo

#### Charles B. Huddleston, MD

Professor of Cardiothoracic Surgery, Pediatrics  
SSM Health Cardinal Glennon Children's Hospital  
SSM Health Saint Louis University Hospital  
St. Louis, MO

#### Puja Kachroo, MD

Assistant Professor of Surgery,  
Division of Cardiothoracic Surgery  
Washington University School of Medicine  
St. Louis, Mo

Faculty subject to change, for updates, please go to <http://pa.slu.edu>