

Society of Cardiovascular Anesthesiologists

# 29th Annual Meeting & Workshops

April 21-25, 2007

Palais des congrès de Montréal  
Montreal, Quebec, Canada



[WWW.SCAHQ.ORG](http://WWW.SCAHQ.ORG)



# OFFICERS



**James G. Ramsay, MD**  
*President*



**Christina Mora Mangano, MD**  
*President Elect*



**Steven N. Konstadt, MD**  
*Secretary/Treasurer*



**Glenn P. Gravlee, MD**  
*Past President*

# BOARD OF DIRECTORS

George E. Burgess III, MD  
David J. Cook, MD  
Gregg S. Hartman, MD

Robert J. Marino, MD  
C. David Mazer, MD  
Scott T. Reeves, MD

Jack S. Shanewise, MD  
Stanton K. Shernan, MD  
Linda Shore-Lesserson, MD

# SCIENTIFIC PROGRAM COMMITTEE



**Scott T. Reeves, MD**  
*Scientific Program  
Committee Chair*



**David A. Zvara, MD**  
*Scientific Program  
Committee Vice Chair*



**Colleen G. Koch, MD**  
*Coordinator of Workshops  
& PBLDs*

Scott T. Reeves, MD, *Chair*  
David A. Zvara, MD, *Vice Chair*  
Colleen G. Koch, MD, *Coordinator  
of Workshops & PBLDs*  
François Beique, MD  
Elliott Bennett-Guerrero, MD  
Mary Beth Brady, MD  
Davy C. H. Cheng, MD, MSc, FRCPC  
Albert T. Cheung, MD

C. David Collard, MD  
James A. DiNardo, MD  
Benjamin Drenger, MD  
Kathryn E. Glas, MD  
Kathrine P. Grichnik, MD  
Andrew D. Maslow, MD  
C. David Mazer, MD  
Bonnie Milas, MD  
Glenn S. Murphy, MD

Christopher O'Connor, MD  
Kent H. Rehfeldt, MD  
Kathryn Rouine-Rapp, MD  
Stanton K. Shernan, MD  
Nikolaos J. Skubas, MD  
Claudia Spies, MD  
Marc E. Stone, MD  
Junzo Takeda, MD  
Michael H. Wall, MD

# SCA 29th Annual Meeting & Workshops • April 21- 25, 2007

## *Palais des congrès de Montréal, Montreal, Quebec, Canada*

### General Information

#### Target Audience

Cardiothoracic anesthesiologists, critical care physicians, general anesthesiologists, nurses, perfusionists and other allied health personnel, epidemiologists/researchers and all those involved in the care of the cardiovascular surgery patient will benefit from attendance at this meeting.

#### Statement of Need

The field of cardiovascular anesthesiology is a dynamic specialty that changes as modern cardiovascular medicine changes. New additions to the armamentarium of cardiovascular medicine include percutaneous interventions, valvular heart surgery, minimally invasive techniques, heart failure devices, electrophysiologic interventions, and the changing status of cardiac surgery. Current practitioners in cardiovascular anesthesiology demand an educational course that is current and up to date with cardiology and cardiac surgical advances. The Annual Meeting provides this educational tool. The Annual Meeting provides teaching of intraoperative echocardiography for management of patients undergoing various cardiac surgical procedures. Also provided are workshops in cardiopulmonary bypass and heart failure. Multidisciplinary faculty with excellent evaluations from attendees are included in the faculty. Interactive workshops and discussion sessions with the experts center on patient-oriented educational programs to teach the requisite skills and concepts necessary for advanced care of these patients. This interdisciplinary program sponsored and offered by the SCA for its members has been developed to meet the growing demand for such educational needs.

#### Workshops

**Included:** Fee includes workshop, continental breakfast (morning workshops), coffee breaks and syllabus.

**CME Accreditation:** The Society of Cardiovascular Anesthesiologists is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**Designation:** The Society of Cardiovascular Anesthesiologists designates this educational activity for a maximum of 4 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**Registration Limitations:** Please note limitations. Pre-registration of workshops and evening sessions is available to SCA Members only. If space is available, sessions will be opened to non-members on site.

#### 29th Annual Meeting

**Location:** All scientific sessions, workshops and PBLDs will be held at the **Palais de congrès de Montréal**.

**Included:** Scientific fee includes continental breakfasts, coffee breaks, (2) lunches, (1) reception and the meeting syllabus.

**CME Accreditation:** The Society of Cardiovascular Anesthesiologists is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**Designation:** The Society of Cardiovascular Anesthesiologists designates this educational activity for a maximum of 26 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

#### Refund Policy

For the Workshops, Evening Sessions, Annual Meeting, PBLDs, and guest fee a full refund will be provided through March 9, 2007; an 80% refund will be provided from March 10, 2007 through April 2, 2007. After April 2, 2007, the Society will not refund any registration fees. Refunds will be determined by the date the **written** cancellation is received in the SCA's headquarters.

#### Americans With Disabilities Act

**Americans with Disabilities Act:** The Society of Cardiovascular Anesthesiologists has fully complied with the legal requirements of the ADA and the rules and regulations thereof. If any participant in this educational activity is in need of accommodations, please contact SCA at (804) 282-0084 by April 2, 2007 in order to receive service.

#### *Palais des congrès de Montréal, Montreal, Quebec, Canada*

**All scientific sessions will take place at the Palais de congrès de Montréal**

159 rue Saint-Antoine Ouest q'etoge  
Montreal, Quebec, Canada H2Z 1H2  
<http://www.congresmtl.com/>

#### Hotels:

InterContinental Montreal: <http://www.ichotelsgroup.com/h/d/ic/1/en/hotel/YULHB/at-a-glance>

W Montreal: [http://specialoffers.starwoodhotels.com/w\\_montreal/](http://specialoffers.starwoodhotels.com/w_montreal/)

Holiday Inn Select Montreal Centre-Ville: <http://www.ichotelsgroup.com/h/d/sl/1/en/hotel/yulca/at-a-glance>

**IMPORTANT TRAVEL INFORMATION:** Passports will be required for U.S. citizens who travel to Canada in 2007. Travelers from all other countries should check with their individual governments for travel requirements and documentation.

# SCA 29th Annual Meeting & Workshop Faculty

**Martin D. Abel, MBCh**  
Professor of Anesthesiology  
Mayo Clinic College of Medicine  
Rochester, MN

**Dean B. Andropoulos, MD**  
Professor of Anesthesiology and  
Pediatrics  
Baylor College of Medicine  
Houston, TX

**James Anton, MD, PhD**  
Assistant Professor of Anesthesiology  
Baylor College of Medicine  
Houston, TX

**Solomon Aronson, MD**  
Professor of Anesthesiology  
Vice Chair, Business Development &  
Finance  
Duke University Medical Center  
Durham, NC

**Edwin G. Avery, MD**  
Chief Division of Cardiac Anesthesia  
Harvard Medical School  
Massachusetts General Hospital  
Boston, MA

**Daniel T. Bainbridge, MD**  
Assistant Professor of Anesthesiology  
London Health Sciences Center  
London, Ontario, Canada

**Paul G. Barash, MD**  
Professor of Anesthesiology  
Yale University School of Medicine  
New Haven, CT

**François A. Beique, MD, FRCPC**  
Associate Professor of Anesthesia  
McGill University  
Montreal, Quebec, Canada

**Elliott Bennett-Guerrero, MD**  
Associate Professor of Anesthesiology  
Duke University Medical Center  
Durham, NC

**Dan E. Berkowitz, MD**  
Associate Professor of Anesthesiology  
& Critical Care Medicine  
The Johns Hopkins Medical  
Institutions  
Baltimore, MD

**Simon C. Body, MB**  
Assistant Professor of Anesthesia  
Brigham & Women's Hospital  
Harvard University  
Boston, MA

**Mary Beth Brady, MD**  
Assistant Professor of Anesthesiology  
Director, Intraoperative TEE Program  
The Johns Hopkins Medical  
Institutions  
Baltimore, MD

**Michael J. Brown, MD**  
Assistant Professor of Anesthesiology  
Mayo Clinic  
Rochester, MN

**Thomas M. Burch, MD**  
Assistant Professor of Anesthesiology  
University of Alabama at Birmingham  
Birmingham, AL

**Jean S. Bussieres, MD**  
Associate Professor of Anesthesia  
Laval University  
Ste-Foy, Quebec, Canada

**John F. Butterworth IV, MD**  
R. K. Stoelting Professor and  
Chairman of Anesthesia  
Indiana University School of  
Medicine  
Indianapolis, IN

**Michael Byas-Smith, MD**  
Associate Professor of Anesthesiology  
Emory University  
Atlanta, GA

**Javier H. Campos, MD**  
Vice Chair for Clinical Affairs  
Director of Cardiothoracic Anesthesia  
University of Iowa  
Iowa City, IA

**Mark A. Chaney, MD**  
Associate Professor and Director of  
Cardiac Anesthesia  
University of Chicago  
Chicago, IL

**Davy C.H. Cheng, MD, MSc,  
FRCPC**  
Professor & Chair of Anesthesiology  
& Perioperative Medicine  
University of Western Ontario  
London, Ontario, Canada

**Albert T. Cheung, MD**  
Professor of Anesthesiology and  
Critical Care  
University of Pennsylvania  
Philadelphia, PA

**Edmond Cohen, MD**  
Professor of Anesthesiology  
Mount Sinai Medical Center  
New York, NY

**C. David Collard, MD**  
Associate Professor of Anesthesiology  
Baylor College of Medicine  
Houston, TX

**Tirone E. David, MD**  
University Professor of Surgery  
University of Toronto  
Toronto, Ontario, Canada

**Laurie K. Davies, MD**  
Associate Professor of Anesthesiology  
& Surgery  
University of Florida  
Gainesville, FL

**George J. Despotis, MD**  
Associate Professor of Pathology,  
Immunology & Anesthesiology  
Washington University School of  
Medicine  
St. Louis, MO

**Marc L. Dickstein, MD**  
Associate Professor of Clinical  
Anesthesiology  
Columbia University College of  
Physicians and Surgeons  
New York, NY

**James A. DiNardo, MD**  
Associate Professor of Anaesthesia  
Harvard Medical School  
Boston, MA

**Brian S. Donahue, MD, PhD**  
Assistant Professor of Anesthesia  
Vanderbilt University Medical Center  
Nashville, TN

**Benjamin Drenger, MD**  
Associate Professor of Anesthesia  
Hadassah University Hospital  
Jerusalem, Israel

**Andra I. Duncan, MD**  
Staff Physician, Cardiothoracic  
Anesthesia  
Cleveland Clinic Foundation  
Cleveland, OH

**John E. Ellis, MD**  
Professor of Anesthesiology  
University of Chicago  
Chicago, IL

**Lee A. Fleisher, MD**  
Robert D. Dripps Professor & Chair  
of Anesthesia  
University of Pennsylvania  
Philadelphia, PA

**Christopher J. Gallagher, MD**  
Associate Professor of Anesthesiology  
Stony Brook University  
Stony Brook, NY

**Susan Garwood, MD**  
Associate Professor of Anesthesia  
Yale University School of Medicine  
New Haven, CT

**Kathryn E. Glas, MD**  
Assistant Professor of Anesthesiology  
Emory University School of Medicine  
Atlanta, GA

**Stuart Grant, MD**  
Assistant Professor of Anesthesiology  
Duke University Medical Center  
Durham, NC

**Glenn P. Graylee, MD**  
Professor of Anesthesiology  
University of Colorado at Denver &  
Health Sciences Center  
Denver, CO

**Katherine P. Grichnik, MD**  
Associate Professor of Anesthesiology  
Duke University Medical Center  
Durham, NC

**Leanne Groban, MD**  
Associate Professor of Anesthesiology  
Wake Forest University  
Winston-Salem, NC

**Hilary P. Grocott, MD**  
Associate Professor of Anesthesiology  
Duke University Medical Center  
Durham, NC

**Robert C. Groom, CCP**  
Director of Cardiovascular Perfusion  
Maine Medical Center  
Portland, ME

**W. Quinton Gurley, Jr., MD**  
Associate Professor & Chief of  
Division of Cardiothoracic Anesthesia  
University of Alabama at Birmingham  
School of Medicine  
Birmingham, AL

**Gregg S. Hartman, MD**  
Professor of Anesthesiology  
Dartmouth Medical School  
Lebanon, NH

**Lori B. Heller, MD**  
Acting Instructor  
Swedish Hospital  
Staff Anesthesiologists  
University of Washington  
Seattle, WA

**Thomas Hemmerling, MD**  
Professor  
McGill University  
Montreal, Quebec, Canada

**Eugene A. Hessel II, MD, FACS**  
Professor of Anesthesiology &  
Surgery  
University of Kentucky College of  
Medicine  
Lexington, KY

**Lauren L. Hill, MD**  
Associate Professor & Vice Chair of  
Anesthesia  
Washington University School of  
Medicine  
St. Louis, MO

**Charles W. Hogue, MD**  
Associate Professor of Anesthesiology  
& Critical Care Medicine  
The Johns Hopkins Medical  
Institutions  
Baltimore, MD

**Philippe R. Housmans, MD, PhD**  
Professor of Anesthesiology  
Mayo Clinic  
Rochester, MN

**Marc S. Kanchuger, MD**  
Chief, Cardiothoracic & Transplant  
Anesthesia  
NYU School of Medicine  
New York, NY

**Brian P. Kavanagh, MD**  
Staff Physician, Research Director  
Critical Care Medicine  
Hospital for Sick Children  
Toronto, Ontario, Canada

**Jerome M. Klafta, MD**  
Professor of Anesthesia  
& Critical Care  
Vice Chair for Education  
& Academic Affairs  
University of Chicago  
Chicago, IL

**Paul R. Knight, MD, PhD**  
Professor of Anesthesiology  
& Microbiology  
State University of New York  
at Buffalo  
VAMC at Buffalo  
Buffalo, NY

**Colleen G. Koch, MD**  
Staff Physician  
Department of Cardiothoracic  
Anesthesia  
Cleveland Clinic Foundation  
Cleveland, OH

**Steven N. Konstadt, MD**  
Chairman & Professor of  
Anesthesiology  
Maimonides Medical Center  
Brooklyn, NY

**Eric Laliberté, CCP, CPC**  
Clinical Perfusionist  
The Montreal Heart Institute  
President, Quebec Perfusion  
Association  
Montreal, Quebec, Canada

**A. Stephane Lambert, MD**  
Assistant Professor of Anesthesia  
University of Ottawa Heart Institute  
Ottawa, Ontario, Canada

# SCA 29th Annual Meeting & Workshop Faculty

**Michael G. Licina, MD**

Associate Professor of Anesthesiology  
Cleveland Clinic Foundation  
Cleveland, OH

**Catherine K. Lineberger, MD**

Associate Professor of Anesthesiology  
Duke University Medical Center  
Durham, NC

**G. Burkhard Mackensen, MD, PhD**

Associate Professor of Anesthesiology  
Duke University Medical Center  
Durham, NC

**Ramzi Majaj, CCP**

Clinical Coordinator for Perfusion  
Services  
McGill University  
Montreal, Quebec, Canada

**Dennis T. Mangano, MD**

Principal Scientist  
Ischemia Research & Education  
Foundation  
San Bruno, CA

**Jonathan B. Mark, MD**

Professor & Vice Chairman of  
Anesthesiology  
Duke University Medical Center  
Durham, NC

**Andrew D. Maslow, MD**

Associate Professor of Anesthesiology  
Brown Medical School  
Providence, RI

**Joseph P. Mathew, MD**

Associate Professor of Anesthesiology  
Duke University Medical Center  
Durham, NC

**C. David Mazer, MD**

Professor of Anesthesia  
University of Toronto  
Toronto, Ontario, Canada

**Bonnie L. Milas, MD**

Assistant Professor of Anesthesiology  
University of Pennsylvania  
Philadelphia, PA

**Joseph P. Miller, MD**

Assistant Professor of Anesthesia  
Uniformed Services University of  
Health Sciences  
Olympia, WA

**Alexander Mittnacht, MD**

Assistant Professor of Anesthesiology  
Mount Sinai School of Medicine  
New York, NY

**Emad B. Mossad, MD**

Vice Chair of Pediatric Anesthesia  
Cleveland Clinic Foundation  
Cleveland, OH

**John M. Murkin, MD**

Professor of Anaesthesia  
London Health Sciences Center  
University of Western Ontario  
London, Ontario, Canada

**Glenn S. Murphy, MD**

Associate Professor of Anesthesiology  
Northwestern University Feinberg  
School of Medicine  
Chicago, IL

**Patricia M. Murphy, MD**

Associate Professor of Anaesthesia  
University of Toronto  
Toronto, Ontario, Canada

**John J. Nance, JD**

Seattle, WA

**Mark F. Newman, MD**

Merel H. Harmel Professor &  
Chairman of Anesthesiology  
Duke University Medical Center  
Durham, NC

**Nancy A. Nussmeier, MD**

Professor & Chair of Anesthesiology  
SUNY Upstate Medical University  
Syracuse, NY

**Gregory A. Nuttall, MD**

Professor of Anesthesiology  
Mayo Clinic College of Medicine  
Rochester, MN

**Daniel Nyhan, MD**

Professor of Anesthesiology  
The Johns Hopkins Hospital  
Baltimore, MD

**Christopher J. O'Connor, MD**

Professor of Anesthesiology  
Rush University Medical Center  
Chicago, IL

**Donald Oxorn, MD**

Professor of Anesthesia & Medicine  
(Cardiology)  
University of Washington  
Seattle, WA

**Albert C. Perrino, Jr., MD**

Professor of Anesthesiology  
Yale University School of Medicine  
New Haven, CT

**Philippe Pibarot, DVM, PhD,  
FAHA, FACC**

Associate Professor, Department of  
Medicine, Laval University  
Director of the Canada Research  
Chair in Valvular Heart Diseases  
Hospital Laval Research Center/  
Québec Heart Institute, Laval  
University

**Mihai V. Podgoreanu, MD**

Assistant Professor of Anesthesiology  
Duke University Medical Center  
Durham, NC

**James G. Ramsay, MD**

Professor of Anesthesiology  
Emory University. School of  
Medicine  
Atlanta, GA

**Jacob Raphael, MD**

Assistant Professor of Anesthesia  
University of Virginia  
Charlottesville, VA

**Scott T. Reeves, MD**

Professor & Chair of Anesthesiology  
Medical University of South Carolina  
Charleston, SC

**Kent H. Rehfeldt, MD**

Assistant Professor of Anesthesiology  
Consultant, Departments of  
Anesthesiology & Cardiology  
Mayo Clinic  
Rochester, MN

**Gary W. Roach, MD**

Professor of Anesthesiology  
Kaiser Permanente  
San Francisco, CA

**Kathryn Rouine-Rapp, MD**

Professor of Anesthesia and  
Perioperative Care  
University of California, San  
Francisco  
San Francisco, CA

**David Royston, MBChB**

Consultant, Cardiothoracic  
Anaesthetist  
Harefield Hospital  
Harefield, Middlesex, United  
Kingdom

**Isobel A. Russell, MD, PhD**

Professor of Anesthesia  
University of California, San  
Francisco  
San Francisco, CA

**Robert M. Savage, MD**

Director of Intraoperative Echo  
Cleveland Clinic Foundation  
Cleveland, OH

**Nanette M. Schwann, MD**

Associate Professor & Vice Chair of  
Anesthesia  
Lehigh Valley Hospital & Health  
Network  
Allentown, PA

**Debra A. Schwinn, MD**

James B. Duke Professor of  
Anesthesiology  
Professor of Pharmacology/Cancer  
Biology, Medicine (Cardiology) &  
Surgery  
Duke University Medical Center  
Durham, NC

**Jack S. Shanewise, MD**

Professor of Clinical Anesthesiology  
Columbia University College of  
Physicians  
New York, NY

**Stanton K. Shernan, MD**

Associate Professor of Anaesthesia  
Brigham & Women's Hospital  
Boston, MA

**Linda Shore-Lesserson, MD**

Associate Professor of Anesthesiology  
Chief, Cardiothoracic Anesthesiology  
Montefiore Medical Center  
Bronx, NY

**Nikolaos J. Skubas, MD**

Assistant Professor of Anesthesiology  
Weill Medical College of Cornell  
University  
New York, NY

**Peter D. Slinger, MD**

Professor of Anesthesia  
University of Toronto  
Toronto, Ontario, Canada

**Claudia D. Spies, MD**

Professor Dr. of Anaesthesiology &  
Intensive Care Medicine  
Charite University Hospital Berlin  
Berlin, Germany

**Bruce D. Spiess, MD**

Professor of Anesthesiology &  
Emergency Medicine  
Director of VCURES Shock Center  
Virginia Commonwealth University  
Health Systems  
Richmond, VA

**Mark Stafford-Smith, MD**

Professor of Anesthesiology  
Director of Fellowship Education  
Director of Cardiothoracic Anesthesia  
& Critical Care Medicine Fellowship  
Duke University Medical Center  
Durham, NC

**Marc E. Stone, MD**

Assistant Professor of Anesthesiology  
Co-Director, Division of  
Cardiothoracic Anesthesiology  
Director, Fellowship in  
Cardiothoracic Anesthesiology  
Mount Sinai School of Medicine  
New York, NY

**Greg Stratmann, MD, PhD**

Assistant Professor Anesthesiology  
University of California, San  
Francisco  
San Francisco, CA

**Madhav Swaminathan, MD**

Assistant Professor of Anesthesiology  
Duke University Medical Center  
Durham, NC

**Joseph W. Szokol, MD**

Vice Chairman of Anesthesiology  
Evanston Northwestern Healthcare  
Evanston, IL

**Junzo Takeda, MD**

Professor & Chairman of  
Anesthesiology  
Keio University School of Medicine  
Tokyo, Japan

**Christopher A. Troianos, MD**

Chair and Program Director of  
Anesthesiology  
Western Pennsylvania Hospital  
Pittsburgh, PA

**Joyce A. Wahr, MD**

Minnetonka, MN

**Michael H. Wall, MD**

Associate Professor of Anesthesia  
Vice Chairman of Clinical Affairs  
UT Southwestern Medical Center  
Dallas, TX

**Lee K. Wallace, MD**

Staff Anesthesiologist  
Cleveland Clinic Foundation  
Cleveland, OH

**William S. Whitley, MD**

Assistant Professor of Anesthesiology  
Emory University School of Medicine  
Atlanta, GA

**James R. Zaidan, MD, MBA**

Professor & Chair of Anesthesiology  
Associate Dean for Graduate Medical  
Education  
Emory University School of Medicine  
Atlanta, GA

**David A. Zvara, MD**

Professor of Anesthesiology  
Head, Section on Cardiothoracic  
Anesthesiology  
Wake Forest University School of  
Medicine  
Winston-Salem, NC

# SCA 29th Annual Meeting & Workshops

## Program

### Friday, April 20, 2007

3:00 – 6:00 pm Registration

### Saturday, April 21, 2007

7:00 – 8:00 am **Continental Breakfast**

**8:00 AM – 7:15 PM**

#### **OPTIONAL WORKSHOPS FOR SCA MEMBERS**

Separate registration required. See page 10 for workshop descriptions.

8:00 – 10:00 am **Workshop #1: Regional Ultrasound for Venous Access and Nerve Blocks**

10:00 am – 12 noon **Workshop #2: Hands-on Thoracic Anesthesia**

1:00 – 4:00 pm **Workshop #3: Essentials of Cardiopulmonary Bypass for the Anesthesiologist**

**Workshop #4: TEE: Essential Knowledge and Intraoperative Application**

4:00 – 4:15 pm **Workshop Coffee Break**

4:15 – 7:15 pm **Workshop #5: TEE: Advanced Clinical Case Studies**

**Workshop #6: Challenging Cases from the Real World: The Adult with Congenital Heart Disease**

**8:00 AM – 4:00 PM**

#### **REFRESHER COURSE (RC) LECTURES**

7:55 – 8:00 am **Welcome & Introductions** – Scott T. Reeves, MD

8:00 – 8:35 am **RC #1 ASE Guidelines: 2007 Update for Anesthesiologists** – Joseph Mathew, MD

8:40 – 9:15 am **RC #2 ACC/AHA Guidelines on Valvular Heart Disease** – Jack S. Shanewise, MD

9:20 – 9:55 am **RC #3 ASA Guidelines on Pacemakers/AICDs** – James R. Zaidan, MD

9:55 – 10:15 am Coffee Break

10:15 – 10:50 am **RC #4 Neurocognitive Dysfunction Update** – Mark Newman, MD

10:55 – 11:30 am **RC #5 Congenital Heart Disease in the Adult Undergoing Heart Surgery** – Dean Andropolous, MD

11:30 am – 12 noon **RC #6 All Bleeding Eventually Stops: Are Outcomes Changed by Transfusion?**  
– Colleen G. Koch, MD

12 noon – 1:25 pm Lunch on own

1:30 – 2:05 pm **RC #7 Hemodynamic Instability Fluids vs. Pressors: Is There Data?** – Albert Perrino, MD

2:10 – 2:45 pm **RC #8 Cardiac Anesthesiology: Revenue Center or Cost Center?** – Steven N. Konstadt, MD

2:45 – 3:00 pm Coffee Break

3:00 – 4:00 pm **Best Abstracts**  
Moderator Gary W. Roach, MD

1:45 – 3:45 pm **Session A: Poster Discussion I**  
**Session B: Poster Discussion II**

# SCA 29th Annual Meeting & Workshops

## Program

### Sunday, April 22, 2007

- 6:45 – 8:00 AM** **PROBLEM-BASED LEARNING DISCUSSIONS (8)**  
Separate registration required.
- 7:00 – 8:00 am Continental Breakfast
- 8:00 – 10:15 am **Understanding Aortic Valve Pathology**  
Moderator: Davy Cheng, MD, MSc, FRCPC
- Functional Anatomy and Surgically Relevant Echocardiographic Assessment of Aortic Valve and Root – Patricia Murphy, MD, FRCPC
  - Aortic Root Reconstruction: Techniques and Outcomes – Tirone David, MD, FRCSC
  - Aortic Valve Mismatch: Does It Exist? – Philippe Pibarot, DVM, PhD, FACC
  - Percutaneous Aortic Intervention: Anesthesia Management and Outcomes – Daniel Bainbridge, MD, FRCPC
- 10:15 – 11:00 am Coffee Break
- 11:00 am – 12 noon **Session A: Aprotinin One Year Later: An Update**  
Moderator: Paul G. Barash, MD
- What the Data *Really* Show – David Royston, MBChB
  - What the Data Really Show – Dennis T. Mangano, MD, PhD
- 12 noon – 1:30 pm Lunch on own
- 1:30 – 3:30 pm **Session A: Evidence-Based Perfusion Practice: Dogma Versus Data**  
Moderator: Albert T. Cheung, MD
- Retrograde Autologous Priming: When to RAP in the OR – Glenn S. Murphy, MD
  - Modified Ultrafiltration: What are the Data and When is it Indicated? – G. Burkhard Mackensen, MD
  - Evidenced-Based Temperature Management for Cardiopulmonary Bypass – Laurie K. Davies, MD
  - Is There an Optimal Hematocrit? – Glenn P. Gravlee, MD
- Session B: Strategies to Optimize Hemostasis**  
Moderators: Claudia Spies, MD/Linda Shore-Lesserson, MD
- Point of Care Testing: Monitoring Hemostasis in Cardiac Surgery:  
Is There a Proven Benefit of Thromboelastography? – Linda Shore-Lesserson, MD
  - Component Therapy: When Does a Patient Need FFP or Platelet Concentrates After Cardiac Surgery? – George J. Despotis, MD
  - Factor VII & XIII: Coagulation Factor Concentrates After Cardiac Surgery: Efficacy and Safety – Greg Stratmann, MD
- Session C: Poster Discussion III**
- 3:30 – 4:15 pm Coffee Break/Opening of Exhibits
- 4:15 – 5:30 pm **Session A: Monitoring Numbers: The Anesthesiologist's Daily Drama**  
Moderators: Benjamin Drenger, MD/Andrew D. Maslow, MD
- Standardization of Perioperative Monitoring – Benjamin Drenger, MD
  - Hemodynamic Monitoring: Teasing Through the Waveforms – Jonathan B. Mark, MD
  - Myths in Numbers: What is Real and What is Really Important? – Avery Tung, MD
- Session B: Contemporary Issues in Thoracic Anesthesiology**  
Moderator: Katherine P. Grichnik, MD
- Esophageal Resection: Operative Care and Consequences – Jean S. Bussieres, MD
  - Acute Lung Injury: Is it Real? – Peter D. Slinger, MD
  - Lung Isolation: When It Works and How to Manage When It Doesn't – Javier H. Campos, MD
- Session C: Translational Research: From Bench to Bedside**  
Moderator: Nancy A. Nussmeier, MD
- Bench to Bedside: Real Examples – John Butterworth IV, MD
  - The New Age of Medical Genomics – Debra A. Schwinn, MD
  - The Physician-Scientist in Challenging Times – Paul R. Knight, MD, PhD
- 5:30 – 7:00 PM** **OPTIONAL WORKSHOPS FOR SCA MEMBERS**  
Separate registration required. See pages 10-11 for workshop descriptions.
- Workshop #7: TEE Review Course I: Echocardiography Hemodynamic Review
  - Workshop #8: Professional Development in Education Skills: Learning to be a Better Educator

# SCA 29th Annual Meeting & Workshops

## Program

### Monday, April 23, 2007

6:45 – 8:00 AM	<b>PROBLEM-BASED LEARNING DISCUSSIONS (8)</b> Separate registration required.
7:00 – 8:00 am	Continental Breakfast
8:00 – 10:15 am	<b>Flawless Operative Cardiovascular Unified Systems (FOCUS)</b> Moderator: Scott T. Reeves, MD <ul style="list-style-type: none"><li>• Human Error Reduction: The Success Taught from the Aerospace Industry - John J. Nance, JD</li><li>• FOCUS: A Programmatic Overview of Study, Discussion, Testing and Implementation to Reduce Human Error - SCA Consultant</li><li>• To Err is Human But Not Acceptable in the Cardiac Environment: FOCUS Relevance to Where We Work - Bruce D. Spiess, MD</li><li>• The Society of Cardiovascular Anesthesiologists' Vision for FOCUS - James G. Ramsay, MD</li></ul>
10:15 – 11:00 am	Coffee Break with Exhibitors
11:00 – 11:10 am	Distinguished Service Award
11:10 am – 12 noon	Keynote Speaker
12 noon – 12:30 pm	Business Meeting
12:30 – 1:30 pm	Lunch with Exhibitors
1:30 – 3:30 pm	<b>Session A: Blood Transfusion: Is it Really the Gift of Life?</b> Moderator: C. David Mazer, MD <ul style="list-style-type: none"><li>• Transfusion Guidelines – Simon C. Body, MB</li><li>• Risk Benefit: Anemia Versus Transfusion – Mark Stafford-Smith, MD</li><li>• Age of Red Cells – Elliott Bennett-Guererro, MD</li><li>• Blood Conservation Programs – Aryeh Shander, MD</li></ul> <b>Session B: Anesthesia &amp; Analgesia</b> Moderator: Charles W. Hogue, MD <ul style="list-style-type: none"><li>• Arterial Stiffness, Cardiovascular Risk, and Perioperative Outcomes – Daniel Nyhan, MD</li><li>• Oral Hypoglycemic Agents and the Surgical Patient: When Should They be Stopped Preoperatively? – Andra I. Duncan, MD</li><li>• New AHA/ACC Guidelines for Perioperative Beta-Blocker Use – Lee A. Fleisher, MD</li></ul> <b>Session C: Echo Jeopardy</b> Moderator: Andrew D. Maslow, MD Contestants: Solomon Aronson, MD; Susan Garwood, MD; Steven N. Konstadt, MD; Jack S. Shanewise, MD; Linda Shore-Lesserson, MD; Christopher A. Troianos, MD
3:30 – 4:15 pm	Coffee Break with Exhibitors
4:15 – 5:30 pm	<b>Session A: CNS Monitoring: Helpful or Hoodwinked?</b> Moderators: Elliott Bennett-Guerrero, MD/Junzo Takeda, MD <ul style="list-style-type: none"><li>• Awareness Monitoring: What are the Guidelines? – Gilles Plourde, MD</li><li>• Near Infra-red Cerebral Monitoring – John M. Murkin, MD</li><li>• EEG and BIS – Hilary P. Grocott, MD</li></ul> <b>Session B: SAGA: Diastolic Dysfunction of Aging</b> Moderator: Leanne Groban, MD <ul style="list-style-type: none"><li>• What's All the Hype? – Leanne Groban, MD</li><li>• The Less Familiar Side of Diastolic Dysfunction: The Vasculature – Susan Zeiman, MD, PhD</li><li>• Echocardiographic Evaluation of Diastolic Dysfunction – Stanton K. Shernan, MD</li><li>• Wrap Up – Leanne Groban, MD</li></ul> <b>Session C: Thoracic Epidural for Cardiac Surgery</b> Moderator: François A. Beique, MD, FRCPC <ul style="list-style-type: none"><li>• Pro: TEA Should be the Cornerstone of Cardiac Anesthesia – Thomas Hemmerling, MD</li><li>• Con: Thoracic Epidurals for Cardiac Surgery – Not in My OR – Mark A. Chaney, MD</li><li>• Questions &amp; Answers</li></ul>
6:00 – 7:00 pm	Pre-Party Reception (open to all registrants, paid guests, exhibitors)
7:00 – 10:00 pm	Party



**PARTY TIME!**

**MONDAY, APRIL 3 • 7 – 10 pm**  
Details to come!



# SCA 29th Annual Meeting & Workshops

## Program

### Tuesday, April 24, 2007

- 6:45 – 8:00 AM** **PROBLEM-BASED LEARNING DISCUSSIONS (8)**  
Separate registration required.
- 7:00 – 8:00 am Continental Breakfast
- 8:00 – 10:15 am **Monograph Session: Advanced Cardiothoracic Pharmacology**  
Moderator: Philippe R. Housmans, MD, PhD
- Physiology and Pharmacology of Myocardial Preconditioning – Jakob Raphael, MD
  - Modulators of Vascular Tone – Dan E. Berkowitz, MD
  - Inotropic Therapy – Philippe R. Housmans, MD, PhD
  - Antiplatelet Therapy – Gregory A. Nuttall, MD
- 10:15 – 11:00 am Coffee Break with Exhibitors
- 11:00 am – 12 noon ASA Update – Mark Lema, MD, ASA President
- 12 noon – 1:30 pm Lunch with Exhibitors
- 1:30 – 3:30 pm **Session A: Jointly presented with the ASCCA – Critical Care Pearls - 2007**  
Moderator: Michael H. Wall, MD
- ARDS Update – Brian P. Kavanaugh, MB
  - Sepsis Update – Laureen L. Hill, MD
  - Best ICU Papers of 2006-2007 – Michael H. Wall, MD
- Session B: The Cath Lab: Is This Really Our Future?**  
Moderator: Kent H. Rehfeldt, MD
- Drug Eluting Stents: Current Update and Perioperative Implications – Michael J. Brown, MD
  - Percutaneous Mitral Valve Repair – Robert M. Savage, MD
  - Carotid Artery Stenting – John E. Ellis, MD
  - Percutaneous Left Ventricular Assist Devices – Marc E. Stone, MD
- Session C: Poster Discussion IV**
- 3:30 – 4:15 pm Coffee Break
- 4:15 – 5:30 pm **Session A: Perioperative Organ Protection**  
Moderator: C. David Collard, MD
- Predictors of Postoperative Organ Failure – Mihai V. Podgoreanu, MD
  - Organ Protection for Deep Hypothermic Circulatory Arrest – Brian S. Donahue, MD, PhD
  - Organ Protection for Thoracoabdominal Aortic Surgery – James Anton, MD, PhD
- Session B: Heart Failure**  
Moderator: Marc E. Stone, MD
- Preoperative Preparation and Practical Anesthetic Management of the Patient with Heart Failure – Marc L. Dickstein, MD
  - Current Surgical Management of Heart Failure – Nancy A. Nussmeier, MD
  - Discussion
- 5:30 – 7:00 PM** **OPTIONAL WORKSHOP FOR SCA MEMBERS**  
Separate registration required. See page 11 for workshop description.
- Workshop #9: TEE Review Course II: Image Identification



### Wednesday April 25, 2007

- 8:00 – 11:00 AM** **OPTIONAL WORKSHOP FOR SCA MEMBERS**  
Separate registration required. See page 11 for workshop description.
- Workshop #10: TEE Review Course III: Putting It All Together

# SCA 29th Annual Meeting & Workshops

## Workshops

### SATURDAY WORKSHOPS

Separate Registration Required

8:00 – 10:00 AM -----

#### Workshop # 1: Regional Ultrasound for Venous Access and Nerve Blocks

Co-Chairs: Kathryn E. Glas, MD/ Katherine P. Grichnik, MD

8:00 – 8:25 am	Ultrasound for Regional Anesthesia - Stuart Grant, MD
8:25 – 8:50 am	Ultrasound for Vascular Access - Gregg S. Hartman, MD
8:55 – 9:55 am	Hands-on Workstations – Registrants will rotate through each station. <ul style="list-style-type: none"><li>• Transthoracic Echocardiography: Katherine P. Grichnik, MD; Donald Oxorn, MD; Kathryn E. Glas, MD</li><li>• Regional Ultrasound: Stuart Grant, MD; Michael Byas-Smith, MD; Nanette Schwann, MD</li><li>• Vascular Access Ultrasound: Gregg S. Hartman, MD; Alexander Mittnacht, MD; Lori B. Heller, MD</li></ul>

10:00 AM – 12 NOON -----

#### Workshop # 2: Hands-on Thoracic Anesthesia

Co-Chairs: Christopher J. O'Connor, MD/Edmond Cohen, MD

10:00 – 10:15 am	Fundamentals of Double Lumen Endobronchial Tube Placement – Peter D. Slinger, MD
10:15 – 10:30 am	Practical Use of Bronchial Blockers and Univent Tubes for Lung Isolation – Javier H. Campos, MD
10:30 – 10:45 am	Lung Isolation and the Difficult Airway – Jerome M. Klapfta, MD
10:45 – 11:45 am	Rotation between stations (Registrants will rotate every 15 minutes between all stations)
11:45 am – 12 noon	Questions & Answers

**Hands-on Stations:**

Station 1: Left-sided Double Lumen Endobronchial Tubes – Peter D. Slinger, MD; Javier H. Campos, MD
Station 2: Right-sided Double Lumen Endobronchial Tubes – Christopher J. O'Connor, MD
Station 3: Bronchial Blockers and Univent Tubes – Edmond Cohen, MD; Jerome M. Klapfta, MD
Station 4: Regional Anesthesia Techniques for Thoracic Surgery – Katherine P. Grichnik, MD; Joyce A. Wahr, MD

1:00 – 4:00 PM -----

#### Workshop # 3: Essentials of Cardiopulmonary Bypass for the Anesthesiologist

Chair: Glenn S. Murphy, MD

1:00 – 1:30 pm	Basic Components of the Cardiopulmonary Bypass Machine – Robert C. Groom, CCP
1:30 – 2:00 pm	Diagnosis and Management of Complications during Cardiopulmonary Bypass – Eugene A. Hessel II, MD
2:00 – 4:00 pm	Break-out Sessions <ul style="list-style-type: none"><li>• Overview of the CPB Machine and Basic Components – Ramzi Majaj, CCP</li><li>• Managing Bypass Accidents – Robert C. Groom, CCP</li><li>• Coming off CPB: What Do You Need to Know? – Joseph W. Szkol, MD; Eric Laliberte, CCP, CPC</li><li>• Initiation and Separation from CPB Issues – Glenn S. Murphy, MD</li><li>• Catastrophic Events – Eugene A. Hessel II, MD</li></ul>

#### Workshop # 4: TEE: Essential Knowledge and Intraoperative Application

Co-Chairs: Bonnie L. Milas, MD/Nikolaos J. Skubas, MD

1:00 – 1:30 pm	Global and Regional Evaluation of Left Ventricular Systolic Function – Christopher Gallagher, MD
1:30 – 2:00 pm	Echocardiographic Assessment of Mitral Valve Dysfunction: Regurgitation and Stenosis – Scott T. Reeves, MD
2:00 – 2:30 pm	Assessment of Aortic Valve Dysfunction: Regurgitation and Stenosis – Gregg S. Hartman, MD
2:30 – 2:45 pm	Leg-stretcher Break
2:45 – 3:15 pm	Echocardiographic Essentials of Diastolic Function – Madhav Swaminathan, MD
3:15 – 3:45 pm	Echocardiographic Assessment of the Thoracic Aorta – Marc S. Kanchuger, MD
3:45 – 4:00 pm	Questions & Answers
4:00 – 4:15 pm	Workshop Coffee Break

4:15 – 7:15 PM -----

#### Workshop # 5: TEE: Advanced Clinical Case Studies

Co-Chair: Stanton K. Shernan, MD

4:15 – 4:35 pm	Rescue TEE for Noncardiac Surgery – David A. Zvara, MD
4:35 – 4:55 pm	Unanticipated Intracardiac Mass – Bonnie L. Milas, MD
4:55 – 5:15 pm	Persistent Perioperative Mitral Valve Dysfunction – Colleen G. Koch, MD
5:15 – 5:45 pm	Questions and Answers
5:45 – 6:00 pm	Leg-stretcher break
6:00 – 6:20 pm	Tricuspid Regurgitation: Under-Recognized, Unappreciated: Impact on Outcomes? – Martin D. Abel, MBChB
6:20 – 6:40 pm	Pressure Recovery Following Aortic Valve Replacement – Michael G. Licina, MD
6:40 – 7:00 pm	Clinical Applications of Strain and Strain Rate – Nikolaos J. Skubas, MD
7:00 – 7:15 pm	Questions & Answers

# SCA 29th Annual Meeting & Workshops

## Workshops

### Workshop # 6: Challenging Cases from the Real World: The Adult with Congenital Heart Disease

Co-Chairs: James DiNardo, MD/Kathryn Rouine-Rapp, MD

4:15 – 4:55 pm	A 30-year-old TOF for ICD/PVR Replacement – Laurie K. Davies, MD
4:55 – 5:35 pm	Preoperative Assessment of the Adult Congenital Heart Disease Patient for Noncardiac Surgery – Emad B. Mossad, MD
5:35 – 6:15 pm	Single Ventricle Patient for Urgent Hysterectomy – Isobel A. Russell, MD, PhD
6:15 – 6:55 pm	Adult with Unrepaired Truncus Arteriosus Awaiting Heart-lung Transplant for Dental Extraction – W. Quinton Gurley, Jr., MD
6:55 – 7:15 pm	Discussion

## SUNDAY WORKSHOPS

Separate Registration Required

5:30 – 7:00 PM

### Workshop # 7: TEE Review Course I: Echocardiography Hemodynamic Review

Chair: Mary Beth Brady, MD

5:30 – 6:00 pm	Intracardiac Pressures and Intracardiac Flow Measurements – Lee K. Wallace, MD
6:00 – 6:30 pm	Hemodynamic Measurements for Mitral and Aortic Regurgitation – Mary Beth Brady, MD
6:30 – 7:00 pm	Hemodynamic Measurements for Mitral and Aortic Stenosis – Thomas M. Burch, MD

### Workshop # 8: Professional Development in Education Skills: Learning to be a Better Educator

Co-Chairs: Colleen G. Koch, MD/David A. Zvara, MD

*The workshop is presented by Catherine Lineberger, MD, President of the Society for Education in Anesthesia (SEA) and Melissa Davidson, MD, Assistant Course Director for the SEA Workshop on Teaching and Learning.*

5:30 – 7:00 pm	Feedback for Effective Learning and Teaching – Catherine Lineberger, MD; Melissa Davidson, MD
----------------	-----------------------------------------------------------------------------------------------

## TUESDAY WORKSHOP

Separate Registration Required

5:30 – 7:00 PM

### Workshop #9: TEE Review Course II: Image Identification

Chair: Kent H. Rehfeldt, MD

5:30 – 6:15 pm	Kent H. Rehfeldt, MD
6:15 – 7:00 pm	Edwin G. Avery, MD

## WEDNESDAY WORKSHOP

Separate Registration Required

8:00 – 11:00 AM

### Workshop # 10: TEE Review Course III: Putting it all Together

Chair: Marc E. Stone, MD

8:00 – 8:05 am	Review of Examination Expectations – David A. Zvara, MD
8:05 – 8:35 am	Basic Review of Ultrasound Physics – William S. Whitley, MD
8:35 – 9:05 am	Review of Hemodynamics – Albert T. Cheung, MD
9:05 – 9:30 am	2-D: The Left Ventricle and Image Artifacts – Lori B. Heller, MD
9:30 – 9:45 am	Coffee Break
9:45 – 10:15 am	The Aortic Valve – Joseph P. Miller, MD
10:15 – 10:45 am	The Mitral Valve – A. Stephane Lambert, MD
10:45 – 11:00 am	Questions & Answers

# SCA 29th Annual Meeting & Workshops

## Problem-Based Learning Discussions (PBLD)

Co-chairs: Colleen G. Koch, MD; Albert T. Cheung, MD; Michael H. Wall, MD

Each table is limited to 15 participants and two faculty members to allow for small group interaction, discussion, and exchange of ideas. Separate registration is required on page 15.

### Sunday, April 22, 2007

6:45 – 8:00 am

#### Table 1. Pregnancy and CPB:

Considerations for Maternal/Fetal Well-Being

Kelley Watson, MD/Michelle Capedeville, MD

#### Table 2. Updated ACLS Guidelines:

What's New?

Bryan May, MD/Andra Duncan, MD

#### Table 3. Ischemic Mitral Regurgitation

Joy Gathe-Ghermay, MD/Mark Chaney, MD

#### Table 4. Adults with Congenital Heart Disease: Case Studies

Emad Mossad, MD/Kathryn Rouine-Rapp, MD

#### Table 5. Cardiac Surgery in a Patient With Heparin-Induced Thrombocytopenia

Benjamin Sohmer, MD/Bruce D. Spiess, MD

#### Table 6. Epiaortic Scanning: Indications and How To

Marc Kanchuger, MD/Steven N. Konstadt, MD

#### Table 7. Education: The Problem Resident

Catherine Lineberger, MD/Michael S. O'Connor, MD

#### Table 8. Off-Pump CABG: Management Issues that Impact Outcomes

Kim Payne, MD/Jack S. Shanewise, MD

### Monday, April 23, 2007

6:45 – 8:00 am

#### Table 9. TAA Endovascular Stenting and Lumbar CSF Drains: To Drain or Not To Drain?

Karel Cvachovec, MD/Albert T. Cheung, MD

#### Table 10. Ethics: Does This Patient Deserve a VAD?

Rosemarie Maddi, MD/Richard Wolman, MD

#### Table 11. Who's at Risk for SAM after Mitral Valve Repair?

Nutan Mehta, MD/Andrew Maslow, MD

#### Table 12. LVAD and Non-Cardiac Surgery: Management Considerations

Mohammad Minhaj, MD/Marc E. Stone, MD

#### Table 13. Protein C, Von Willebrand, Cold Agglutinins: Blood Disorders that Impact CPB Management

John Apostolakis, MD/Amanda Fox, MD

#### Table 14. Economics of Fast Tracking: Are Expensive Drugs Necessary?

Alina Grigore, MD/Davy C.H. Cheng, MD

#### Table 15. Antiplatelet Medications and Surgery: Perioperative Management Issues

Wanda M. Popescu, MD/Linda Shore-Lesserson, MD

#### Table 16. Controversies in Pain Management After Thoracotomy: T-ball, PCA or Thoracic Epidural. Evidence for Superiority?

Bryant Murphy, MD/Paul Heerdt, MD

### Tuesday, April 24, 2007

6:45 – 8:00 am

#### Table 17. Anaphylaxis: Detection and Management

Feroze Mahmood, MD/Susan Garwood, MD

#### Table 18. Neurological Outcomes After CPB: Can We Make a Difference?

Thomas Floyd, MD/Gary W. Roach, MD

#### Table 19. 3-D Echo: Ready for Prime Time?

Douglas Shook, MD/Robert M. Savage, MD

#### Table 20. Management Issues for Carotid Revascularization: Stent or Open?

Anthony Passanante, MD/Christopher O'Connor, MD

#### Table 21. Atrial Fibrillation: Perioperative Prevention Strategies

Nanette Schwann, MD/Joseph Mathew, MD

#### Table 22. Pulmonary Hypertension and Pulmonary Thromboendarterectomy: Anesthetic Management Issues

Peter Schulman, MD/Simon Body, MD

#### Table 23. Perioperative Renal Protection

Theodore A. Alston, MD, PhD/Robert N. Sladen, MD

#### Table 24. Aortic Arch Surgery: How to Perfuse the Brain

Natalia Ryjikov, MD/David J. Cook, MD

**Theodore A. Alston, MD, PhD**  
Boston, MA

**John T. Apostolakis, MD**  
Cleveland, OH

**Simon C. Body, MB**  
Boston, MA

**Michelle J. Capdeville, MD**  
Cleveland, OH

**Mark A. Chaney, MD**  
Chicago, IL

**Davy C.H. Cheng, MD, MSc, FRCPC**  
Ontario, Canada

**Albert T. Cheung, MD**  
Philadelphia, PA

**David J. Cook, MD**  
Rochester, MN

**Karel Cvachovec, MD**  
Prague, Czech Republic

**Andra I. Duncan, MD**  
Cleveland, OH

**Thomas F. Floyd, MD**  
Philadelphia, PA

**Amanda Fox, MD**  
Boston, MA

**Susan Garwood, MD**  
New Haven, CT

**Joy Gathe-Ghermay, MD**  
Dallas, TX

**Alina M. Grigore, MD**  
Houston, TX

**Paul M. Heerdt, MD, PhD**  
New York, NY

**Marc S. Kanchuger, MD**  
New York, NY

**Steven N. Konstadt, MD**  
Brooklyn, NY

**Catherine K. Lineberger, MD**  
Durham, NC

**Rosemarie Maddi, MD**  
Boston, MA

**Feroze Mahmood, MD**  
Boston, MA

**Andrew D. Maslow, MD**  
Providence, RI

**Joseph P. Mathew, MD**  
Durham, NC

**Bryan May, MD**  
Charleston, SC

**Nutan Mehta, MD**  
Wilmington, DE

**Mohammed Minhaj, MD**  
Chicago, IL

**Emad B. Mossad, MD**  
Cleveland, OH

**Bryant A. Murphy, MD**  
Fayetteville, NC

**Christopher J. O'Connor, MD**  
Chicago, IL

**Michael S. O'Connor, DO**  
Cleveland, OH

**Anthony N. Passanante, MD**  
Chapel Hill, NC

**Kim J. Payne, MD**  
Charleston, SC

**Wanda M. Popescu, MD**  
New Haven, CT

**Gary W. Roach, MD**  
San Francisco, CA

**Kathryn Rouine-Rapp, MD**  
San Francisco, CA

**Natalia Ryjikov, MD**  
New York, NY

**Robert M. Savage, MD**  
Cleveland, OH

**Peter Schulman, MD**  
San Francisco, CA

**Nanette M. Schwann, MD**  
Allentown, PA

**Jack S. Shanewise, MD**  
New York, NY

**Douglas Shook, MD**  
Boston, MA

**Linda Shore-Lesserson, MD**  
Bronx, NY

**Robert N. Sladen, MD**  
New York, NY

**Benjamin Sohmer, MD**  
Ottawa, Ontario, Canada

**Bruce D. Spiess, MD**  
Richmond, VA

**Marc E. Stone, MD**  
New York, NY

**Kelley Teed Watson, MD**  
New Haven, CT

**Richard L. Wolman, MD**  
Madison, WI

# SCA 29th Annual Meeting & Workshops • April 21- 25, 2007

*Palais des congrès de Montréal, Montreal, Quebec, Canada*

## Scientific Program Registration

**Please complete the Workshop Registration and Problem Based Learning Discussion Forms on pages 14 and 15 if necessary.**

Please print or type on forms and return to:

**SCA, 2209 Dickens Road, Richmond, VA 23230-2005**  
**Phone (804) 282-0084 • Fax form to: (804) 282-0090 • Register online at: [www.scahq.org](http://www.scahq.org)**

Name \_\_\_\_\_ MD \_\_\_\_\_ PhD \_\_\_\_\_ Other \_\_\_\_\_  
Last First MI

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Office Phone ( \_\_\_\_\_ ) \_\_\_\_\_ Fax # ( \_\_\_\_\_ ) \_\_\_\_\_

Email \_\_\_\_\_

### Annual Meeting Registration

*Save \$75 (or \$25 for residents and fellows) on your meeting registration by joining the SCA when you register.*

	<b>Through March 9, 2007</b>	<b>After March 9, 2007</b>	
<input type="checkbox"/> <b>SCA Member</b> .....	\$500	\$600	\$ _____
<input type="checkbox"/> <b>Non-Member (MD, DO, PhD)+</b> .....	\$750	\$850	\$ _____
<input type="checkbox"/> <b>Resident/Fellow SCA Member**</b> .....	\$100	\$150	\$ _____
<input type="checkbox"/> <b>Resident/Fellow Non-member**</b> .....	\$200	\$250	\$ _____
<input type="checkbox"/> <b>Perfusionists+</b> .....	\$400	\$500	\$ _____
<input type="checkbox"/> <b>Non-Physician (licensed to administer anesthesia)+</b> .....	\$600	\$700	\$ _____
<input type="checkbox"/> <b>I plan to attend the Monday Night Reception</b> .....	Complimentary		\$ <b>COMP</b>
<input type="checkbox"/> <b>Monday Night Reception Guest # _____ @ _____</b> .....	\$45	\$50	\$ _____

\*\*When accompanied by a letter from Department Chairperson, verifying Resident/Fellow status.

+Pre-registration of Workshops/Evening Sessions is available to SCA members only. If space is available, sessions will be opened to non-members.

Dietary Restrictions? \_\_\_\_\_

Check     VISA     MasterCard     American Express     Discover

If paying by check, check must be in US funds payable to SCA.

Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_

Name Printed on Card \_\_\_\_\_

**Refund Policy:** For the Workshops, Evening Sessions, Annual Meeting, PBLDs, and guest fee a full refund will be provided through March 9, 2007; an 80% refund will be provided from March 10 through April 2, 2007. After April 2, 2007, the Society will not refund any registration fees. Refunds will be determined by the date the **written** cancellation is received in the SCA's headquarters office.

### Payment Total

Annual Meeting Total (this page) .....	\$ _____
Workshop Total (from page 14) .....	\$ _____
PBL Discussion Total (from page 15) .....	\$ _____
Grand Total .....	\$ _____

*If you do not receive a confirmation letter from the SCA office within 30 days of submitting your registration form, please call the office to confirm that your registration material has been received.*



# SCA 29th Annual Meeting & Workshops • April 21- 25, 2007

Palais des congrès de Montréal, Montreal, Quebec, Canada

## Problem-Based Learning Discussion (PBLD) Registration

PLEASE PRINT/TYPE

Name \_\_\_\_\_ MD \_\_\_\_\_ PhD \_\_\_\_\_ Other \_\_\_\_\_  
Last First MI

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Office Phone ( ) \_\_\_\_\_ Fax # ( ) \_\_\_\_\_

Email \_\_\_\_\_

*Please list your first, second and third choices for each day.*

**Choice Sunday, April 22, 2007**

- \_\_\_\_\_ Table 1 Pregnancy and CPB - Kelley Watson, MD/Michelle Capedeville, MD
- \_\_\_\_\_ Table 2 Updated ACLS Guidelines: What's New? - Bryan May, MD/Andra Duncan, MD
- \_\_\_\_\_ Table 3 Ischemic Mitral Regurgitation - Joy Gathe-Ghermay, MD/Mark Chaney, MD
- \_\_\_\_\_ Table 4 Adults with Congenital Heart Disease: Case Studies - Emad Mossad, MD/Kathryn Rouine-Rapp, MD
- \_\_\_\_\_ Table 5 Cardiac Surgery in a Patient with HIT - Benjamin Sohmer, MD/Bruce D. Spiess, MD
- \_\_\_\_\_ Table 6 Epiaortic Scanning: Indications and How To - Marc Kanchuger, MD/Steven N. Konstadt, MD
- \_\_\_\_\_ Table 7 Education: The Problem Resident - Catherine Lineberger, MD/Michael S O'Connor, MD
- \_\_\_\_\_ Table 8 Off-Pump CABG: Management Issues That Impact Outcomes - Kim Payne, MD/Jack S. Shanewise, MD

**Monday, April 23, 2007**

- \_\_\_\_\_ Table 9 TAA Endovascular Stenting and Lumbar CSF Drains - Karel Cvachovec, MD/Albert T. Cheung, MD
- \_\_\_\_\_ Table 10 Ethics: Does This Patient Deserve a VAD? - Rosemarie Maddi, MD/Richard Wolman, MD
- \_\_\_\_\_ Table 11 Who's at Risk for SAM After Mitral Valve Repair? - Nutan Mehta, MD/Andrew Maslow, MD
- \_\_\_\_\_ Table 12 LVAD and Non-Cardiac Surgery: Management Considerations - Mohammad Minhaj, MD/ Marc E. Stone, MD
- \_\_\_\_\_ Table 13 Protein C, Von Willebrand, Cold Agglutinins - John Apostolakis, MD/Amanda Fox, MD
- \_\_\_\_\_ Table 14 Economics of Fast Tracking: Are Expensive Drugs Necessary? - Alina Grigore, MD/Davy C.H. Cheng, MD
- \_\_\_\_\_ Table 15 Antiplatelet Medications and Surgery - Wanda M. Popescu, MD/Linda Shore-Lesserson, MD
- \_\_\_\_\_ Table 16 Controversies in Pain Management After Thoracotomy - Bryant Murphy, MD/Paul Heerdt, MD

**Tuesday, April 24, 2007**

- \_\_\_\_\_ Table 17 Anaphylaxis: Detection and Management - Feroze Mahmood, MD/Susan Garwood, MD
- \_\_\_\_\_ Table 18 Neurological Outcomes after CPB: Can We Make a Difference? - Thomas Floyd, MD/Gary W. Roach, MD
- \_\_\_\_\_ Table 19 3-D Echo: Ready for Prime Time? - Douglas Shook, MD/Robert M. Savage, MD
- \_\_\_\_\_ Table 20 Management Issues for Carotid Revascularization - Anthony Passanante, MD/Christopher O'Connor, MD
- \_\_\_\_\_ Table 21 Atrial Fibrillation: Perioperative Prevention Strategies - Nanette M. Schwann, MD/Joseph Mathew, MD
- \_\_\_\_\_ Table 22 Pulmonary Hypertension and Pulmonary Thromboendarterectomy - Peter Schulman, MD/Simon Body, MD
- \_\_\_\_\_ Table 23 Perioperative Renal Protection - Theodore A. Alston, MD/Robert N. Sladen, MD
- \_\_\_\_\_ Table 24 Aortic Arch Surgery: How to Perfuse the Brain - Natalia Ryjnikov, MD/David J. Cook, MD

	Through March 9, 2007	After March 9, 2007
Sunday PBLD .....	<input type="checkbox"/> \$40 .....	<input type="checkbox"/> \$45 .....
Monday PBLD .....	<input type="checkbox"/> \$40 .....	<input type="checkbox"/> \$45 .....
Tuesday PBLD .....	<input type="checkbox"/> \$40 .....	<input type="checkbox"/> \$45 .....

TOTAL \$ \_\_\_\_\_

Please add the total from this form to page 13. You will be assigned to only one table per day.





# SOCIETY OF CARDIOVASCULAR ANESTHESIOLOGISTS

## MEMBERSHIP APPLICATION

2209 Dickens Road, Richmond, VA 23230-2005

Phone (804) 282-0084 • Fax (804) 282-0090 • Email sca@societyhq.com • www.scahq.org

Name	(Last)	(First)	(MI)	<input type="checkbox"/> MD	<input type="checkbox"/> DO	<input type="checkbox"/> PhD	<input type="checkbox"/> Other
Preferred Mailing Address							
City	State/Country	Zip/Postal Code	Office Phone	Office Fax			
E-mail address		Type of Practice: <input type="checkbox"/> Private <input type="checkbox"/> University <input type="checkbox"/> Government <input type="checkbox"/> Other					

Board Certified?  Yes  No Specialty: \_\_\_\_\_ Board Eligible?  Yes  No Specialty: \_\_\_\_\_

### I AM APPLYING FOR: (SEE ELIGIBILITY REQUIREMENTS BELOW)

<input type="checkbox"/> Active SCA	\$175	<input type="checkbox"/> Associate SCA	\$175	<input type="checkbox"/> SCA Career Scientist	\$175	SCA/IARS/SPA/SAMBA/ISAP/STA
						<input type="checkbox"/> Resident \$75 <input type="checkbox"/> Fellow \$75
<input type="checkbox"/> Active SCA/IARS	\$210	<input type="checkbox"/> Associate SCA/IARS	\$210	<input type="checkbox"/> SCA/IARS Career Scientist	\$210	Residency/Fellowship Ends:
						(mm/dd/yy) / /

Already an IARS member?

Become a joint active SCA/IARS member for \$90.  Become a joint associate SCA/IARS member for \$90. (SCA will verify IARS membership)

### ELIGIBILITY REQUIREMENTS

#### Active Members

- Diplomate of the American Board of Anesthesiology, or other international equivalent.
- Possession of a degree of doctor of medicine, bachelor of medicine, doctor of osteopathy or other international equivalent.
- Possession of a valid license to practice medicine.

#### Associate Members

- Completion of an anesthesia residency training program accredited by the ACGME, the American Osteopathic Association or other international equivalent.
- Possession of a degree of doctor of medicine, bachelor of medicine, doctor of osteopathy or other international equivalent.
- Possession of a valid license to practice medicine.

#### Career Scientists

- Career scientist actively involved in research relating to thoracic or cardiovascular anesthesia or related fields of medicine.
- Possession of a doctor of philosophy degree.

#### SCA/IARS/SPA/SAMBA/ISAP/STA Resident /Fellow

- Physician in an approved anesthesiology training program accredited by ACGME, the American Osteopathic Association or other international equivalent.
- Possession of a degree of doctor of medicine, bachelor of medicine, doctor of osteopathy or other international equivalent.
- Signature of director of resident/fellow program required below.

### MEMBERSHIP INCLUDES

#### Joint SCA/IARS Membership

- Subscription to *Anesthesia & Analgesia*
- Annual SCA Monograph
- Annual IARS review course lectures book
- Six issues of the SCA Newsletter
- Reduced fees for the annual meeting of both SCA & IARS
- Eligibility for workshops at the SCA annual meeting
- Availability of starter and mid-career grants from SCA and research grants from IARS
- Access to member only section on SCA website offering online membership directory and other members only benefits
- Reporting of MOCA

#### SCA Membership

- Subscription to *Anesthesia & Analgesia*
- Annual SCA Monograph
- Six issues of the SCA newsletter
- Reduced fees for meetings
- Eligibility for workshops at the SCA annual meeting
- Availability of starter grants and mid-career from SCA
- Access to member only section on SCA website offering online membership directory and online CME activities
- Reporting of MOCA

#### Joint SCA/IARS/SPA/SAMBA/SIVA/STA Resident/Fellow

In addition to a monthly subscription to *Anesthesia & Analgesia*, joint resident membership provides numerous benefits from the six participating societies. Contact IARS (216-642-1124 for information about additional member benefits.)

Signature, Director of Residency Program (Resident/Fellow Only)

Applicant Signature (All Applicants)

VISA  MasterCard  American Express  Discover

NO DEBIT CARDS ACCEPTED

Check — If paying by check, check must be payable to SCA (US FUNDS ONLY), and mailed to SCA, 2209 Dickens Rd, Richmond, VA 23230-2005.

Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_ Name Printed on Card \_\_\_\_\_

Please visit  
**www.scahq.org**  
for program updates  
and online  
registration.



# 29th Annual Meeting & Workshops April 21 – 25, 2007

Palais des congrès Montréal • Montreal, Quebec, Canada



**Society of Cardiovascular  
Anesthesiologists**  
2209 Dickens Road  
Richmond, VA 23230-2005

Non-Profit  
Postage  
**PAID**  
Permit #1430  
Richmond, VA