

UPMC APP Academy

Biomedical Science Tower BST S120

Friday, Sept. 11 – Saturday, Sept. 12, 2020



Presented by the UPMC Department of Cardiothoracic Surgery

UPMC Course Directors

Alexandrea Bartow, MSN, ACNP-BC, MBA

Director, Advanced Practice Provider Education
and Development

Clinical Instructor of Cardiothoracic Surgery

UPMC Department of Cardiothoracic Surgery

Matthew Vercauteren, MPAS, PA-C

Thoracic Robotic Course Lead

UPMC Department of Cardiothoracic Surgery

Angela Gallagher, MSN, ACNP-BC

Clinical Administrator

UPMC Department of Cardiothoracic Surgery

UPMC
LIFE CHANGING MEDICINE

Introduction

This course provides an exciting opportunity for advanced practice providers to obtain and build upon previously established skillsets in preoperative, perioperative, and postoperative management of patients with complex diseases of the heart, lungs, esophagus, and mediastinum.

Cardiothoracic surgery advanced practice providers encounter a broad range of complex diseases that require a highly specialized skill set, including management of heart failure, coronary artery disease, thoracic cancers, care of the critically ill patient, and much more.

This two-day, interactive course aims to empower and enable advanced practice providers to develop the knowledge, skills, and competencies to build successful and fulfilling careers in cardiothoracic surgery both inside and outside the operating room.

Learning Objectives

- Expand clinical knowledge and technical skills regarding cardiothoracic surgery bedside and operative procedure skills.
- Introduction to both surgical and non-surgical advanced practice provider roles within cardiothoracic surgery and broader surgical specialties.
- Engage in professional development opportunities within the subspecialty, including quality initiative projects, physician collaboration, academic leadership, and APP-to-APP mentorship.
- Enhance existing knowledge and learn new skills that can be further built upon in daily practice.
- Opportunity for direct demonstration, personalized instruction, and extensive hands-on practice in fundamental skills for the cardiothoracic APP through a full day of simulation labs utilizing synthetic tissue, simulators, and porcine tissue.

Target Audience

APP Academy is intended for physician assistants and nurse practitioners currently practicing in surgical specialties, physician assistants and nurse practitioners interested in transitioning their current practice to a surgical specialty, and any physician assistant or nurse practitioner students.

Parking

UPMC APP Academy will provide parking in the UPMC Presbyterian patient garage, located on 200 Lothrop Street. When you arrive, please let the parking garage attendant know you are here to attend the UPMC APP Academy. Parking will be validated for both days of the course.

Registration Information

Registration fees for practicing physician assistants and nurse practitioners are \$75/entire course. Physician assistant and nurse practitioner students can register for the entire course for \$50. Registration fee is waived for APPs employed by UPMC or APP students at the University of Pittsburgh.

Registration Fee Includes

This course is limited to a maximum of 25 spots, available first come, first served.

Registration fee includes:

- Complimentary hors d'oeuvres on didactic day of course
- Complimentary breakfast and lunch on hands-on day of course
- Didactic materials provided on USB drive
- UPMC gift
- Networking opportunities

Registration can be canceled without penalty up until Sept. 1, 2020. After Sept. 1, cancellation will be subject to a \$25.00 administrative fee.

Continuing Medical Education Credit

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the health care team.

Nursing (CNE)

The maximum number of hours awarded for this Continuing Nursing Education activity is 11.0 contact hours.

Physician Assistant (AAPA)

The University of Pittsburgh has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 11.0 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

Other Health Care Professionals

Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

The UPMC Center for Continuing Education in the Health Sciences

To learn more about our current and upcoming CME programs or to earn CME credits online, visit us at <https://cce.upmc.com>.

Disclaimer Statement

The information presented at this CME program represents the views and opinions of the individual presenters, and does not constitute the opinion or endorsement of, or promotion by, the UPMC Center for Continuing Education in the Health Sciences, UPMC/University of Pittsburgh Medical Center or Affiliates and University of Pittsburgh School of Medicine. Reasonable efforts have been taken intending for educational subject matter to be presented in a balanced, unbiased fashion and in compliance with regulatory requirements. However, each program attendee must always use his/her own personal and professional judgment when considering further application of this information, particularly as it may relate to patient diagnostic or treatment decisions including, without limitation, FDA-approved uses and any off-label uses.

Course Contact

Angela Kinnunen, MPA

Project Manager
UPMC Department of Cardiothoracic Surgery

UPMC Presbyterian Hospital

200 Lothrop St., Suite C903
Pittsburgh, PA 15213
kinnunenae@upmc.edu

412-770-4949

Friday, September 11: Didactic Sessions

UPMC Presbyterian Hospital,
Biomedical Science Tower, BST S120

2:30-3 p.m.

Registration and Refreshments

3-3:20 p.m.

Welcome and Introduction

Alexandrea Bartow, MSN, ACNP-BC, MBA

3:20-3:40 p.m.

Review of Bronchial Anatomy and Bronchoscopy

Danielle Bajus, ACNP-BC, DNP

3:40-4:10 p.m.

Pulmonary Anatomy and Robotic Assisted Surgery

Matthew Vercauteren, MPAS, PA-C

4:10-4:30 p.m.

CABG and Endoscopic Vein Harvesting

Rachel Peabody, MPAS, PA-C

4:30-5 p.m.

**Introduction to Extra Corporal Membrane
Oxygenation (ECMO)**

Jane Guttendorf, DNP, CRNP, ACNP-BC, CCRN

5-5:20 p.m.

Break

5:20-5:40 p.m.

APP Fellowship and Transition to Practice

Theresa Borrelli, MPAS, PA-C

5:40-6:10 p.m.

Thoracic Lines and Tubes: What You Need to Know

Diane Strollo, MD

6:10-6:30 p.m.

Applying Point-of-Care Ultrasound into Your Daily Practice

Cecelia Ratay, ACNP-BC, DNP

6:30-6:50 p.m.

**Perioperative Collaboration: Multidisciplinary
Contributions to Effective Communication**

Allison Lewis, MSN, CRNA, MBA

6:50-7:10 p.m.

Team Based Care Model: APP and Surgeon Collaboration

Angela Gallagher, MSN, ACNP-BC

7:10-7:30 p.m.

Questions, Discussion, Networking

7:30 p.m.

Day One Conclusion

Saturday, September 12: Hands-On Skills Labs

UPMC Presbyterian Hospital, Biomedical
Science Tower, S120
UPMC Center for Advanced Robotic
Training Laboratory
UPMC Animal Laboratory

7-8 a.m.

Registration, Networking, and Continental Breakfast

8-8:15 a.m.

Review of Procedure Stations and Rotation Schedule

Alexandrea Bartow, MSN, ACNP-BC, MBA

8:30 a.m.-12:30 p.m.

Stations

- Robotic Surgery: *Matthew Vercauteren, MPAS, PA-C*
- Point-of-Care Ultrasound: *Patrick Coppler, PA-C and Cecelia Ratay, ACNP-BC, DNP*
- Endoscopic Vein Harvesting: *Rachel Peabody, MPAS, PA-C*
- ECMO (Procirca): *Raj Ramanan, MD*
- Endoscopic Piloting: *Rajeev Dhupar, MD, MBA, FACS and Theresa Borrelli, MPAS, PA-C*
- Common Surgical Instruments: *Renee Levesque, MD*
- Bronchoscopy: *Ernest Chan, MD and Syed Faaz Ashraf, MD*
- Chest Tube and Pigtail Catheter Insertion: *Omar Awais, DO, Pablo Sanchez, MD, PhD, FACS and Joe Martin, MPAS, PA-C*
- Cardiac Anatomy Lab: *Patrick Chan, MD and Allison Davila, MD*
- Sternotomy and Thoracotomy: *Pyongsoo Yoon, MD and Nicholas Baker, MD*

12:30-12:40 p.m.

Lunch

1-4 p.m.

Stations Continued

4 p.m.

APP Academy Conclusion

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Angela Gallagher, MSN, ACNP-BC

Clinical Administrator
UPMC Department of Cardiothoracic Surgery

Invited Speakers and Proctors

Michael Anselmi, BS, CCP, LP

Director, ECMO
University of Pittsburgh Medical Center

Syed Faaz Ashraf, MD

Integrated Resident in Cardiothoracic Surgery, PGY2
UPMC Department of Cardiothoracic Surgery

Danielle Bajus, DNP, CRNP

Advanced Practice Provider Supervisor
UPMC Department of Cardiothoracic Surgery

Theresa Borrelli, MPAS, PA-C

Physician Assistant, Senior
UPMC Department of Cardiothoracic Surgery

Ernest G. Chan, MD, MPH

Integrated Resident in Cardiothoracic Surgery, PGY4
UPMC Department of Cardiothoracic Surgery

Patrick G. Chan, MD, MPH

Integrated Resident in Cardiothoracic Surgery, PGY6
UPMC Department of Cardiothoracic Surgery

Patrick J. Coppler, PA-C

Physician Assistant, Senior
Department of Emergency Medicine
Post Cardiac Arrest Service

Allison Davila, MD

Independent Fellow in Cardiothoracic Surgery, PGY6
UPMC Department of Cardiothoracic Surgery

Brandon D'Aloiso BSE, CCP, LP

Lead Perfusionist, Education, ProCirc
University of Pittsburgh Medical Center

Ryan Dzaodony, MEd, CCP, LP

Director, UPMC School of Cardiovascular Perfusion
University of Pittsburgh Medical Center

Renee Levesque, MD

Independent Fellow in Cardiothoracic Surgery, PGY6
UPMC Department of Cardiothoracic Surgery

Allison Lewis, MSN, CRNA, MBA

Clinical Director, UPMC Passavant
UPMC Department of Anesthesiology

Joe Martin, MSPA, PA-C

Clinical Instructor
UPMC Department of Radiology

Rachel Peabody, MPAS, PA-C

Physician Assistant, Senior
UPMC Heart and Vascular Institute

Jane Guttendorf, DNP, CRNP, ACNP-BC, CCRN

Assistant Professor and Coordinator,
University of Pittsburgh School of Nursing AGACNP
Acute Care Nurse Practitioner, Senior
UPMC Department of Critical Care Medicine

Cecelia Ratay, DNP, CRNP

Acute Care Nurse Practitioner
UPMC Department of Critical Care Medicine

Diane Strollo, MD

Associate Professor of Cardiothoracic Surgery
UPMC Department of Cardiothoracic Surgery

Course Faculty Consultants

Omar Awais, DO

Assistant Professor of Cardiothoracic Surgery
Chief, Thoracic Surgery, UPMC Mercy
UPMC Department of Cardiothoracic Surgery

Nicholas Baker, MD

Assistant Professor of Cardiothoracic Surgery
UPMC Department of Cardiothoracic Surgery

Rajeev Dhupar, MD, MBA, FACS

Assistant Professor of Cardiothoracic Surgery
Chief, Thoracic Surgery, VAPHS
UPMC Department of Cardiothoracic Surgery

James D. Luketich, MD, FACS

Henry T. Bahnson Professor of Cardiothoracic Surgery
Chairman, Department of Cardiothoracic Surgery
Chief, Division of General Thoracic and Foregut Surgery
UPMC Department of Cardiothoracic Surgery

Raj Ramanan, MD

Assistant Professor of Critical Care Medicine
Department of Critical Care Medicine
Medical Director, Rapid Response Team
Medical Director, UPMC ProCircu ECMO Education

Pablo G. Sanchez, MD, PhD, FACS

Vice Chairman, Benign Lung Diseases
Surgical Director, Lung Transplantation and ECMO
Director, Lung Transplant Research
Director, Ex Vivo Lung Perfusion (EVLV) Program
UPMC Department of Cardiothoracic Surgery

Inderpal S. Sarkaria, MD, MBA, FACS

Vice Chairman, Clinical Affairs
Director, Thoracic Robotics
Co-Director, Esophageal and Lung Surgery Institute
UPMC Department of Cardiothoracic Surgery

Ibrahim Sultan, MD, FACS

Assistant Professor of Cardiothoracic Surgery
Director, Center for Thoracic Aortic Disease
Co-Director, Center for Transcatheter Aortic Valve Therapies
UPMC Heart and Vascular Institute
Department of Cardiothoracic Surgery

Pyongsoo Yoon, MD, FACS

Associate Professor of Cardiothoracic Surgery
Co-Clinical Director, UPMC Heart and Vascular Institute
Department of Cardiothoracic Surgery

This course adheres to state, local, and UPMC COVID-19 guidelines.

Faculty Disclosures

All individuals in a position to control the content of this education activity including members of the planning committee, speakers, presenters, authors, and/or content reviewers have disclosed all relevant financial relationships with any proprietary entity producing, marketing, re-selling, or distributing health care goods or services, used on, or consumed by, patients.

The following relevant financial relationships were disclosed:

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Other

Legal Expert Witness

Raj Ramanan, MD

Other: Medical Director, ProCircu

Inderpal S. Sarkaria, MD, FACS

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Matthew Vercauteren, MPAS, PA-C

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