2014 DISTINGUISHED FACULTY

**Jeremiah Martin, MD**
Assistant Professor of Surgery, division of Cardiothoracic Surgery, University of Kentucky Medical Center, Lexington, KY

**Joseph T. McGinn, Jr., MD**
Medical Director, Heart Institute of New York; Dir. of Cardiothoracic Surgery & Chairman, Dept. of Surgery at Staten Island University Hospital, New York

**Shari Meyerson, MD**
Associate Professor of Surgery, Northwestern University, Thoracic Surgeon, Northwestern Memorial Hospital, Chicago, IL

**Daniel L. Miller, MD**
Chief of General Thoracic Surgery and Dir. of Clinical Research for Wellstar Healthcare System, Marietta, GA

**Melissa Obmann, DO, FACS**
Associate in Endovascular and Vascular Surgery, Geisinger Wyoming Valley Medical Center, Wilkes-Barre, PA

**Robert Poston, MD**
Medical Director, Adult and Robotic Cardiac Surgery Program; Professor of Surgery, University of Arizona, Tucson, AZ

**Heather Prichard, PhD**
Biomedical Engineer; Director of Early Clinical Development for Humacyte

**Kenneth Serio, MD**
Co-Director of the Intensive Care Unit at Scripps Green Hospital, LaJolla, CA

**K. Robert Shen, MD**
Associate Professor of Surgery and Consultant at Mayo Clinic, Rochester, MN

**Deepak Singh, MD**
Director of Cardiothoracic Surgery, Geisinger Northeast, and Director of Mechanical Circulatory Support for Geisinger Heart Institute, Danville, PA

**Peter K. Smith, MD**
Professor and Chief of Cardiothoracic Surgery at Duke University, Durham, NC

**Kevin Stephens, MD**
Associate Staff Physician and Radiation Oncology Clinical Research Director at the Cleveland Clinic, Cleveland, OH

**Greg Thomas, PA, MPH**
Consultant with NCCPA on topics related to education of maintenance of certification

**Eric Toloza, MD, PhD**
Department of Thoracic Surgery, Moffitt Cancer Center, Tampa, FL

**Steven Yang, MD**
Professor of Surgery and Oncology at The Johns Hopkins University School of Medicine, Baltimore, MD
### Thursday, January 23, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>0630-0830</td>
<td>Breakfast</td>
<td>Caribbean Ballroom Foyer</td>
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<tr>
<td>0700-0730</td>
<td>President's Address</td>
<td>Caribbean Ballroom VI/VII</td>
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<tr>
<td>0730-0745</td>
<td>Susan Lusty Excellence in Publication Award</td>
<td>Caribbean Ballroom VI/VII</td>
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<tr>
<td>0745-0830</td>
<td>Cardiac Surgical Unit Adv. Life-Support (CSU-ALS) - Part 1</td>
<td>Boca I - IV</td>
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<tr>
<td>0830-0930</td>
<td>Advanced Topics in Endovascular Surgery</td>
<td>Caribbean Ballroom VI/VII</td>
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<tr>
<td>0930-1000</td>
<td>AM Break</td>
<td>Caribbean Ballroom Foyer</td>
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<tr>
<td>1000-1200</td>
<td>Heart Failure Symposium: Update on Medical &amp; Surgical Management of Heart Failure</td>
<td>Caribbean Ballroom VI/VII</td>
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<tr>
<td>1200-1400</td>
<td>Lunch &amp; Learn: MAQUET Medical Systems</td>
<td>Martinique Ballroom</td>
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<tr>
<td>1200-1400</td>
<td>Lunch &amp; Learn: Biomet Microfixation</td>
<td>Sierra Ballroom C</td>
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<tr>
<td>1400-1830</td>
<td>CSU-ALS Course - Part 2</td>
<td>Boca I - IV</td>
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<tr>
<td>1500-1600</td>
<td>Break with Exhibitors</td>
<td>Caribbean Ballroom V</td>
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<tr>
<td>1600-1630</td>
<td>Break with Exhibitors</td>
<td>Caribbean Ballroom V</td>
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<tr>
<td>1630-1730</td>
<td>NCCPA Update</td>
<td>Caribbean Ballroom VI/VII</td>
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<tr>
<td>1900-2200</td>
<td>Dinner &amp; Learn: Ethicon US LLC</td>
<td>Martinique Ballroom</td>
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<tr>
<td>0730-0830</td>
<td>CAD: IVUS and FFR to Guide Surgical Decision Making</td>
<td>Caribbean Ballroom VI/VII</td>
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<tr>
<td>0730-1130</td>
<td>Thoracoscopic Surgical First Assistant Course - AM Session</td>
<td>Nicholson Center</td>
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<tr>
<td>0830-1200</td>
<td>The APACVS Endoscopic Vein Harvesting Panel of Experts</td>
<td>Caribbean Ballroom VI/VII</td>
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<tr>
<td>1000-1030</td>
<td>Break with Exhibitors</td>
<td>Caribbean Ballroom V</td>
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<tr>
<td>1200-1400</td>
<td>Lunch &amp; Learn: Terumo Cardiovascular Systems</td>
<td>Martinique I</td>
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<tr>
<td>1300-1700</td>
<td>Thoracoscopic Surgical First Assistant Course - PM Session</td>
<td>Nicholson Center</td>
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<tr>
<td>1400-1500</td>
<td>CABG: The Future of MICS and Hybrid Approach</td>
<td>Caribbean Ballroom VI/VII</td>
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<tr>
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<td>Update in TAVR Therapy</td>
<td>Caribbean Ballroom VI/VII</td>
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<tr>
<td>1900-2200</td>
<td>Sea World Social Event—open to all attendees</td>
<td>Sea World</td>
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Additional details can be found on the APACVS website: [www.APACVS.org](http://www.APACVS.org)
Saturday, January 25, 2014

0630-0830 Breakfast .................................................. Caribbean Ballroom V
0730-0830 Pleural Effusions: Presentations, Workup and Differential .................................. Caribbean Ballroom VI/VII
0730-1200 Cardiac Surgical Unit Adv. Life-Support (CSU-ALS) - Part 1 ................................. Boca I - IV
0830-0930 Surgical Management of Pleural Effusions .................................................. Caribbean Ballroom VI/VII
0930-1000 Break with Exhibitors .......................................... Caribbean Ballroom V
1000-1100 Early Stage Esophageal Cancer & High-Grade Barrett’s Esophagus .................. Caribbean Ballroom VI/VII
1100-1200 Chest Wall Tumors, Reconstruction, & Congenital Anomalies .................. Caribbean Ballroom VI/VII
1200-1400 Lunch & Learn: AtriCure, Inc. ........................................................................ Sierra Ballroom D
1200-1400 Lunch & Learn: ConvaTec, Inc. ......................................................................... Sierra Ballroom F
1400-1600 The Great Lung Cancer Debate: SBRT/RFA vs. Surgery for Early Stage Lung Cancer .................................. Caribbean Ballroom VI/VII
1400-1830 CSU-ALS Course - Part 2 ........................................................................ Boca I - IV
1600-1730 Mediastinal Masses: Presentation, Workup, Surgical Mgmnt. .................. Caribbean Ballroom VI/VII

Sunday, January 26, 2014

0630-0830 Breakfast .................................................. Caribbean Ballroom Foyer
0700-0800 APACVS Membership Meeting .................................................. Caribbean Ballroom VI/VII
1100-1130 AM Break .................................................. Caribbean Ballroom Foyer
1130-1230 Prevention & Treatment of Post-op Complications in the ICU .................................. Caribbean Ballroom VI/VII

THANK YOU
APACVS would like to recognize and offer thanks to the hardworking 2014 CME Program Committee.
Co-Chairs: Douglas W. Long, PA-C, FAPACVS
Laura Sirgedas, PA-C
CME Committee Chair: Steven M. Gottesfeld, PA-C
Thursday, January 23, 2014

0730-0830
Susan Lusty Excellence in Publication Award Presentation:
Physician Assistant Model for Lung Procurements: A Paradigm
Worth Considering
Joseph Costa, DHSc, PA-C
Participants will be able to understand and appreciate why a new organ
collection paradigm is needed in the future; understand and list
salient reasons a PA lung procurement model is valuable and should
be embraced; summarize how a PA lung procurement model can help
address future shortage of cardiothoracic surgeons; explain how the
PA lung procurement model may positively impact lung transplant
outcomes.

0830-0930
Advanced Topics in Endovascular Surgery
Melissa Obmann, MD
Participants will be able to review the current literature trends in
Endovascular Surgery in relationship to open procedures; review and
discuss the indications for Endovascular treatment of Aortic disease;
review and discuss the indications when to proceed with Endovascular
treatment of Peripheral Arterial Disease.

1000-1200
Heart Failure Symposium – Medical Management
Sanjay Dodamani, MD and Deepak Singh, MD
Participants will be able to review the indications for home infusion
medications in Advanced Heart Failure; review the latest treatment
goals for Heart Failure; review and discuss the indications for
Ventricular Assist Device Treatment; review the indications for
Ventricular Assist Device Therapy as a bridge to transplant versus
destination therapy.

1400-1500
Tissue Engineered Vascular Grafts: Development, Preclinical
Testing & Early Clinical Experience
Heather Prichard, PhD
Participants will be able to understand: the limitations of current
clinically used vascular graft material; the structure of tissue engineered
vascular grafts; and how newly developed vascular grafts are tested
prior to first-in-man implants.

1600-1700
The Management of Surgical Bleeding & Thrombosis
Jeffrey H. Lawson, MD, PhD
Participants will be able to understand the physiology of hemostasis;
discuss/review the current laboratory and clinical measurements of the
hemostatic process; review current hemostatic techniques to prevent
blood loss during surgical procedures; review current treatments to
treat derangements in the hemostatic system during surgery.

1700-1800
Current Treatment of Carotid Stenosis: Surgery, Stent or Drugs?
Shawn M. Gage, PA-C
Participants will be able to review the pathophysiology of carotid
artery stenosis; review the current indications to perform carotid
endarterectomy; review the current indications to perform carotid artery
stenting.

Cardiac Surgical Unit - Advanced Life Support (CSU-ALS)
0730-1200
Part I
Jill Ley, RN, MS, CNS; Adrian Levine, MD
Participants will be able to define and differentiate Advanced Cardiac
Life Support (ACLS) versus Cardiac Surgery Unit Advanced Life
Support (CSU-ALS); identify the rationale for modifying ACLS in the
post-op open heart patient; discuss strategies to improve in-hospital
resuscitation outcomes.

1400-1830
Part II
Jill Ley, RN, MS, CNS; Adrian Levine, MD

Friday, January 24, 2014

0730-0830
CAD – Using IVUS and FFR to Guide Surgical Decision Making
John Hodgson, MD
Participants will be able to review the indications and patient selection
to perform Intra-Vascular Ultrasound and Fractional Flow Reserve in
the Cardiac Catheterization Lab; review how to interpret the results on
Fractional Flow Reserve; review current literature Intra-Vascular
Ultrasound and Fractional Flow Reserve results for CABG.

0830-1200
Endoscopic Vein Harvesting Panel
Robert Poston, MD; Anthony Furnary, MD; Peter K. Smith, MD;
Soroosh Kiani, MD; Donald Likosky, MD
Participants will be able to review the indications, benefits, risks, and
alternatives to endoscopic vein harvesting; review the most current
peer reviewed published studies involving the benefits of endoscopic
vein harvesting; review the most current peer reviewed published
studies involving the complications as it relates to endoscopic vein
harvesting; review current techniques to prevent associated
complications of endoscopic vein harvesting.

1400-1500
CABG – The Future of MICS and Hybrid Approach
Joseph T. McGinn, Jr., MD
Participants will be able to review the indications, benefits, risks and
alternatives to Minimally Invasive Cardiac Surgery-CABG; review the
current intra-operative techniques needed to perform Minimally
Invasive Cardiac Surgery-CABG; review the patient selection for a
Hybrid approach to dealing with Coronary Disease.

1500-1600
Update in TAVAR Therapy
Deepak Singh, MD
Participants will be able to review the current guidelines for patient
selection in Percutaneous Aortic Valve Replacement; review the current
literature in regards to short-term and long-term outcomes; review the
eri-operative management following TAVAR.

1630-1730
NCCPA Update
Greg Thomas, PA-C
Participants will be able to understand the role of the Cardiovascular
and Thoracic CAQ in recertification and practice; understand the
implications and requirements of the new 10-year certification
maintenance cycle; understand implications and requirements of Self-
Assessment and PI-CME.