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<thead>
<tr>
<th>Year/Meeting</th>
<th>Location</th>
<th>President</th>
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<tr>
<td>1917-1918</td>
<td>Chicago, IL</td>
<td>Samuel J. Meltzer</td>
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<td>1918-1919</td>
<td>Atlantic City, NJ</td>
<td>Willy Meyer</td>
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<td>1919-1920</td>
<td>New Orleans, LA</td>
<td>Willy Meyer</td>
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<td>1920-1921</td>
<td>Boston, MA</td>
<td>Rudolph Matas</td>
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<td>1921-1922</td>
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<td>Samuel Robinson</td>
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<td>1922-1923</td>
<td>Chicago, IL</td>
<td>Howard Lilienthal</td>
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<td>1923-1924</td>
<td>Rochester, MN</td>
<td>Carl A. Hedblom</td>
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<td>1924-1925</td>
<td>Washington, DC</td>
<td>Nathan W. Green</td>
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<td>1925-1926</td>
<td>Montreal, QUE</td>
<td>Edward W. Archibald</td>
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<td>1926-1927</td>
<td>New York, NY</td>
<td>Franz Torek</td>
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<td>Evarts A. Graham</td>
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<td>1929-1930</td>
<td>Philadelphia, PA</td>
<td>Wyman Whittemore</td>
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<td>1930-1931</td>
<td>San Francisco, CA</td>
<td>Ethan Flagg Butler</td>
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<td>1931-1932</td>
<td>Ann Arbor, MI</td>
<td>Frederick T. Lord</td>
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<td>1932-1933</td>
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<td>Boston, MA</td>
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<td>1934-1935</td>
<td>New York, NY</td>
<td>John Alexander</td>
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<td>1935-1936</td>
<td>Rochester, MN</td>
<td>Carl Eggers</td>
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<td>Los Angeles, CA</td>
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<td>Adrian V.S. Lambert</td>
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<td>St. Louis, MO</td>
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<td>David C. Sabiston</td>
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1989-1990     Toronto, ONT    F. Griffith Pearson
1990-1991     Washington, DC  Keith Reemtsma
1991-1992     Los Angeles, CA  John A. Waldhausen
1992-1993     Chicago, IL      John L. Ochsner
1993-1994     New York, NY     Aldo R. Castaneda
1994-1995     Boston, MA      Robert B. Wallace
1995-1996     San Diego, CA    Mortimer J. Buckley
1996-1997     Washington, DC  David B. Skinner
1997-1998     Boston, MA      Floyd D. Loop
1998-1999     New Orleans, LA  Lawrence H. Cohn
1999-2000     Toronto, ONT    Delos M. Cosgrove
2000-2001     San Diego, CA    James L. Cox

AMERICAN ASSOCIATION FOR THORACIC SURGERY
SECRETARIES
1918-1923     Nathan W. Green
1923-1925     Charles Gordon Heyd
1925-1930     Ethan Flagg Butler
1930-1935     Duff S. Allen
1935-1947     Richard H. Meade
1947-1951     Brian Blades
1951-1956     Paul C. Samson
1956-1963     Hiram T. Langston
1963-1968     Henry T. Bahnson
1968-1973     Thomas B. Ferguson
1978-1983     John L. Ochsner
1983-1988     Quentin R. Stiles
1988-1993     Martin F. McKneally
1993-1998     James L. Cox
1998-2003     Tirone E. David
2003-         Irving L. Kron

TREASURERS
1918-1923     Nathan W. Green
1923-1925     Charles Gordon Heyd
1925-1928     Ethan Flagg Butler
1928-1933     Carl Eggers
1933-1939     Edward D. Churchill
1939-1946     Isaac A. Bigger
1946-1954     William E. Adams
1954-1963     Julian Johnson
1963-1968     C. Rollins Hamlon
1968-1974     Paul C. Adkins
1974-1979     James R. Malm
1979-1984     Paul A. Ebert
1984-1989                Floyd D. Loop
1994-1999                Andrew S. Wechsler
1999-2003                Richard A. Jonas
2003-                       Alec Patterson

**BASIC SCIENCE LECTURERS**

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>H. Robert Horvitz, Ph.D.</td>
<td>Genetic Control of Programmed Cell Death in C. elegans</td>
</tr>
<tr>
<td>2005</td>
<td>Harry Dietz, M.D.</td>
<td>New Insights Into the Pathogenesis and Treatment of Marfan Syndrome</td>
</tr>
<tr>
<td>2004</td>
<td>John B. West, M.D.</td>
<td>A Shortage of Oxygen: Lessons from the Summit of Mt. Everest</td>
</tr>
<tr>
<td>2003</td>
<td>Richard White, M.D.</td>
<td>Advanced Imaging: Aiding the Mind€’s Eye of the Cardiothoracic Surgeon</td>
</tr>
<tr>
<td>2002</td>
<td>Steven A. Rosenberg, M.D.</td>
<td>The Immune Response to Human Cancer: Lessons from the Molecular Analysis of Patients with a Dramatic Response to Immunotherapy</td>
</tr>
<tr>
<td>2001</td>
<td>Gerald D. Buckberg, M.D.</td>
<td>The Helix and the Heart</td>
</tr>
<tr>
<td>2000</td>
<td>J. Craig Venter, Ph.D.</td>
<td>Decoding the Human Genome</td>
</tr>
<tr>
<td>1999</td>
<td>Victor Dzau, M.D.</td>
<td>Gene Therapy Strategies for Research Revascularization</td>
</tr>
<tr>
<td>1998</td>
<td>Eric J. Topol, M.D.</td>
<td>The Future of Coronary Thrombosis Prophylaxis</td>
</tr>
<tr>
<td>1997</td>
<td>Ronald G. Crystal, M.D.</td>
<td>Implications for Gene Therapy in Treating Coronary Artery Disease and Lung Cancer</td>
</tr>
<tr>
<td>1994</td>
<td>Timothy A. Springer, Ph.D.</td>
<td>Traffic Signals for Leukocyte Emigration from the Blood Stream</td>
</tr>
<tr>
<td>1992</td>
<td>Kurt Benirschke, M.D.</td>
<td>Twinning</td>
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<tr>
<td>1991</td>
<td>Fritz H. Bach, M.D.</td>
<td>Transplant Immunology: A Broadening of the Concept for the Future</td>
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<tr>
<td>1990</td>
<td>Louis Siminovitch, M.D.</td>
<td>Advances in Cancer Research €“ Bench to Bedside</td>
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<td>1989</td>
<td>Russell Ross, M.D.</td>
<td>The Pathogenesis of Atherosclerosis</td>
</tr>
<tr>
<td>1988</td>
<td>Raj K. Goyal, M.D.</td>
<td>Physiology and Pathophysiology of Esophageal Peristalsis</td>
</tr>
<tr>
<td>1987</td>
<td>Gustav J. V. Nossal, M.D.</td>
<td>Immuno-Regulation: The Key to Transplantation and Autoimmunity</td>
</tr>
</tbody>
</table>
## HONORED GUEST SPEAKERS
(1960-2006)

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Title</th>
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<tbody>
<tr>
<td>2006</td>
<td>John P. Howe, III, M.D.</td>
<td>A World in Need: Lessons Learned in Medical Diplomacy. The Project HOPE Perspective</td>
</tr>
<tr>
<td>2005</td>
<td>Richard D. Weisel, M.D.</td>
<td>Cardiac Regeneration</td>
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<tr>
<td>2004</td>
<td>Joseph Macinnis, M.D.</td>
<td>Leadership and Surgery: A View from Inside the Ocean</td>
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<tr>
<td>2003</td>
<td>Frank Culbertson, CAPT, USN</td>
<td>The Challenges of Human Space Flight</td>
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<tr>
<td>2002</td>
<td>Marc R. de Leval, M.D.</td>
<td>Beyond Flatland</td>
</tr>
<tr>
<td>2001</td>
<td>Mory Gharib, M.D.</td>
<td>Bioengineering for the Exploration of Space: New Challenges</td>
</tr>
<tr>
<td>2000</td>
<td>James L. Barksdale, M.D.</td>
<td>Effects of the Net Economy</td>
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<tr>
<td>1999</td>
<td>Judah Folkman, M.D.</td>
<td>Experimental and Clinical Application of Angiogenesis Research</td>
</tr>
<tr>
<td>1998</td>
<td>Ken Taylor, M.D.</td>
<td>A Practical Affair</td>
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<tr>
<td>1997</td>
<td>Antoon E. M. R. Lerut, M.D.</td>
<td>Esophageal Surgery at the End of the Millenium</td>
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<tr>
<td>1996</td>
<td>David H. Sachs, M.D.</td>
<td>Tolerance to Allogeneic and Xenogeneic Transplants</td>
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<tr>
<td>1995</td>
<td>Edmund D. Pellegrino, M.D.</td>
<td>Medical Ethics in the 21st Century: DNR or CPR?</td>
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<td>1994</td>
<td>Rodolfo Herrera-Llerandi, M.D.</td>
<td>A Thoracic Tale of Two Cities</td>
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<td>1993</td>
<td>Mark F. O’Brien, M.D.</td>
<td>The Structure and Function of Tissue Valves; Some Lessons Learned from the Fate of Implanted Heart Valves</td>
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<td>1992</td>
<td>Rene G. Favaloro, M.D.</td>
<td>Coronary Artery Bypass Graft Surgery; Twenty-five Years Later. Some Landmarks</td>
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<td>1991</td>
<td>Magdi Yacoub, M.D.</td>
<td>Long-Term Transplantation as a Model</td>
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<td>1990</td>
<td>A. P. Naef, M.D.</td>
<td>Pioneers and Milestones in Thoracic Surgery</td>
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<td>1989</td>
<td>Francis M. Fontan, M.D.</td>
<td>Transplantation of Knowledge</td>
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<td>1988</td>
<td>Jaroslav F. Stark, M.D.</td>
<td>Do We Really Correct Congenital Heart Defects?</td>
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<td>1987</td>
<td>Jean-Paul Binet M.D.</td>
<td>New Frontiers €“ New Barriers</td>
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<td>1986</td>
<td>Ake Senning, M.D.</td>
<td>The Cardiovascular Surgeon and the Liver</td>
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<td>1985</td>
<td>Hans G. Borst M.D.</td>
<td>Hands Across the Ocean: German/American Relations in Thoracic Surgery</td>
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<td>1984</td>
<td>Adib D. Jatene, M.D.</td>
<td>Left Ventricular Aneurysmectomy: Resection or Reconstruction?</td>
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<td>1983</td>
<td>Alain Carpentier, M.D.</td>
<td>Valve Surgery: The French Correction</td>
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<td>1982</td>
<td>Wu Ying-Kai, M.D.</td>
<td>Achievements in the Study and Control of Cancer of the Esophagus</td>
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<tr>
<td>1981</td>
<td>Roger A. Smith, M.D.</td>
<td>An Evaluation of the Long-Term Results of Surgery for Bronchial Carcinoma</td>
</tr>
<tr>
<td>Year</td>
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<tr>
<td>1980</td>
<td>H. D'Arcy Sutherland, M.D.</td>
<td>Cardio-Thoracic Metamorphosis</td>
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<td>1979</td>
<td>Brian Barratt-Boyes, M.D.</td>
<td>Cardiothoracic Surgery in the Antipodes</td>
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<td>1978</td>
<td>Donald Ross, M.D.</td>
<td>Cardiac Surgery Ò The Golden Years</td>
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<td>1977</td>
<td>Charles Dubost, M.D.</td>
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<td>1976</td>
<td>Eoin O'Malley, M.Ch., F.R.C.S.I.</td>
<td>The DoctorÔs Dilemma</td>
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<tr>
<td>1975</td>
<td>Gordon W. Thomas, M.D.</td>
<td>Surgery in the Sub-Arctic: A Thoracic SurgeonÔs Odyssey</td>
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<td>1974</td>
<td>Shigeru Sakakibara, M.D.</td>
<td>Experiences with Congenital Anomalies of the Heart in Japan</td>
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<td>1973</td>
<td>Thomas H. Sellors, M.D.</td>
<td>The Generality of Surgery</td>
</tr>
<tr>
<td>1972</td>
<td>C. Rollins Hanlon, M.D.</td>
<td>Specialization in Medicine</td>
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<tr>
<td>1971</td>
<td>Roger O. Egeberg, M.D.</td>
<td>Milestones In Chest Surgery</td>
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<td>1970</td>
<td>Leo Eloesser, M.D.</td>
<td>The Surgical Treatment of Tetralogy of Fallot</td>
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<td>1969</td>
<td>E. J. Zerbini, M.D.</td>
<td>Experience with Human Heart Transplantation</td>
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<td>1968</td>
<td>Christiaan N. Barnard, M.D.</td>
<td>Methods in Open Heart Surgery</td>
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<td>1967</td>
<td>Viking Olov Bjork, M.D.</td>
<td>Functional Diseases of the Esophagus and their Surgical Management</td>
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<tr>
<td>1965</td>
<td>A. Gerard Brom, M.D.</td>
<td>Narrowing of the Aortic Isthmus and Enlargement of the Mind</td>
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<td>1964</td>
<td>I. Boerema, M.D.</td>
<td>The Use of Hyperbaric Oxygen in Thoracic Surgery</td>
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<tr>
<td>1963</td>
<td>Andrew Logan, M.D.</td>
<td>The Surgical Treatment of Carcinoma of the Esophagus and Cardia</td>
</tr>
<tr>
<td>1962</td>
<td>Norman R. Barrett, M.D. Earle W. Wilkins, Jr., M.D.</td>
<td>Publish or Perish Experience With 500 Cases of Hiatus Hernia</td>
</tr>
<tr>
<td>1961</td>
<td>A. L. d'Abreu, M.D.</td>
<td>Thoracic Surgery in the Commonwealth of Medicine</td>
</tr>
<tr>
<td>1960</td>
<td>Alfonso Topete, M.D.</td>
<td>New Findings in the Coronary-Encephalic Perfusion in Depressive Surgical Cases</td>
</tr>
</tbody>
</table>
SURGICAL TREATMENT OF ATRIAL FIBRILLATION
Room 146, Washington Convention Center
Chairman: Ralph J. Damiano, Jr.

SCIENTIFIC PROGRAM

Morning Session - Current Topics and Controversies in the Treatment of Atrial Fibrillation
Moderator: Ralph J. Damiano, Jr., MD

8:00 - Welcome and Introduction
8:10 - Mechanisms of Atrial Fibrillation: Current State of the Art
8:40 - Catheter Ablation for Atrial Fibrillation: Does One Approach Fit All Patients?
9:10 - Surgery for Lone Atrial Fibrillation: How Do We Become Competitive with Catheter Ablation?
9:35 - Surgery for Atrial Fibrillation and Valvular Heart Disease: What is the Correct Lesion Set?
10:00 - Panel Discussion

9:10 - Welcome and Introduction
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9:35 - Surgery for Atrial Fibrillation and Valvular Heart Disease: What is the Correct Lesion Set?
10:00 - Panel Discussion

10:15 - BREAK

Moderator: A. Marc Gillinov, MD

10:30 - What's New in Ablation Technology?
11:00 - Adam E. Saltman

Maimonides Medical Center
11:00 - How Should We Report Our Clinical Studies and Results? Defining Success
Richard Shemin
Boston Medical Center

11:30 - Debate: Ganglionectomy is an Important Adjunct to AF Ablation
Pro: James Edgerton, Texas Heart Hospital of the Southwest
Con: Richard Schuessler, PhD, Washington University

12:00 - LUNCH

Afternoon Session - Operative Techniques for Lone Atrial Fibrillation Surgery
Moderator: Ralph J. Damiano, Jr., MD

1:00 - Minimally Invasive Maze Procedure
1:20 Niv Ad
Inova Heart & Vascular Institute

1:20 - Pulmonary Vein Isolation: Bilateral VATS and Partial Cardiac Denervation and Excision of LAA
1:40 Randall K. Wolf
UC Surgeons, Univ of Cincinnati

1:40 - Pulmonary Vein Isolation: Bilateral Thoracoscopic Approach
2:00 J. Crayton Pruitt
Cardiac Surgical Associates

2:00 - Pulmonary Vein Isolation: Unilateral Thoracoscopic Approach
2:20 Li Poa
Enloe Medical Center

2:20 - Panel Discussion

Operative Techniques for Atrial Fibrillation with Valvular Heart Disease
Moderator: Niv Ad, MD

3:00 - Left Atrial Ablation for Atrial Fibrillation
3:20 Stefano Benussi
San Raffaele Hospital

3:20 - Biatrial Lesion Sets
3:40 Patrick M. McCarthy
Northwestern Memorial Hospital

3:40 - Atrial Fibrillation Surgery through Minimally Invasive Approaches
4:00 W. Randolph Chitwood, Jr.
East Carolina Univ School of Med

4:00 - Beating Heart Ablation
4:20 Mark A. Groh
Asheville Cardiovascular & Thoracic Surgeons

4:20 - Panel Discussion

4:40 - Challenges in the Perioperative Management of Patients after AF Surgery
5:00 Roger C. Millar
LDS Hospital
5:00 Adjourn
pm

DEVELOPING THE ACADEMIC SURGEON - A SYMPOSIUM
Room 145, Washington Convention Center
Chairman: A. Marc Gillinov

1:00 Introduction
p.m. A. Marc Gillinov
   Cleveland Clinic Foundation

1:15 Cardiac Surgical Research: Basic, Clinical, or Both?
p.m. Aubrey C. Galloway
   New York University Medical Center

1:35 Clinical Trial Design: Basic Concepts and Concrete Examples
p.m. Eugene H. Blackstone
   Cleveland Clinic Foundation

1:55 Cardiothoracic Surgery and the NIH: Where do We Stand?
p.m. Pedro J. del Nido
   Children's Hospital - Boston

2:15 Models of Academic Thoracic Surgery I
p.m. John C. Wain
   Massachusetts General Hospital

2:30 Models of Academic Thoracic Surgery II
p.m. James D. Luketich
   University of Pittsburgh Medical Center

2:45 BREAK
p.m.

3:00 From Innovation to Application
p.m. Paul A. Spence
   University of Louisville Cardiothoracic Surgical Associated

3:20 Working with Industry
p.m. Michael J. Mack
   Cardiothoracic Surgery Associates of North Texas

3:40 Training for the Future - A Program Director's Perspective
p.m. R. Morton Bolman, III
   Brigham & Women's Hospital

4:00 Training for the Future - Reduced to Practice
p.m. Eric E. Roselli, Cleveland Clinic
   Mathew R. Williams, Columbia University Medical Center
   J. Michael Davidson, Brigham & Women's Hospital

5:00 ADJOURN
p.m.

SATURDAY, MAY 5, 2007

5:00 - 7:00 pm General Thoracic Biology Club
   Location: TBA
SUNDAY, MAY 6, 2007

AATS/STS ADULT CARDIAC SYMPOSIUM
Ballroom A/B, Washington Convention Center
Chairman: Joseph F. Sabik, III

7:55 a.m. Welcome
Joseph F. Sabik, III
*Cleveland Clinic Foundation*

**Session I Mitral Valve Repair**

8:00 a.m. *Indications, Imaging and Timing of Mitral Valve Repair and Surgical Techniques*
William Stewart
*Cleveland Clinic Foundation*

8:30 a.m. *Posterior Leaflet Prolapse: Quadrangular Resection with and without Sliding Valvuloplasty*
Lawrence H. Cohn
*Brigham & Women's Hospital*

8:50 a.m. *Posterior Leaflet Prolapse: Triangular Resection without Sliding Valvuloplasty*
Hartzell V. Schaff
*The Mayo Clinic*

9:10 a.m. *Posterior Leaflet Prolapse: Posterior Leaflet Rotation (NYU Repair)*
Aubrey C. Galloway
*New York University School of Medicine*

9:30 a.m. Discussion: Posterior Leaflet Repair Techniques
Lawrence H. Cohn, Hartzell V. Schaff, Aubrey C. Galloway

10:00 a.m. BREAK

10:20 a.m. *Anterior Leaflet Prolapse: Chordal Transfer*
A. Marc Gillinov
*Cleveland Clinic Foundation*

10:40 a.m. *Anterior Leaflet Prolapse: Artificial Chords as a Primary Approach to Leaflet Prolapse*
Fred W. Mohr
*Herzzentrum Universitaet LeipzigK*

11:00 a.m. *Anterior Leaflet Prolapse: Artificial Chords When Other Techniques Fail*
Tirone E. David
*Toronto General Hospital*

11:20 a.m. *Anterior Leaflet Prolapse: Edge to Edge Repair*
Ottavio R. Alfieri
*San Raffaele University Hospital*

11:40 a.m. Discussion: Anterior Leaflet Repair Techniques
A. Marc Gillinov, Tirone E. David, Fred W. Mohr, Ottavio R. Alfieri

12:00 p.m. LUNCH
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
<th>Affiliation(s)</th>
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<tbody>
<tr>
<td>1:00</td>
<td>Advantages and Limitations of Cardiac CT and MRI: What the Cardiac Surgeon Needs to Know</td>
<td>Scott D. Flamm</td>
<td>Cleveland Clinic Foundation</td>
</tr>
<tr>
<td>1:30</td>
<td>Less Invasive Coronary Surgery: Multivessel Revascularization via a Mini-Thoracotomy</td>
<td>Roxanne V. Newman</td>
<td>Meritcare Medical Center</td>
</tr>
<tr>
<td>1:50</td>
<td>Less Invasive Coronary Surgery: Totally Endoscopic Robotically Assisted Coronary Artery Bypass Grafting</td>
<td>Gerhard Wimmer-Greinecker</td>
<td>JWG-University of Frankfurt</td>
</tr>
<tr>
<td>2:10</td>
<td>Less Invasive Coronary Surgery: Hybrid Procedure</td>
<td>John G. Byrne</td>
<td>Vanderbilt Heart and Vascular Institute</td>
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<tr>
<td>2:30</td>
<td>Less Invasive Coronary Surgery: Anastomotic Connectors</td>
<td>Michael J. Mack</td>
<td>Cardiothoracic Surgery Associates of North Texas</td>
</tr>
<tr>
<td>2:50</td>
<td>Discussion</td>
<td>Roxanne V. Newman, Gerhard Wimmer-Greinecker, John G. Byrne, Michael J. Mack</td>
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<td>3:10</td>
<td>BREAK</td>
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<tr>
<td>3:30</td>
<td>Less Invasive Valve Surgery: Upper and Lower Hemisternotomy</td>
<td>Tomislav Mihaljevic</td>
<td>Cleveland Clinic Foundation</td>
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<td>3:50</td>
<td>Less Invasive Valve Surgery: Right Thoracotomy - Direct</td>
<td>Eugene A. Grossi</td>
<td>New York University Medical Center</td>
</tr>
<tr>
<td>4:10</td>
<td>Less Invasive Valve Surgery: Right Thoractomy - Thorascopic</td>
<td>Hugo K. Vanermen</td>
<td>Onze Lieve Vrouwenziekenhuis</td>
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<tr>
<td>4:30</td>
<td>Mitral Valve Repair Surgery with Robotic Technology</td>
<td>W. Randolph Chitwood, Jr.</td>
<td>East Carolina University School of Medicine</td>
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<td>4:50</td>
<td>Discussion</td>
<td>Tomislav Mihaljevic, Eugene A. Grossi, Hugo K. Vanermen, W. Randolph Chitwood</td>
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<td>5:10</td>
<td>ADJOURN TO WELCOME RECEPTION</td>
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* Subject to change

SUNDAY, MAY 6, 2007
AATS/STS GENERAL THORACIC SYMPOSIUM
Room 147, Washington Convention Center
Chairman: Sudish C. Murthy

STANDARDS OF CARE
8:00  Introduction
     a.m.  Sudish C. Murthy
            Cleveland Clinic Foundation

Session I Early Stage (Subcentimeter) NSCLCa
8:05  Limited Resection
     a.m.  Rodney J. Landreneau
            University of Pittsburgh Medical Center

8:15  Lobectomy
     a.m.  Jean DesLauriers
            Hospital Laval

8:25  Discussion
     a.m.

Session II Therapy for Stage IIIA NSCLCa
8:35  Chemoradiation as Primary Treatment
     a.m.  Tarek Mekhail
            Cleveland Clinic Foundation

8:45  Induction Therapy Followed by Surgery
     a.m.  Mark J. Krasna
            St. Joseph's Medical Center

8:55  Discussion
     a.m.

Session III Barrett's Esophagus with High-Grade Dysplasia
9:05  Endoscopic Management
     a.m.  Kenneth K. Wang
            The Mayo Clinic

9:15  Esophagectomy Versus Esophageal Preservation
     a.m.  Steven R. Demeester
            University of Southern California

9:25  Discussion
     a.m.

Session IV Locally Advanced Esophageal Cancer
9:35  En Bloc Resection
     a.m.  Nasser K. Altorki
            Cornell Medical Center

9:45  Induction Therapy Followed by Resection
     a.m.  Garret L. Walsh
            MD Anderson Cancer Center

9:55  Discussion
     a.m.
10:05 BREAK

MANAGEMENT OF SURGICAL COMPLICATIONS

10:15 Introduction
a.m. Sudish C. Murthy
   Cleveland Clinic Foundation

10:20 Protracted Air Leak Following Pulmonary Resection
a.m. John D. Mitchell
   University of Colorado Health Sciences Center

10:35 Bronchopleural Fistula and Empyema
a.m. Mark S. Allen
   The Mayo Clinic

10:50 Vocal Fold Immobility and Paralysis
a.m. Robert R. Lorenz
   Cleveland Clinic Foundation

11:05 Iatrogenic Chylothorax
a.m. Thomas W. Rice
   Cleveland Clinic Foundation

11:20 Anastomotic Leak and Stricture Post Esophagectomy
a.m. Claude Deschamps
   The Mayo Clinic

11:35 The Prevention and Treatment of Post-Thoracotomy Pain
a.m. Robert J. Cerfolio
   University of Alabama at Birmingham

11:50 Discussion
a.m.

12:00 LUNCH
p.m.

HOW TO (INSTRUCTIONAL VIDEOS)

1:00 Introduction
p.m. Sudish C. Murthy
   Cleveland Clinic Foundation

1:05 VATS Lobectomy
p.m. Daniel L. Miller
   Emory University School of Medicine

1:25 Transhiatal Esophagectomy
p.m. Mark B. Orringer
   University of Michigan Medical Center

1:45 Cervical Tracheal Resection
p.m. Douglas J. Mathiesen
   Massachusetts General Hospital

2:05 Pancoast Resection
p.m. William R. Smythe
   Texas A&M University Health Science Center
Left Thoracoabdominal Esophagectomy
TBD

Lung Volume Reduction Surgery
Joel D. Cooper
Hospital of the University of Pennsylvania

INVESTIGATIONAL THERAPIES

BREAK

Introduction
Sudish C. Murthy
Cleveland Clinic Foundation

High Frequency Radio Ablation
James D. Luketich
University of Pittsburgh Medical Center

Robotic Approaches in Thoracic Surgery
Kemp H. Kernstine
City of Hope National Medical Center

Endobronchial Lung Volume Reduction
Atul Mehta
Cleveland Clinic Foundation

Endoscopic Anti-Reflux Procedures
Jeffrey Ponsky
University Hospitals Case Medical Center

Discussion

ADJOURN TO WELCOME RECEPTION
EXHIBIT HALL

SUNDAY, MAY 6, 2007

AATS/STS CONGENITAL HEART SYMPOSIUM
Room 145, Washington Convention Center
Chairman: Charles D. Fraser, Texas Children's Hospital

Welcome
Charles D. Fraser
Texas Children's Hospital

Section I Global Congenital Heart Surgery

Congenital Heart Surgery in Developing Countries
Richard A. Jonas
Children's Hospital National Medical Center

Birth of a New Program - The Kardias Experience
Alexis Palacios-Macedo
Instituto Nacional de Pediatría

Discussion
Section II Techniques in Congenital Heart Surgery

9:00 a.m. Valve-Sparing Root Replacement in Children  
Duke E. Cameron  
The John Hopkins Hospital

9:20 a.m. One-Stage Repair Coarctation/VSD  
Henry L. Walters, III  
Wayne State University School of Medicine

9:40 a.m. Reconstructive Methods for Complex Systemic Venous Return  
Florentino J. Vargas  
Hospital de Ninos P. de Elizalde

10:00 a.m. Discussion

10:20 a.m. BREAK

10:40 a.m. Intracardiac Repair of Double Outlet Right Ventricle  
François G. Lacour-Gayet  
Children's Hospital Heart Institute

11:00 a.m. Transatrial/Transpulmonary Repairs of TOF  
George E. Sarris  
Onassis Cardiac Surgery Center

11:20 a.m. Maze Procedure in Single V Patients  
Carl L. Backer  
Children's Memorial Hospital

11:40 a.m. Discussion

12:00 p.m. LUNCH

Section III Controversies in Congenital Heart Surgery

1:00 p.m. Strategy for Physiologic Antegrade Cerebral Perfusion  
Frank L. Hanley  
Stanford University Medical Center

1:20 p.m. Perioperative Neuroprotection  
David P. Nelson  
Texas Children's Hospital

1:40 p.m. Training and Outcome of the Low Pressure Morphologic Left Ventricle in CCTGA and Atrially Corrected DTGA  
William J. Brawn  
Birmingham Children's Hospital

2:00 p.m. Discussion

Section IV Pediatric Transplantation

2:20 p.m. Pediatric Lung Transplantation: A Therapy in its Adolescence  
E. Dean McKenzie  
Baylor College of Medicine
2:40  BREAK

3:00  Recent North American Experience - Berlin Heart
      James K. Kirklin
      University of Alabama at Birmingham

3:20  Discussion

Section V Educating Congenital Heart Surgeons

3:40  ABTS Perspective on the Future of Congenital Heart Surgery Education
      Edward L. Bove
      University of Michigan

4:10  Perspective on Success in Congenital Heart Surgery
      Aldo R. Castaneda
      UNICAR

4:40  Discussion

5:00  ADJOURN TO WELCOME RECEPTION
      EXHIBIT HALL
      *Subject to change

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SUNDAY AFTERNOON, MAY 6, 2007

3:00  C. WALTON LILLEHEI RESIDENT FORUM SESSION
      Room 146, Washington Convention Center
      (7 minutes presentation, 8 minutes discussion)
      Moderators: John G. Byrne
      Mark J. Krasna

L1. Effect of Induction Regimen on Acute Rejection, Bronchiolitis Obliterans,
and Survival Following Lung Transplantation
      Gorav Ailawadi1, Philip W. Smith1, Tomomi Oka1, Hongkun Wang1, K Robert Shen1,
      Benjamin D. Kozower1, Thomas M. Daniel1, Irving L. Kron1, David R. Jones1
      1TCV Surgery, University of Virginia, Charlottesville, VA, USA.

L2. Dual Agent Immunosuppression Synergistically Inhibits Nitric Oxide And
Endothelin-1 Homeostasis
      Danny Ramzy1, Laura C. Tumiati1, Ning Xu1, Elissa Tepperman1, Rohit Sheshgiri1,
      Jessica Jackman1, Mitesh Badiwala1, Vivek Rao1
      1Cardiac Surgery, Toronto General Hospital, Toronto, ON, Canada.

L3. Transmyocardial Revascularization Enhances Myocardial Vasculogenesis
and Hemodynamic Function
      Pavan Atluri1, Erik E. Suarez1, George P. Liao1, Corinna Panlilio1, John B. Hye1,
      William Hiesinger1, Jeffrey E. Cohen1, Maximillian J. Smith1, Rebecca Levitt1, Y.
      Joseph Woo1
      1Division of Cardiothoracic Surgery, University of Pennsylvania, Philadelphia, PA,
      USA.

L4. Timing is everything. Pretreatment of donor lungs with the adenosine 2A
receptor agonist ATL-313 results in superior protection from lung ischemia
reperfusion injury versus administration during reperfusion.
      Leo M. Gazoni1, Victor E. Laubach1, Eric Unger1, Daniel P. Mulloy1, Turner C. Lisle1,
L5. Endothelial Nitric Oxide Synthase G894T Polymorphism Impacts Vascular Resistance and Long-term Outcome for Single Ventricle Patients

Thomas S. Maxey, William T. Mahle, Shady M. Eldaif, Brian E. Kogon, Kirk R. Kanter, Mark M. Bouzyk, Paul M. Kirshbom

1Emory University School of Medicine, Atlanta, GA, USA; 2Children’s Healthcare of Atlanta, Atlanta, GA, USA.

L6. Impact of Tumor-Infiltrating T-cells on Survival in Patients with Malignant Pleural Mesothelioma

Masaki Anraku, Kristopher S. Cunningham, Zhihong Yun, Ming-Sound Tsao, Li Zhang, Shaf Keshavjee, Michael R. Johnston, Marc de Perrot

1Division of Thoracic Surgery, Toronto General Hospital, University Health Network, University of Toronto, Toronto, ON, Canada. 2Division of Applied Molecular Oncology, Ontario Cancer Institute, Toronto, ON, Canada. 3Division of Cellular and Molecular Biology, Toronto General Research Institute, Toronto, ON, Canada.

L7. Insulin Treatment Enhances the Myocardial Angiogenic Response in Diabetes

Munir Boodhwani, Neel R. Sodha, Shu-Hua Xu, Shigetoshi Mieno, Jun Feng, Marc Ruel, Frank W. Sellke

1Beth Israel Deaconess Medical Center, Boston, MA, USA. 2Cardiac Surgery, University of Ottawa Heart Institute, Ottawa, ON, Canada.

L8. Therapeutic Induction Of Heme-Oxygenase-1 In The Heart Using A Hemoglobin-Based Oxygen Carrier

Sagar Damle, Ashok N. Babu, Ernest E. Moore, Michael Weyant, Anirban Banerjee, Lihan Ao, Jeffrey L. Johnson, Xianzhong Meng, David Fullerton

1University of Colorado at Denver, Health Sciences Center, Denver, CO, USA. 2Denver Health Medical Center, Denver, CO, USA.

5:00 ADJOURN TO WELCOME RECEPTION

MONDAY, MAY 7, 2007

7:45 Business Session (Limited to Members Only)

8:00 SCIENTIFIC SESSION

(8 minutes presentation, 12 minutes discussion)

Ballroom A/B, Washington Convention Center

Moderators: Bruce W. Lytle
Irving L. Kron

1. Abstract was withdrawn from presentation by request of the author

2. One or two ventricles in critical aortic stenosis? The disproportionate impact of pursuing biventricular repair in borderline cases

Edward J. Hickey, Christopher A. Caldarone, Eugene H. Blackstone, Gary K. Lofland, Thomas Yeh, Christo I. Tchervenkov, Christian Pizarro, Frank A. Pigula, Brian W. McCrindle

1The Hospital for Sick Children, Toronto, ON, Canada. 2The Cleveland Clinic Foundation, Cleveland, OH, USA. 3Children’s Mercy Hospital, Kansas City, MO, USA. 4University of Texas, Southwestern Medical Center, Dallas, TX, USA. 5Montreal Children’s Hospital, Montreal, QC, Canada. 6Alfred DuPont Hospital for Children,
3. Data from the STS General Thoracic Database: The Surgical Management of Primary Lung Tumors
Daniel Boffa¹, Joshua D. Grab¹, Mark S. Allen¹, Henning A. Gaisert¹, David H. Harpole¹, Cameron D. Wright¹
¹Mayo Clinic, Rochester, MN, USA. ²Cleveland Clinic, Cleveland, OH, USA. ³Duke University Medical Center, Durham, NC, USA. ⁴Massachusetts General Hospital, Boston, MA, USA. ⁵Duke Clinical Research Institute, Durham, NC, USA
Invited Discussant: Valerie W. Rusch

4. Long-term results of the open stent grafting technique for extended aortic arch disease
Kazuo Shimamura¹, Toru Kuratani¹, Goro Mastumiya¹, Masaaki Kato¹, Hiroshi Takano¹, Yoshiki Sawa¹
¹Department of cardiovascular surgery, Osaka university graduate school of medicine, Osaka, Japan. ²Osaka General Medical Center, Osaka, Japan. ³Morinomiya Hispital, Osaka, Japan
Invited Discussant: John A. Elefteriades

9:20 a.m. INTERVAL
VISIT EXHIBITS
Exhibit Hall E, Washington Convention Center

10:05 a.m. BASIC SCIENCE LECTURE
Ballroom A/B, Washington Convention Center
Nanotechnology - Impact on Cardiovascular Medicine
Steven R. Bailey, University of Texas
Introduced By: Bruce W. Lytle

10:45 a.m. SCIENTIFIC SESSION
Moderators: D. Craig Miller, Irving L. Kron

5. Cusp repair in aortic valve reconstruction; Does the technique affect stability?
Diana Aicher¹, Frank Langer¹, Oliver Adam¹, Dietmar Tscholl¹, Henning Lausberg¹, Hans-Joachim Schäfers¹
¹Department of Thoracic- and Cardiovascular Surgery, University-Hospital Homburg/ Saar, Germany, Homburg, Germany
Invited Discussant: Christopher M. Feindel

6. The Role of TEG in Directing Blood Product Usage in Infant Open-heart Surgery
Eric Mendeloff¹, George Glenn¹, Paul Tavakolian¹, Eugene Lin¹, Allison E. Leonard¹, Syma L. Prince¹, John Kampine², Morley A. Herbert²
¹Medical City Children's Hospital, Dallas, TX, USA. ²CRSTI, Dallas, TX, USA
Invited Discussant: Andrew S. Wechsler

11:25 a.m. PRESIDENTIAL ADDRESS
Bruce W. Lytle
Cleveland, OH
Introduced by: D. Craig Miller

12:30 p.m. ADJOURN FOR LUNCH
VISIT EXHIBITS
Exhibit Hall, Washington Convention Center
1:45  SIMULTANEOUS SCIENTIFIC SESSION - ADULT CARDIAC SURGERY
(8 minutes presentation, 12 minutes discussion)
Room 146, Washington Convention Center
Moderators: Ludwig K. Von Segesser
Christopher M. Feindel

7. Sustained Mild Hypothermia and Neurocognitive Function Following Coronary Artery Bypass Surgery: A Randomized, Double-Blind Study
Munir Boodhwani1, Fraser D. Rubens1, Denise Wozny1, Rosendo Rodriguez1, Howard J. Nathan1
‘Cardiac Surgery, University of Ottawa Heart Institute, Ottawa, ON, Canada.
Invited Discussant: Jonathan A. Hammond

8. Adverse Events during Reoperative Cardiac Surgery: Frequency, Impact, and Rescue
Eric E. Roselli1, B. Gosta Pettersson1, Eugene H. Blackstone1, Mariano E. Brizzio1, Penny L. Houghtaling2, Regina Hauck2, Jacob M. Burke2, Bruce W. Lytle2
‘Department of Thoracic and Cardiovascular Surgery, Cleveland Clinic, Cleveland, OH, USA. ‘Cleveland Clinic, Cleveland, OH, USA
Invited Discussant: Irving L. Kron

9. Left atrial volume reduction (LA-VR) helps restore atrial booster and reservoir functions after the Cox-Maze procedure (MAZE) - A study by magnetic resonance imaging (MRI)
Akira Marui1, Keiichi Tambara1, Yoshiaki Saji1, Nozomu Sasahashi1, Tadashi Ikeda1, Takeshi Nishina1, Masashi Komeda1
‘Kyoto University Graduate School of Medicine, Kyoto, Japan
Invited Discussant: Ralph J. Damiano, Jr.

10. Port-Access Surgery As Elective Approach For Mitral Valve Operation In Redo Procedure: A Single Center Experience
Mario Viganò1, Davide Ricci1, Andrea M. D’Armini1, Carlo Pellegrini1, Alessia Alfoni1, Barbara Cattadori1, Patrizio Sprefico1, Laura Riva1
‘Foundation Policlinico San Matteo - University of Pavia, Pavia, Italy
Invited Discussant: Joseph F. Sabik, III

3:05  INTERMISSION
p.m. VISIT EXHIBITS
Exhibit Hall, Washington Convention Center

3:40  SIMULTANEOUS SCIENTIFIC SESSION - ADULT CARDIAC SURGERY
p.m. Room 146, Washington Convention Center
Moderators: Ludwig K. Von Segesser
Christopher M. Feindel

11. Clinical Effect of Significant Myocardial Atrophy on Peri-operative Outcome following Pericardiectomy due to Chronic Constrictive Pericarditis
Ruoyu Zhang1, Axel Haverich1, Shrestha Malakh1, Christoph Bara1
‘Division of Thoracic and Cardiovascular Surgery, Medical School Hannover, Hannover, Germany
Invited Discussant: Hartzell V. Schaff

12. Transplant Should Not Be Delayed While Awaiting Functional Recovery in Patients on Mechanical Circulatory Support
Nicholas G. Smedira1, Katherine J. Hoercher1, Jing Feng1, Gonzalo Gonzalez-Stawinski1, Randall C. Starling1, Eugene H. Blackstone1
13. When Should Valve Replacement be Performed in Patients with Asymptomatic Severe Aortic Stenosis?
Morgan L. Brown, Patricia A. Pellikka, Hartzell V. Schaff, Christopher G. Scott, Charles J. Mullany, Thoralf M. Sundt, Joseph A. Dearani, Richard C. Daly, Thomas A. Orszulak
'Cardiovascular Surgery, Mayo Clinic, Rochester, MN; Mayo Clinic - Cardiovascular Medicine, Rochester, MN; Mayo Clinic - Biostatistics, Rochester, MN
Invited Discussant: Michael A. Acker

14. Treatment of Type II Endoleaks Associated With Left Subclavian Artery Coverage During Thoracic Aortic Stent Grafting
Mark D. Peterson, Grayson H. Wheatley, Jacques Kpodonu, James P. Williams, Venkatesh G. Ramaiah, Julio A. Rodriguez-Lopez, Edward B. Diethrich
'Cardiovascular Surgery, Arizona Heart Institute, Phoenix, AZ, USA
Invited Discussant: John A. Kern

5:00 p.m. 
ADJOURN

MONDAY AFTERNOON, MAY 7, 2007

15. The impact of lymph node station on survival in 348 surgically resected malignant pleural mesothelioma (MPM) patients: implications for revision of the AJCC staging system
Raja M. Flores, Thomas A. Routledge, Ennapadam Venkatraman, Joseph Dycoco, Yael Hirth, Valerie W. Rusch
'Memorial Sloan-Kettering Cancer Center, New York, NY, USA
Invited Discussant: W. Roy Smythe

16. Feasibility of multimodality therapy including extended resections in Stage IVA thymoma
James Huang, Nabil Rizk, Bernard Park, Manjit Bains, Raja Flores, Robert Downey, Valerie Rusch
'Thoracic Service, Memorial Sloan-Kettering Cancer Center, New York, NY, USA
Invited Discussant: Cameron D. Wright

17. Is palpation of the non-resected lobe(s) required for patients with non-small cell lung cancer? A prospective study
Robert J. Cerfolio, Ayesha Bryant
'Surgery, Univer of Alabama at Birmingham, Birmingham, AL, USA
Invited Discussant: Thomas A. D'Amico

18. Surgical Treatment of Solitary Fibrous Tumors of the Pleura: Outcome and Long-Term Prognosis
Karen M. Harrison-Phipps, Francis C. Nichols, Paul H. Schipper, Mark S. Allen, Stephen D. Cassivi, Claude Deschamps, Cathy D. Schleck, Dennis Wigle, Peter C. Pairolero
19. Stereotactic Radio Surgery For The Treatment Of Stage I Non-small Cell Lung Cancer In High-Risk Patients

ARJUN PENNATHUR1, Steve A. Burton1, James D. Luketich1, Ghulam Abbas1, Mang Chen1, Dwight E. Heron1, William E. Gooding1, Cihat Ozhasoglu1, Rodney J. Landreneau1, Neil A. Christie1
1University of Pittsburgh Medical Center, PITTSBURGH, PA, USA

Invited Discussant: Jack A. Roth

3:25 p.m. INTERMISSION

VISIT EXHIBITS
Exhibit Hall, Washington Convention Center

4:00 p.m. SIMULTANEOUS SCIENTIFIC SESSION - GENERAL THORACIC SURGERY
Room 147, Washington Convention Center

Moderators: Cameron D. Wright
James D. Luketich

20. Lung Transplantation in Older Patients?
Sam Bastani1, Rajan Saggar2, Ramin Beygui1, David J. Ross2, Joseph P. Lynch2, Gabriel T. Schnickel1, Abbas Ardehali1
1Division of Cardiac Surgery, David Geffen School of Medicine at University of California, Los Angeles, Los Angeles, CA, USA. 2Division of Pulmonary and Critical Care Medicine, David Geffen School of Medicine at University of California, Los Angeles, Los Angeles, CA, USA.

Invited Discussant: John C. Wain

21. The Impact of the Lung Allocation Score on Short-Term Transplantation Outcomes: A Multicenter Review
Benjamin D. Kozower1, Bryan F. Meyers2, Michael A. Smith1, Nilto C. De Oliveira2, Stephen D. Cassivi1, Tracey J. Guthrie2, Mark R. Conaway1, Beverly J. Ryan1, K. Robert Shen1, David R. Jones2
1Surgery, University of Virginia, Charlottesville, VA, USA. 2Washington University in St. Louis, St. Louis, MO, USA. 3University of Southern California, Los Angeles, CA, USA. 4University of Wisconsin, Madison, WI, USA. 5Mayo Clinic, Rochester, MN, USA

Invited Discussant: Kenneth R. McCurry

22. Postpneumonectomy Syndrome: Surgical Management and Long-Term Results
K. Robert Shen1, John C. Wain1, Cameron D. Wright1, Hermes C. Grillo1, Douglas J. Mathisen1
1Massachusetts General Hospital, Boston, MA, USA.

Invited Discussant: Sudish C. Murthy

5:00 p.m. ADJOURN
23. Case-mix Complexity Adjustment using both RACHS-1 and Aristotle applied to 45635 Operations in the STS Congenital Database
Jeffrey P. Jacobs¹, Marshall L. Jacobs¹, Francois G. Lacour-Gayet¹, Kathy Jenkins¹, Kimberlee Gauvreau¹, Emile Bacha¹, Bohdan Maruszewski¹, David R. Clarke¹, Christo I. Tchervenkov¹, J. William Gaynor¹, Thomas L. Spray¹, Giovanni Stellin¹, Martin J. Elliott¹, Constantine Mavroudis¹
¹The Congenital Heart Institute of Florida (CHIF), University of South Florida (USF), Saint Petersburg and Tampa, FL, USA. ²St Christopher's Hospital for Children, Drexel University College of Medicine, Philadelphia, PA, USA. ³Denver Children's Hospital, University of Colorado School of Medicine, Denver, CO, USA. ⁴Boston Children's Hospital, Harvard University, Boston, MA, USA. ⁵Children's Memorial Health Institute, Warsaw, Poland. ⁶Montreal Children's Hospital, McGill University, Montreal, QC, Canada. ⁷The Cardiac Center at The Children's Hospital of Philadelphia, Philadelphia, PA, USA. ⁸University of Padova Medical School, Padova, Italy. ⁹Great Ormond Street Hospital for Children, London, United Kingdom. ¹⁰Children's Memorial Hospital, Northwestern University Feinberg School of Medicine, Chicago, IL, USA
Invited Discussant: William G. Williams

Guido Oppido¹, Ben Davies¹, D. Michael McMullan¹, Andrew D. Cochrane¹, Michael M. Cheung ², Yves d’Udekem¹, Christian P. Brizard¹
¹Cardiac Surgical Unit, Royal Children's Hospital, Melbourne, Australia, Melbourne, VIC, Australia. ²Royal Children's Hospital, Melbourne, Australia - Cardiology Unit, Melbourne, VIC, Australia
Invited Discussant: John J. Lamberti

25. A New Procedure for Ebstein's Anomaly
Qingyu Wu¹
¹Heart Center, First Hospital of Tsinghua University, Beijing 100016 China
Invited Discussant: Joseph A. Dearani

2:45 p.m.
INTERMISSION
VISIT EXHIBITS
Exhibit Hall, Washington Convention Center

3:20 p.m.
SIMULTANEOUS SCIENTIFIC SESSION - CONGENITAL HEART DISEASE
Room 145, Washington Convention Center
Moderators: Scott M. Bradley
Joseph A. Dearani

26. Fate of the right ventricle after fenestrated right ventricular exclusion for severe neonatal Ebstein's
Brian L. Reemtsen¹, Anastasios C. Polimenakos¹, Brian T. Fagan¹, Winfield J. Wells¹, Vaughn A. Starnes¹
¹Department of Cardiothoracic Surgery, Childrens Hospital Los Angeles, Los Angeles, CA, USA. ²Keck School of Medicine of the University of Southern California, Los Angeles, CA, USA
Invited Discussant: V. Mohan Reddy
27. The Modified Ross-Konno Procedure for the Treatment of Aortic Valve Disease associated with Left Ventricular Outflow Tract Obstruction and/or Annular Hypoplasia
Zohair Yousef Al Halees¹, Saud Al Oufi¹, Ahmed Al Omrani¹, Maie Shahid¹, Mohammed Al Amri¹, Bahaa Michel Fadel¹
¹King Faisal Heart Institute, King Faisal Specialist Hospital and Research Center, Riyadh, Saudi Arabia
Invited Discussant: Pedro J. del Nido

28. Strategy for Biventricular Outflow Tract Reconstruction: Rastelli, REV, or Nikaidoh Procedure?
Zhi Gang Liu¹, Sheng Shou Hu¹
¹Pediatric cardiovascular surgery, The National Cardiovascular Institute, Fu Wai Hospital Beijing, Beijing, China
Invited Discussant: Marshall L. Jacobs

29. Durability of Hand Sewn Valves in the Right Ventricular Outlet
Graham R. Nunn¹, Jayme Bennetts¹, E.Onukul¹
¹Paediatric Cardiac Surgery, The Children's Hospital at Westmead, Sydney, NSW, Australia.
Invited Discussant: John W. Brown

30. Aprotinin is Safe in Pediatric Patients Undergoing Cardiac Surgery
Carl L. Backer¹, Angela M. Kelle¹, Robert D. Stewart¹, Sunitha C. Suresh¹, Farah N. Ali², Constantine Mavroudis¹
¹Division of Cardiovascular-Thoracic Surgery, Department of Surgery, Northwestern University Feinberg School of Medicine, Children's Memorial Hospital, Chicago, IL, USA. ²Division of Nephrology, Department of Pediatrics, Northwestern University Feinberg School of Medicine, Children's Memorial Hospital, Chicago, IL, USA
Invited Discussant: James S. Tweddell

5:00 p.m.
ADJOURN

TUESDAY MORNING, MAY 8, 2007

7:00 a.m.
CARDIAC SURGERY FORUM SESSION
(5 minutes presentation, 7 minutes discussion)
Room 145, Washington Convention Center
Moderators: Vaughn A. Starnes
Soichiro Kitamura

F1. Regional Remodeling Strain and its Association with Myocardial Apoptosis Post-Myocardial Infarction in Ovine Model
Godfred K. Yankey¹, Tieluo Li¹, Ahmet Kilic¹, Sina Moainie¹, Nathan Weidenhamer³, Timothy Nolan¹, Guangming Cheng¹, Deyanira Prastein¹, Gary Schwartzbauer¹, Zhongjun Wu¹, Bartley Griffith¹
¹University of Maryland, Baltimore, MD, USA
Invited Discussant: Robert C. Gorman

F2. Aprotinin confers neuroprotection by reducing excitotoxic cell death
Yusuke Iwata¹, Olivier Nicole², David Ziarakowski³, Toru Okamura¹, Richard A. Jonas¹
¹Children's National Heart Institute, Washington, DC, USA. ²UMR-CNRS 6185, Université de Caen, Caen, France
Invited Discussant: John V. Conte
F3. Concomitant Treatment with Oral L-Arginine Improves the Efficacy of Surgical Angiogenesis in Patients with End-Stage Coronary Artery Disease: The Endothelial Modulation in Angiogenic Therapy (EMAT) Triple-Blind Randomized Controlled Trial
Marc Ruel1, Vincent Chan1, Erik J. Suuronen1, Fraser D. Rubens1, Frank W. Sellke2, Nancy Camack3, Duncan J. Stewart1, Robert S. Beanlands1, Thierry G. Mesana1
1University of Ottawa Heart Institute, Ottawa, ON, Canada. 2Beth Israel Deaconess Medical Center - Harvard Medical School, Boston, MA, USA. 3St. Michael's Hospital - University of Toronto, Toronto, ON, Canada
Invited Discussant: Todd K. Rosengart

F4. Robotic totally endoscopic coronary artery bypass - A word of caution implicated by a five-year follow up
Utz Kappert1, Sems M. Tugtekin1, Romuald Cichon1, Klaus E. Matschke1
1Kardiochirurgie, Herzzentrum Dresden, Dresden, Germany
Invited Discussant: Ralph J. Damiano, Jr.

F5. The Effects of "Pure" Mitral Regurgitation on Mitral Annular Dynamics
Tom C. Nguyen1, Akinobu Itoh1, Robert A. Oakes1, Tomasz A. Timek1, Daniel B. Emnis1, David Liang1, George T. Daughters1, Neil B. Ingels1, David C. Miller1
1Stanford University, Stanford, CA, USA. 2Research Institute of the Palo Alto Medical Foundation, Palo Alto, CA, USA
Invited Discussant: Joseph H. Gorman, III

F6. RIFLE Criteria for Renal Dysfunction in Arch Aortic Surgery
George J. Arnaoutakis1, Tomas D. Martin1, Phillip J. Hess1, Charles T. Klodell1, Curtis G. Tribble1, Cyndi Garvan1, Thomas M. Beaver1
1Thoracic and Cardiovascular Surgery, University of Florida, Gainesville, FL, USA
Invited Discussant: R. Scott Mitchell

F7. New Insights in the Mechanisms of Smooth Muscle Cell Apoptosis in Ascending Aortic Dilatation with Bicuspid and Tricuspid Aortic Valve Stenosis: Possible Key-Role of Cell-Matrix Interactions
Alessandro Della Corte1, Cesare Quarto1, Clotilde Castaldo1, Franca Di Meglio1, Daria Nurzynska1, Luca S. De Santo1, Marisa De Feo1, Michelangelo Scardone1, Stefania Montagnani1, Maurizio Cotrufo1
1Department of Cardiothoracic and Respiratory Sciences, Second University of Naples, Naples, Italy. 2Federico II University - Department of Biomorphological and Functional Sciences, Naples, Italy
Invited Discussant: John S. Ikonomidis

F8. MRI Assessment of Reverse Left Ventricular Remodeling Late After Restrictive Mitral Annulopasty in Dilated Cardiomyopathy
Jerry Braun1, Jos J. Westenberg1, Nico R. van de Veire1, Stijn J. D. Roes1, Rob J. van der Geest1, Albert de Roos1, Ernst E. van der Wall1, Johan H. Reiber1, Jeroen J. Bax1, Robert A. Dion1
1Leiden University Medical Center, Leiden, Netherlands.
Invited Discussant: Michael A. Acker

F9. Gene Array Analysis of a Rat Model of Pulmonary Arteriovenous Malformations after Superior Cavopulmonary Anastomosis
Brian W. Duncan1, Russell S. Tipps1, Patrick Leahy1, Muhammad A. Mumtaz1
1Pediatric and Congenital Heart Surgery, Children's Hospital, Cleveland Clinic, Cleveland, OH, USA. 2Comprehensive Cancer Center, Case Western Reserve University School of Medicine and University Hospital, Cleveland, OH, USA.
Invited Discussant: Frank J. Sellke

F10. Improved Management of Systemic Venous Anomalies in Single Ventricle: New Rationale
TUESDAY MORNING, MAY 8, 2007

7:00 a.m.  GENERAL THORACIC FORUM SESSION
(5 minutes presentation, 7 minutes discussion)
Room 147, Washington Convention Center
Moderators: Thomas A. D'Amico
           David S. Schrump

F11. Surgical Resection Normalizes the Hemangiogenic Profile in Patients with Non-Small Cell Lung Cancer
David Jin1, Jeffrey L. Port1, Robert Korst1, Paul Lee1, Li Zhang1, Kathleen A. McDonald1, Cathy A. Ferrara1, Danish Meherally1, Shahin Rafii1, Nasser Altorki1
1Cardiothoracic Surgery, Weill Medical College of Cornell University, New York, NY, USA
Invited Discussant: Michael Lanuti

F12. Proteomic Analysis of Resectable Non-Small Cell Lung Cancer: Potential Markers for Diagnosis, Prognosis and Screening
Aiman Alzetani1, Sridhar Rathinam1, Nicholas D. James2, Douglas G. Ward2, Jane Starczynski2, Ashley Martin2, Philip J. Johnson2, Pala B. Rajesh2
1Heart of England NHS Foundation Trust, Birmingham, United Kingdom. 2Cancer Research UK Institute for Cancer Studies, Birmingham, United Kingdom
Invited Discussant: David H. Harpole

F13. Extracorporeal Lung Membrane Enables Superior Lung Protection For Post-Pneumonectomy Non-Cardiogenic Acute Respiratory Distress Syndrome
Manoli Iglesias1, Phillipp Jungebluth1, Purificacion Matute1, Irene Rovira1, Elisabeth Martinez1, Carole Petit1, Paolo Macchiarini1
1General Thoracic Surgical Experimental Laboratory, University of Barcelona, Barcelona, Spain
Invited Discussant: Michael S. Mulligan

F14. Antigen-specific CD8+ Cell Responses in Patients with Esophageal Carcinoma
1Cardiothoracic Surgery, Weill Medical College of Cornell University, New York, NY, USA
Invited Discussant: Ara A. Vaporciyan

F15. MicroRNA Expression Profiles in Esophageal Cancer
Virginia R. Little1, Andrew Feber1, Liqiang Xi1, James D. Luketich1, Arjun Pennathur1, Rodney J. Landreneau1, Maoxin Wu1, Scott J. Swanson1, Tony E. Godfrey1
1Cardiothoracic Surgery, Mount Sinai Medical Center, New York, NY, USA. 2University of Pittsburgh, Pittsburgh, PA, USA
Invited Discussant: Nasser K. Altorki

F16. Inhaled Prostacyclin Can Improve Pulmonary Hypertension in Acutely Decompensated Patients
George Comas1, Steve Xydas1, Kyle Glithero1, Jonathan Chang1, Alexandra Stylianos1, Christina Lesch1, Eileen Barnwell1, Amy Dzierba1, Ervart Nishanian1, Robert Sladen1, Mehmet Oz1
1Columbia University Medical Center, New York, NY, USA
Invited Discussant: John C. Wain
A Simple Two-Gene Molecular Prognostic Model for Adenocarcinoma of the Lung
Carolyn E. Reed, Amanda Graham, Michael B. Wallace, Rana S. Hoda, Andras Khoor, Michael Mitas
1Surgery, Medical University of South Carolina, Charleston, SC, USA. 2Mayo Clinic, Jacksonville, FL, USA
Invited Discussant: Virginia Little

Evaluating the Effects of a Dual Inhibitor of COX-1/COX-2 vs. a Selective COX-2 Inhibitor on Benzo[a]pyrene-Induced Neoplasia of the Forestomach and Lung
Mariana S. De Lorenzo, Kotha Subbaramaiah, Nasser K. Altorki, Madhu Mazumdar, Levy Kopelovich, Krista M. La Perle, Andrew J. Dannenberg, Jeffrey L. Port
1CT Surgery, Weill Cornell, New York, NY, USA. 2NCI, Bethesda, MD, USA. 3Dept. of Biostatistics Weill Cornell, New York, NY, USA. 4Dept. of Comparative Pathology Weill Cornell, New York, NY, USA
Invited Discussant: Dao M. Nguyen

The Effects Of Bone Wax And Ostene®, A Newly Available Water-Soluble Synthetic Bone Hemostasis Material, On Sternal Healing Following Median Sternotomy In An Animal Model
Jonathan K. Armstrong, Timothy C. Fisher, John S. Cambridge, Qian Kang, Yuehuei H. An, Xuejun Wen, Tadeusz Wellisz
1Keck School of Medicine, University of Southern California, Los Angeles, CA, USA. 2Medical University of South Carolina, Charleston, SC, USA
Invited Discussant: Todd L. Demmy

A Novel Vascularized Gaft for Replacement of Long Tracheal Defects
Igor Tudorache, Serghei Cebotari, Bettina Giere, Reinhard von Wasielewski, Jens Gottlieb, Andres Hilfiker, Axel Haverich
1Hanover Medical School, Hanover, Germany
Invited Discussant: Simon K. Ashiku

TUESDAY MORNING, MAY 8, 2007

9:00 a.m. SCIENTIFIC SESSION
(8 minute presentation, 12 minutes discussion)
Ballroom A/B, Washington Convention Center
Moderators: Bruce W. Lytle
Irving L. Kron

31. Is Survival Always Better after Valve Repair than after Valve Replacement for Degenerative Mitral Valve Disease?
1Thoracic and Cardiovascular Surgery, Cleveland Clinic, Cleveland, OH, USA. 2Cleveland Clinic, Cleveland, OH, USA
Invited Discussant: Tirone E. David

32. Extrapleural Pneumonectomy (EPP) versus Pleurectomy/Decortication (P/D) in the surgical management of malignant pleural mesothelioma (MPM): results in 663 patients
Raja M. Flores, Harvey I. Pass, Ennapadam Venkatraman, Joseph Dycoco, Manjit Bains, Valerie Rusch
1Memorial Sloan-Kettering Cancer Center, New York, NY, USA. 2New York
33. EBUS-TBNA for Mediastinal Restaging
Mark Krasnik¹, Armin Ernst¹, Ralf Eberhardt¹, K. Yasufuku¹, Felix Herth¹
¹Thoracic and Cardiovascular Surgery, Gentofte University Hospital, Copenhagen, Denmark
Invited Discussant: James D. Luketich

34. Evolving arch surgery using integrated antegrade selective cerebral perfusion; impact of axillary artery perfusion
Hitoshi Ogino¹, Hiroaki Sasaki¹, Kenji Minatoya I, Hitoshi Matsuda¹, Hirotaka Watanuki¹, Soichiro Kitamura¹
¹Cardiovascular Surgery, National Cardiovascular Center, Suita, Japan
Invited Discussant: Joseph S. Coselli

35. Long-Term Outcome of Operation for Ebstein's Anomaly
ML Brown, JA Dearani, DJ Driscoll, F Cetta, HM Connolly, CA Warnes, GK Danielson
Invited Discussant: Vaughn A. Starnes

10:40 INTERMISSION
a.m. VISIT EXHIBITS
Exhibit Hall

11:25 AWARD PRESENTATIONS
a.m. Ballroom A/B Washington Convention Center

11:40 ADDRESS BY HONORED SPEAKER
a.m. TBD
Introduced By: Bruce W. Lytle

12:20 ADJOURN FOR LUNCH
p.m. VISIT EXHIBITS
Exhibit Hall, Washington Convention Center

CARDIOTHORACIC RESIDENTS' LUNCHEON
Washington Convention Center

ACADEMIC LEADERSHIP LUNCHEON
Washington Convention Center

TUESDAY AFTERNOON, MAY 8, 2007

2:00 SIMULTANEOUS SCIENTIFIC SESSION - ADULT CARDIAC SURGERY
(presentation, 12 minutes discussion)
Room 146, Washington Convention Center
Moderators: Ralph J. Damiano, Jr.
Joseph F. Sabik, III

36. Is recurrence of mitral valve regurgitation more frequent in Barlow Disease than in Fibroelastic Deficiency postrepair?
Willem Flameng¹, Bart Meuris¹, Paul Herijgers¹, Marie-Christine Herregods¹
¹Cardiac Surgery, University Hospitals Leuven, Leuven, Belgium
Invited Discussant: Aubrey C. Galloway

37. The Occasional Open Heart Surgeon Revisited
Joseph S. Carey¹, Joseph Parker²
¹California Society of Thoracic Surgeons, Torrance, CA, USA. ²Office of Statewide
38. Development of collateral blood supply for spinal cord immediately after descending or thoracoabdominal repair with selective reconstruction of Adamkiewicz artery
Satoshi Saito, Shigeyuki Aomi, Hiroyuki Tomioka, Hiromi Kurosawa
Department of Cardiovascular Surgery, Tokyo Women's Medical University, Tokyo, Japan
Invited Discussant: Joseph E. Bavaria

39. Preoperative Hemoglobin A1c Level Is More Predictive Than Diagnosis Of Diabetes For Adverse Events Following Coronary Artery Bypass Surgery
Michael E. Halkos, Vinod H. Thourani, Omar M. Lattof, Patrick Kilgo, Faraz Kerendii, Robert A. Guyton, John D. Puskas
Emory University School of Medicine, Atlanta, GA, USA. Emory University Rollins School of Public Health, Atlanta, GA, USA
Invited Discussant: Harold L. Lazar

3:20 p.m. INTERMISSION

3:55 p.m. SIMULTANEOUS SCIENTIFIC SESSION
Moderators: Ralph J. Damiano, Jr. Joseph F. Sabik, III

40. Reliability of Risk Algorithms in Predicting Early and Late Operative Outcomes in High Risk Patients Undergoing Aortic Valve Replacement
Todd M. Dewey, David Brown, William H. Ryan, Morley A. Herbert, Syma L. Prince, Michael J. Mack
CRSTI, Dallas, TX, USA. Medical City Dallas Hospital, Dallas, TX, USA. Presbyterian Hospital of Dallas, Dallas, TX, USA
Invited Discussant: Eugene H. Blackstone

41. Mid-term Angiographic Follow-up After Off-Pump Coronary Artery Bypass; Serial Comparisons Using the Early, One-year, and Five-year Postoperative Angiographies
Ki-Bong Kim, Kwang R. Cho, Dong S. Jeong
Seoul National University Hospital, Seoul, South Korea
Invited Discussant: Brian F. Buxton

42. Surgical Outcomes Following the Cox-Maze Procedure: The Importance of Isolating the Posterior Left Atrium
Rochus K. Voeller, Marci S. Bailey, Andreas Zierer, Shelly C. Lall, Shun-ichiro Sakamoto, Kristen A. Aubuchon, Marc R. Moon, Richard B. Schuessler, Ralph J. Damiano
Cardiothoracic Surgery, Washington University School of Medicine, Saint Louis, MO, USA
Invited Discussant: Ottavio R. Alfieri

5:00 p.m. EXECUTIVE SESSION
(Members Only)
Room 146, Washington Convention Center
2:00 SIMULTANEOUS SCIENTIFIC SESSION - GENERAL THORACIC SURGERY
(8 minutes presentation, 12 minutes discussion)
Room 147, Washington Convention Center
Moderators: Valerie W. Rusch
Douglas E. Wood

43. Quality of Life Outcomes are Equivalent after Lobectomy in the Elderly
William R. Burfeind1, Betty C. Tong1, Erin E. O'Branski1, Eric M. Toloza1, Thomas A. D'Amico1, Linda H. Harpole2, David H. Harpole3
1Thoracic Surgery, Duke University, Durham, NC, USA. 2Glaxo Smith Kline, Research Triangle Park, NC, USA
Invited Discussant: Francis C. Nichols

44. Multifocal Neoplasia in T1 Esophageal Carcinoma: Implications for Endoscopic Treatment
Nasser K. Altorki1, Jeffrey L. Port1, Paul C. Lee1, Yaakov Liss1, Danish Meherally1, David Jin1, Robert J. Korst1
1CT Surgery, Weill Cornell, New York, NY, USA
Invited Discussant: Thomas W. Rice

45. The Effect of Combined Modality Therapy on Quality of Life in Esophageal Cancer
Najib Safieddine1, Jennifer Knox1, Rebecca Wong1, Wei Xu1, Jennifer Hornby1, Shaf Keshavjee1, Gail Darling1
1University of Toronto, Toronto, ON, Canada
Invited Discussant: Kenneth A. Kessler

3:00 INTERMISSION
VISIT EXHIBITS
Exhibit Hall, Washington Convention Center

3:35 SIMULTANEOUS SCIENTIFIC SESSION - GENERAL THORACIC SURGERY
Room 147, Washington Convention Center
Moderators: Valerie W. Rusch
Douglas E. Wood

46. Traumatic Diaphragmatic Injury: The Influence of Associated Injuries on Mortality
Wael Hanna1, Lorenzo Ferri1, David Mulder1
1McGill University, Montreal, QC, Canada.
Invited Discussant: Peter F. Ferson

47. Thoracoscopic Sympathetic Clipping for Hyperhidrosis: Long-term Results and Reversibility
Hiroshi Sugimura1, Ernst H. Spratt1, Christopher G. Compeau1, Yaron Shargall1
1Division of Thoracic Surgery, Department of Surgery, University of Toronto, St. Joseph's Health Centre, Toronto, ON, Canada
Invited Discussant: James S. Allan

Robert A. Meguid1, Eric S. Weiss1, David C. Chang1, Malcolm V. Brock1, Steven C. Yang1
1Surgery, Johns Hopkins University, School of Medicine, Baltimore, MD, USA
Invited Discussant: Arjun Pennathur
49. Accelerated treatment of postpneumonectomy empyema: A bi-national long-term study
Didier Schneiter1, Tomasz Grodzki2, Didier Lardinois1, Peter B. Kestenholz1, Janusz Wojciech, Bartosz Kubisa1, Jaroslaw Pierog2, Walter Weder1
1Thoracic Surgery University Hospital of Zurich, Zurich, Switzerland. 2Thoracic Surgery, Szczecin, Poland
Invited Discussant: Francis C. Nichols, III

50. Cardiac surgery in infants with low weight is associated with increased mortality: An analysis of the Society of Thoracic Surgeons Congenital Heart Database
Christopher L. Curzon1, Sarah Milford-Beland2, Jennifer S. Li3, Sean M. O'Brien4, Jeffrey P. Jacobs5, Marshall L. Jacobs6, Karl F. Welke7, Andrew J. Lodge8, Eric D. Peterson8, James Jaggers8
1Division of Pediatric Cardiology, Duke University Medical Center, Durham, NC, USA. 2Duke Clinical Research Institute, Durham, NC, USA. 3Division of Pediatric Cardiovascular Surgery, Duke University Medical Center, Durham, NC, USA. 4The Congenital Heart Institute of Florida, University of South Florida, All Children's Hospital, Children's Hospital of Tampa, Tampa, FL, USA. 5Division of Pediatric Cardiovascular Surgery, St. Christopher's Hospital for Children, Philadelphia, PA, USA. 6Division of Cardiothoracic Surgery, Oregon Health and Science University, Portland, OR, USA
Invited Discussant: Scott M. Bradley

51. Long-term results of definitive repair for pulmonary atresia with ventricular septal defect and major aortopulmonary collateral arteries - Late outcome of the unifocalized pulmonary vasculature: more than 10 years evaluation
Koji Kagisaki1, Toshikatsu Yagihara1, Ikuo Hagino2, Shuichi Shiraishi2, Fumiaki Shikata2, Yuki Nakamura2, Junjiro Kobayashi2, Soichiro Kitamura2
1Cardiovascular Surgery, National Cardiovascular Center, Suita, Osaka, Japan
Invited Discussant: Glen Van Arsdell

52. Myocardial revascularization in infants and children: coronary artery proximal patch arterioplasty and coronary artery bypass. A single institution experience
Eric Bergao1, Olivier Raisy1, Alexandra Degandt1, Daniel Tamisier1, Daniel Sidi2, Pascal Youh1
1Hôpital Necker - Enfants Malades, Paris, France
Invited Discussant: Carl L. Backer

TUESDAY AFTERNOON, MAY 8, 2007

2:00 p.m. SIMULTANEOUS SCIENTIFIC SESSION - CONGENITAL HEART DISEASE
(8 minutes presentation, 12 minutes discussion)
Room 145, Washington Convention Center
Moderators: Vaughn A. Starnes
Jeffrey P. Jacobs

50. Cardiac surgery in infants with low weight is associated with increased mortality: An analysis of the Society of Thoracic Surgeons Congenital Heart Database
Christopher L. Curzon1, Sarah Milford-Beland2, Jennifer S. Li3, Sean M. O'Brien4, Jeffrey P. Jacobs5, Marshall L. Jacobs6, Karl F. Welke7, Andrew J. Lodge8, Eric D. Peterson8, James Jaggers8
1Division of Pediatric Cardiology, Duke University Medical Center, Durham, NC, USA. 2Duke Clinical Research Institute, Durham, NC, USA. 3Division of Pediatric Cardiovascular Surgery, Duke University Medical Center, Durham, NC, USA. 4The Congenital Heart Institute of Florida, University of South Florida, All Children's Hospital, Children's Hospital of Tampa, Tampa, FL, USA. 5Division of Pediatric Cardiovascular Surgery, St. Christopher's Hospital for Children, Philadelphia, PA, USA. 6Division of Cardiothoracic Surgery, Oregon Health and Science University, Portland, OR, USA
Invited Discussant: Scott M. Bradley

51. Long-term results of definitive repair for pulmonary atresia with ventricular septal defect and major aortopulmonary collateral arteries - Late outcome of the unifocalized pulmonary vasculature: more than 10 years evaluation
Koji Kagisaki1, Toshikatsu Yagihara1, Ikuo Hagino2, Shuichi Shiraishi2, Fumiaki Shikata2, Yuki Nakamura2, Junjiro Kobayashi2, Soichiro Kitamura2
1Cardiovascular Surgery, National Cardiovascular Center, Suita, Osaka, Japan
Invited Discussant: Glen Van Arsdell

52. Myocardial revascularization in infants and children: coronary artery proximal patch arterioplasty and coronary artery bypass. A single institution experience
Eric Bergao1, Olivier Raisy1, Alexandra Degandt1, Daniel Tamisier1, Daniel Sidi2, Pascal Youh1
1Hôpital Necker - Enfants Malades, Paris, France
Invited Discussant: Carl L. Backer

3:00 p.m. INTERMISSION
VISIT EXHIBITS
Exhibit Hall, Washington Convention Center
SIMULTANEOUS SCIENTIFIC SESSION - CONGENITAL HEART DISEASE
Room 145, Washington Convention Center
Moderators: Vaughn A. Starnes
Jeffrey P. Jacobs

53. Moderate versus Deep Hypothermia for the Arterial Switch Operation - Experience with 100 Consecutive Patients
Ardawan J. Rastan1, Thomas Walther2, Nidal Al-Alam3, Ingo Daehnert1, Wilfried Bellinghausen1, Joerg Hambsch1, Friedrich W. Mohr1, Jan Janousek1, Martin Kostelka1
1Heart Center Leipzig, Leipzig, Germany
Invited Discussant: Richard A. Jonas

54. Diaphragm plication does not correct splanchnic venous flow in Fontan patients with a paralyzed diaphragm
Tain-Yen Hsia1, Sachin Khambadkone1, Scott M. Bradley2, Marc de Leval2
1Cardiothoracic Surgery, Medical University of South Carolina, Charleston, SC, USA. 2Great Ormond Street Hospital for Children, NHS Trust, London, United Kingdom
Invited Discussant: Winfield J. Wells

55. An analysis of a modification of the Norwood procedure using a right ventricle - pulmonary artery (RV-PA) conduit routed to the right of the neoartera
Andre Brooks1, John Stickley2, Steve Wooley1, Oliver Stumper2, Timothy J. Jones3, David J. Barron3, William J. Brawn1
1Cardiac Surgery, BirminghamChildren's Hospital, Birmingham, United Kingdom. 2Birmingham Children's Hospital - Cardiology, Birmingham, United Kingdom
Invited Discussant: Shunji Sano

56. Surgical outcome for patients with the aortic atresia-mitral stenosis variant of hypoplastic left heart syndrome
Vladimiro L. Vida1, Kimberlee Gauvreau1, Adam Dorfman1, Alesandro Larrazabal1, Frank Pigula1, Emile A. Bacha1, John E. Mayer1, Pedro J. Del Nido1, Francis Fynn-Thompson1
1Children's Hospital of Boston, Boston, MA, USA.
Invited Discussant: Thomas L. Spray

EXECUTIVE SESSION (Members Only)
Ballroom A/B, Washington Convention Center

EMERGING TECHNOLOGIES AND TECHNIQUES FORUM
(7 Minutes Presentation, 8 Minutes Discussion)
Room 145, Washington Convention Center
Moderators: Michael A. Acker
Michael J. Mack

T1. Simultaneous Hybrid Coronary Revascularization Reduces Postoperative Morbidity Compared To Procedures Utilizing Only Coronary Artery Bypass Grafting
Zachary N. Kon1, Barry Reicher1, Emile N. Brown1, Seeta Kallam1, Nicholas S. Burris1, Peter Reyes1, David Zimrin1, Ashish Joshi1, Robert S. Poston1
1Surgery, University of Maryland, Baltimore, MD, USA.
T2. Thoracoscopic Left Atrial Ablation Provides Mid Term Freedom From Intermittent Atrial Fibrillation
Dudley Hudspeth¹, Andrew J. Kaplan², Michael C. Maxwell³
¹Desert Cardiothoracic Surgeons, Mesa, AZ, USA. ²Banner Desert Hospital, Mesa, AZ, USA.

T3. A Novel Bio-engineered Small Caliber Vascular Graft Incorporating Heparin and Sirolimus: Excellent 6 Month Patency
Yosuke Ishii¹, Shin-ichiro Sakamoto¹, Russell T. Kronengold¹, Renu Virmani³, Elias A. Rivera¹, Scott M. Goldman¹, Ericka J. Prechel¹, James G. Hill¹, Ralph J. Damiano³
¹Cardiothoracic Surgery, Washington University School of Medicine, St. Louis, MO, USA. ³Kensey Nash Corporation, Exton, PA, USA. ²American Registry of Pathology, Washington D.C., DC, USA.

T4. Worldwide Experience with the Paracor HeartNet™ Cardiac Restraint Device
Charles T. Klodell¹, Juan M. Aranda¹, Barry K. Rayburn², David C. McGiffin³, William T. Abraham², Benjamin Sun², John P. Boehmer², Walter Pae², Helmut Klein⁴, Christof Huth⁴
¹Dept. of Surgery, University of Florida, Gainesville, FL, USA. ²University of Alabama-Birmingham, Birmingham, AL, USA. ³Ohio State University, Columbus, OH, USA. ⁴Penn State College of Medicine, Hershey, PA, USA. ⁵Universitätsklinikum Magdeburg, Magdeburg, Germany.

T5. FLOWATCH® Versus Conventional Pulmonary Artery Banding
Antonio F. Corno¹, Steve Kerr¹, Edmund J. Ladusans¹, Marco Pozzi¹
¹Cardiac Surgery, Alder Hey Royal Children Hospital, Liverpool, United Kingdom

T6. Chronic ambulatory counterpulsation reverses end stage heart failure
Valluvan Jeevanandam¹, Allen Anderson¹, Martin Chen¹, Adrian Kantrowitz¹, Mark Myren¹, Jaishankar Raman¹ ¹Section of Cardiothoracic Surgery, University of Chicago, Chicago, IL, USA. ²LVAD Technologies, Detroit, MI, USA.

T7. Heparin Reduces Residual Clot Within the Lumen of Endoscopically Harvested Saphenous Veins
Emile N. Brown¹, Nicholas S. Burris¹, Zachary N. Kon¹, Patrick Laird¹, Robert S. Poston¹
¹Surgery, University of Maryland, Baltimore, MD, USA

T8. Accuracy of the new Dual-Source CT Coronary Angiography: Evaluation in a standardized protocol for cardiac surgeons
André Plass¹, Jurg Gruenenfelder¹, Hans Scheffel¹, Robert Vachenauer¹, Hatem Alkadhi¹, Philipp Kaufmann¹, Gregor Zund¹, Michele Genoni²
¹University Hospital Zurich, Clinic for Cardio-Vascular Surgery, Zurich, Switzerland. ²University Hospital Zurich, Department of Radiology, Zurich, Switzerland. ³University Hospital Zurich, Cardiovascular Center, Zurich, Switzerland. ⁴University Hospital Zurich, Division for Experimental Surgery, Zurich, Switzerland.

Patrick M. McCarthy¹, Edwin C. McGee⁴, Vera H. Rigolin¹, Qiong Zhao¹, Anna L. Huskin¹, Haris Subacius¹, Stacie Landron¹, Susan Underwood¹, Robert O. Bonow⁴
¹Division of Cardiothoracic Surgery, Northwestern University/Northwestern Memorial Hospital, Chicago, IL, USA. ²Northwestern University, Chicago, IL, USA.

T10. Endograft Repair of Blunt Traumatic Thoracic Aortic Tears-First Line Therapy?
WEDNESDAY MORNING, MAY 9, 2007

TBA  GLOBAL THORACIC SURGERY SESSION
Room 147, Washington Convention Center
Co-Chairmen: Bruce W. Lytle
Walter Klepetko

Program TBA

9:30  CONTROVERSIES IN CARDIOTHORACIC SURGERY
a.m.  PLENARY SESSION
Room 146, Washington Convention Center

Topic: General Surgical Training is a Waste of Time for The Cardi thoracic Surgeon
Moderator: Bruce W. Lytle
Pro: Robert C. Robbins
Con: Irving L. Kron

CONTROVERSIES IN CARDIOTHORACIC SURGERY
ACQUIRED CARDIAC CONTROVERSIES
Room 146, Washington Convention Center

10:30  Topic: Aprotinin Should Be Taken Off the Market
a.m.  Moderator: D. Craig Miller
Pro: Dennis Mangano
Con: Craig R. Smith

11:15  Topic: Stentless Heart Valves Increase Risk Without Benefit
a.m.  Moderator: Lawrence H. Cohn
Pro: George T. Christakis
Con: Neil D. Kon

12:00  ADJOURN
noon

WEDNESDAY MORNING, MAY 9, 2007

CONTROVERSIES IN CARDIOTHORACIC SURGERY
GENERAL THORACIC CONTROVERSIES
Room 147, Washington Convention Center

10:30  Topic: Interventional Procedures by Thoracic Surgeons: The Time Has Come
a.m.  Moderator: Joel D. Cooper
Pro: Rodney J. Landreneau
Con: Mark J. Krasna

11:15  Topic: Optimal Management of Malignant Pleural Effusions
a.m.  Moderator: Larry R. Kaiser
Pleuryx Catheters: Joe B. Putnam
VATS Talc Pleurodesis: Scott J. Swanson

12:00  ADJOURN
noon
CONTROVERSIES IN CARDIOTHORACIC SURGERY
CONGENITAL HEART CONTROVERSIES
Room 145, Washington Convention Center

10:30 a.m.  Topic: International Databases are Valuable for Benchmarking, Quality Assurance and Pay-for-Performance in Congenital Heart Surgery
Moderator: William G. Williams
Pro: Constantine Mavroudis
Con: J. William Gaynor

11:15 a.m.  Topic: The Asymptomatic Child with a Coronary Artery from the Wrong Sinus Should have Surgery
Moderator: Charles D. Fraser
Pro: James S. Tweddell
Con: Emile A. Bacha

12:00 noon  ADJOURN

GRAHAM EDUCATION AND RESEARCH FOUNDATION
900 Cummings Center, Suite 221-U, Beverly, Massachusetts, 01915, (978) 927-8330

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The Graham Education and Research Foundation supports the Evarts A. Graham Memorial Traveling Fellowship program. Since the inception of the program in 1951, fifty-one young surgeons from twenty-eight countries have completed their training at thoracic surgical centers throughout North America. The Foundation also supports the Research Scholarship program, which was established in 1985. Annual and planned gifts to the Foundation help support these fellowship and scholarship programs and provide an opportunity for donors to leave their legacy in cardiothoracic surgery. Planned gifts can include a bequest in one’s will, through a life insurance policy or retirement plan or through a charitable lead or remainder trust.

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Dr. and Mrs. Roger R. Ecker, Alameda, CA
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EVARTS A. GRAHAM MEMORIAL TRAVELING FELLOWSHIPS
The Evarts A. Graham Memorial Traveling Fellowship was established in 1951 by The American Association for Thoracic Surgery. Administered through the Graham Education and Research Foundation, it provides grants to young surgeons from abroad who have completed their formal training in general, thoracic, and cardiovascular surgery. The award allows the recipient to study a year to intensify his training in a program of special interest and to travel to several sites to broaden his overall training and increase his contacts with thoracic surgeons internationally. Awards are made to surgeons of unique promise who have been regarded as having potential for later international thoracic surgical leadership. Since the inception of the Graham Fellowship, 53 young surgeons from 27 countries have completed their training at thoracic surgical centers.

1. 1951-52 L.L. Whytehead, M.D., F.R.C.S., Canada
2. 1953-54 W.B. Ferguson, M.B., F.R.C.S., England
5. 1956-57 Mathias Paneth, F.R.C.S., England
6. 1957-58 Peter L. Brunnen, F.R.C.S., Scotland
7. 1958-59 N.G. Meyne, M.D., Holland
8. 1960-61 Godrej S. Karai, M.D., India
9. 1961-62 Fritz Helmer, M.D., Austria
10. 1962-63 Theodor M. Scheinin, M.D., Finland
11. 1963-64 Masahiro Saigusa, M.D., Japan
12. 1963-64 Adar J. Hallen, M.D., Sweden
13. 1964-65 Stuart C. Lennox, M.D., England
14. 1964-65 Elias Carapistolis, M.D., F.A.C.S., Greece
15. 1965-66 Gerhard Friehs, M.D., Austria
17. 1966-67 C. Peter Clarke, F.R.A.C.S., Australia
18. 1966-67 G.B. Parulkar, M.D., India
19. 1967-68 Claus Jessen, M.D., Denmark
20. 1969-70 Peter Bruecke, M.D., Austria
21. 1970-71 Michel S. Slim, M.D., Lebanon
22. 1971-72 Severi Pellervo Mattila, M.D., Finland
23. 1972-73 Yasuyuki Fujiwara, M.D., Japan
24. 1973-74 Marc Roger deLeval, M.D., England
25. 1974-75 J.J. DeWet Lubbe, M.D., South Africa
26. 1975-76 Mieczyslaw Trenkner, M.D., Poland
27. 1976-77 Bum Koo Cho, M.D., Korea
29. 1978-79 Eduardo Otero Coto, M.D., Spain
31. 1981-82 Claudio A. Salles, M.D., Brazil
32. 1982-83 Yasuhisa Shimazaki, M.D., Japan
33. 1983-84 Georg S. Kobinia, M.D., Austria
34. 1984-85 Aram Smolinsky, M.D., Israel
35. 1985-86 Florentino J. Vargas, M.D., Argentina
36. 1986-87 Ari L.J. Harjula, M.D., Finland
37. 1987-88 Byung-Chul Chang, M.D., Korea
38. 1988-89 Wang Cheng, M.D., P.R China
39. 1989-90 Christopher Knott-Craig, M.D., South Africa
40. 1991-92 Ko Bando, M.D., Ph.D., Japan
41. 1992-93 Timothy E. Oaks, M.D., United States
42. 1993-94 Alain Serraf, M.D., Morocco
43. 1995-96 Cornelius McKown Dyke, M.D., United States
44. 1996-97 Monica Robotin-Johnson, M.D., France
45. 1997-98 Jun Wan, M.D., P. R. of China
46. 1998-99 Christian Kreutzer, M.D., Argentina
47. 1999-00 Anders Franco-Cereceda, M.D., Sweden
48. 2000-01 Albertus M. Scheule, M.D., Tuebingen, Germany
49. 2001-02 Anna Maria Ciccone, M.D., Rome, Italy
50. 2002-03 Cliff K.C. Choong, M.D., Auckland, New Zealand
51. 2003-04 Edvin Prifti, M.D., Tirana, Albania
52. 2004-05 Smruti Ranjan Mohanty, M.D., Bangalore, Karnataka, India
53. 2005-06 Zsolt TÁ‘th, M.D., PÁ©cs, Hungary
RESEARCH SCHOLARSHIP RECIPIENTS

The American Association for Thoracic Surgery Research Scholarship was established by the Association in 1985. Funded by the Association and individual contributions, the Research Scholarship provides opportunity for research, training and experience for North American surgeons committed to pursuing an academic career in cardiothoracic surgery. Administered by the Graham Education and Research Foundation, the program is undertaken within the first three years after completion of an approved cardiothoracic residency and is about two years in duration.

EDWARD D. CHURCHILL RESEARCH SCHOLARSHIP
1986-1988 Mark K. Ferguson, M.D.
University of Chicago, Department of Surgery

ALFRED BLALOCK RESEARCH SCHOLARSHIP
1988-1990 Gus J. Vlahakes, M.D.
Massachusetts General Hospital and Harvard Med School

JOHN H. GIBBON, JR., RESEARCH SCHOLARSHIP
1990-1992 Donald D. Glover, M.D.
Duke University Medical Center

ALTON OCHSNER RESEARCH SCHOLARSHIP
Brigham and Women’s Hospital

ROBERT E. GROSS RESEARCH SCHOLARSHIP
1994-1996 Mehmet C. Oz, M.D.
Columbia Presbyterian Medical Center
Thoralf Mauritz Sundt, III, M.D.
Washington University School of Medicine

JOHN ALEXANDER RESEARCH SCHOLARSHIP
1996-1998 Richard Norris Pierson, III, M.D.
Vanderbilt University Medical Center

ANDREW G. MORROW RESEARCH SCHOLARSHIP
1997-1999 Stephen C. Yang, M.D.
Johns Hopkins University School of Medicine

DWIGHT HARKEN RESEARCH SCHOLARSHIP
1998-2000 Bruce Rosengard, M.D.
University of Pennsylvania

THE SECOND EDWARD D. CHURCHILL RESEARCH SCHOLARSHIP
1999-2001 Joseph B. Shragler, M.D.
University of Pennsylvania

SECOND ALFRED BLALOCK RESEARCH SCHOLARSHIP
2000-2002 Abbas Ardohali, M.D.
UCLA School of Medicine
Thomas K. Waddell, M.D, MSc, Ph.D.
University of Toronto and Toronto General Hospital

SECOND JOHN H. GIBBON, JR. RESEARCH SCHOLARSHIP
2001-2003 Richard J. Battafarano, M.D., Ph.D.
Washington University School of Medicine
Carmelo A. Milano, M.D.
Duke University Medical Center
SECOND ALTON OCHSNER RESEARCH SCHOLARSHIP
2002-2004 Yolonda Lorig Colson, M.D.
Brigham & Women’s Hospital
Michael S. Mulligan, M.D.
Seattle, Washington

SECOND ROBERT E. GROSS RESEARCH SCHOLARSHIP
2003-2005 Ross M. Bremner, M.D., Ph.D.
University of Southern California
Vivek Rao, M.D., Ph.D.
Toronto General Hospital

SECOND JOHN ALEXANDER RESEARCH SCHOLARSHIP
2004-2006 King F. Kwong, M.D.
University of Maryland

SECOND ANDREW G. MORROW RESEARCH SCHOLARSHIP
2005-2007 Marc de Perrot, M.D.
University of Toronto/Toronto General Hospital
Frederick Y. Chen, M.D.
Brigham & Women’s Hospital

JOHN W. KIRKLIN RESEARCH SCHOLARSHIP
2006-2008 Daniel Kreisel, M.D.
Washington University
Christine Lau, M.D.
University of Michigan

SECOND DWIGHT HARKEN RESEARCH SCHOLARSHIP
2007-2009 Shu S. Lin, M.D., Duke University Medical Center

C. WALTON LILLEHEI RESIDENT FORUM
Through a generous unrestricted educational grant from St. Jude Medical, Inc., this Forum recognizes
the extraordinary contributions to our specialty by a great innovator in congenital and vascular disease.
Selected by the Cardiothoracic Residents Committee, the recipient receives a $5,000 award.

Winners:
2006 Jae Y. Kim, San Francisco, CA
WNT Inhibitory Factor Inhibits Lung Cancer Cell Growth
Amir M. Sheikh, Durham, NC
Proteomics of Brain Injury in a Neonatal Model of Deep Hypothermic Circulatory Arrest

2005 Paul W. Fedak, Toronto, ON Canada
Cell Transplantation Preserves Matrix Homeostasis: A Novel Paracrine Mechanism

2004 Filiberto Rodriguez, Palo Alto, CA
Alterations of Transmural Strains In the Ischemic Border Zone During Acute Mid-Circumflex Occlusion
Mark F. Berry, Philadelphia, PA
Targeted Overexpression of Leukemia Inhibitory Factor Preserves Myocardium In Postinfarction Heart Failure

2003 Sunil Singhal, Philadelphia, PA
Preoperative Viral Gene Transfer of Interferon-Beta Prevents Recurrence and Improves Survival In Advanced Thoracic Malignancies

2002 Subhasis Chatterjee, Philadelphia, PA
Viral Gene Transfer of the Anti-Apoptotic Factor ARC Protects Against Post Ischemic Heart Failure

2001 Tomasz A. Timek, Palo Alto, CA

Septal-Lateral Annular Cinching Abolishes Acute Ischemic Mitral Regurgitation In Sheep

2000 Allan S. Stewart, Philadelphia, PA

Gene Transfer of Bcl-2 Does Not Affect Myocardial Stunning But Ameliorates the Deleterious Effects of Chronic Remodeling

1999 Andrew I. Campbell, Toronto, ON, Canada

Angiogenic Therapy with Vascular Endothelial Growth Factor Reverses Pulmonary Hypertension

1998 Stephen D. Cassivi, Toronto, ON, Canada

Transgene Expression Following Adenoviral-Mediated Retransfection of Rat Lungs Is Increased and Prolonged by

**SCIENTIFIC ACHIEVEMENT AWARD**

The American Association for Thoracic Surgery Scientific Achievement Award was established by the Association in 1994. The award serves to honor individuals who have achieved scientific contributions in the field of thoracic surgery worthy of the highest recognition the Association can bestow. Honorees receive a Medallion for Scientific Achievement from the Association presented by the president at the Annual Meeting and the honoree’s name and biography is printed in the Journal of Thoracic and Cardiovascular Surgery.

**RECIPIENTS**

1995 John W. Kirklin, Birmingham, Alabama
1998 Norman E. Shumway, Stanford, California
1999 Michael E. DeBakey, Houston, Texas
2000 Denton A. Cooley, Houston, Texas
2005 Alain F. Carpentier, Paris, France
2007 Gerald D. Buckberg, Los Angeles, CA

**LIFETIME ACHIEVEMENT AWARD**

The American Association for Thoracic Surgery established the Lifetime Achievement Award in 2003. The Award serves to recognize individuals for their significant contributions to cardiothoracic surgery in the areas of patient care, teaching, research, or community service. Honorees receive a plaque for Lifetime Achievement from the Association presented by the president at the Annual Meeting.

**RECIPIENT**

2004 F. Griffith Pearson, Toronto, ON, Canada
2007 Frank C. Spencer, New York, NY

**INTERNATIONAL TRAVELING FELLOWSHIP**

The AATS Traveling Fellowship was established in 1997 by the American Association for Thoracic Surgery. Administered through the Graham Education and Research Foundation, it provides grants to young North American Cardiothoracic Surgeons who are within two years of the completion of their formal cardiothoracic surgery training. The award allows the recipient to study abroad for one year to intensify training in different disciplines and to travel to several sites to broaden the overall training and increase contacts with thoracic surgeons internationally. Awards are made to surgeons of unique promise who have been regarded as having potential for later international thoracic surgical leadership.

1998-99 Lishan Aklog, West Roxbury, MA
THE THORACIC SURGERY FOUNDATION FOR RESEARCH AND EDUCATION

YOUR FOUNDATION FOR RESEARCH AND EDUCATION
Unlikely other organizations to which you make philanthropic contributions, the Thoracic Surgery Foundation for Research and Education works directly for your specialty. TSFRE supports research and education initiatives to increase knowledge and enhance treatment of patients with cardiothoracic diseases; develops the skills of cardiothoracic surgeons as surgeon-scientists and health policy leaders; and, strengthens society’s understanding and trust in the profession. TSFRE is making a difference in cardiothoracic surgery. This is possible only because of your support. TSFRE is entirely supported through private donations. If you have not yet made your annual gift to TSFRE, now is the time! If you make an annual gift of appreciated stocks, bonds or mutual funds, you avoid capital gains tax and earn an income tax deduction by donating rather than selling these assets. This may be better for you than a gift of cash. If you have been thinking of making a charitable contribution to TSFRE, this may be the time to consider a planned gift. Often, this type of giving enables an individual to give a larger gift at a cost that is actually lower than if the gift were to be made outright. You may also find that planned giving enables you to meet other personal financial goals while making significant charitable gifts. You may give to TSFRE through a revocable instrument, such as a bequest in your will, or through an irrevocable instrument like a charitable lead trust or a charitable remainder trust. You may also give through a life insurance policy or your retirement plan. For more information about your annual gift or a deferred gift, contact the Thoracic Surgery Foundation for Research and Education at 900 Cummings Center, Suite 221-U, Beverly, Massachusetts, 01915.

THE THORACIC SURGERY FOUNDATION FOR RESEARCH AND EDUCATION

2007 BOARD OF DIRECTORS
Donna S. Kohli
Executive Director
900 Cummings Center, Suite 221-U
Beverly, MA 01915
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2007 TSFRE RESEARCH AWARD RECIPIENTS

TSFRE RESEARCH FELLOWSHIPS provide support of up to $35,000 a year for up to 2 years for surgical residents who have not yet completed cardiothoracic surgical training.

Denise M. Torres, M.D., Temple University
"Surgical Intra-Coronary Stem Cell Therapy in Hypertrophic Cardiomyopathy"
**TSFRE CAREER DEVELOPMENT AWARDS** provide salary support of up to $50,000 a year for up to 2 years for applicants who have completed their residency training and who wish to pursue investigative careers in cardiothoracic surgery.

**Mark S. Bleiweis, M.D.**, University of Florida
*Cell Therapy for RV Failure in Tetralogy of Fallot*

**Michael Argenziano, M.D.**, Columbia-Presbyterian
*Remodeling of the TASK-1 Potassium Current in Atrial Fibrillation: A Novel Therapeutic Target*

**TSFRE RESEARCH GRANTS** provide operational support of original research efforts by cardiothoracic surgeons who have completed their formal training, and who are seeking initial support and recognition for their research program. Awards of up to $30,000 a year for up to 2 years are made each year to support the work of an early-career cardiothoracic surgeon (within 5 years of first faculty appointment).

**Lorenzo E. Ferri, M.D.**, McGill University
*Mechanisms of Esophageal Cancer Metastasis: The Role of Cell Adhesion Molecules on the Migratory Ability of Esophageal Cancer Cells*

**NINA STARR BRAUNWALD AWARD** provides a biennial award of $100,000 for two years to support the research career development of a woman cardiac surgeon who holds a full-time faculty appointment and who is within 10 years of completion of thoracic surgery residency.

**Jennifer S. Lawton, M.D.**, Washington University
*The Role of the Mitochondrial KATP Channel in Myocyte Volume Response to Stress*

**Rosemary F. Kelly, M.D.**, University of Minnesota
*Revascularization of Chronic Hibernating Myocardium Reverses Reduction in Regional Function and Normalized Bioenergetic Adaptations of the Mitochondria*

**PREVIOUS RESEARCH AWARD RECIPIENTS**
Your contributions to THE THORACIC SURGERY FOUNDATION FOR RESEARCH AND EDUCATION have supported the following awards:

**THE TSFRE RESEARCH FELLOWSHIP** provides support to surgeons and surgical trainees who wish to acquire investigational skills.

**Edward M. Boyle, Jr., M.D.**, The University of Washington
**Allen Cheng, M.D.**, Stanford University
**Madison C. Cuffy, M.D.**, Yale University School of Medicine
**Seth Force, M.D.**, The University of Pennsylvania
**Julie R. Glasson, M.D.**, Stanford University School of Medicine
**Joseph H. Gorman, III, M.D.**, Hospital of the University of Pennsylvania
**Andrew J. Kaufman, M.D.**, Memorial Sloan-Kettering Cancer Center
**Richard W. Kim, M.D.**, Yale University School of Medicine
**Samuel S. Kim, M.D.**, University of Pennsylvania Hospital
**Daniel Kreisel, M.D.**, University of Pennsylvania
**Baiya Krishnadasan, M.D.**, University of Washington
**John Langenfeld, M.D.**, Robert Wood Johnson
**Paul C. Lee, M.D.**, University of Pittsburgh
**Sang H. Lee, M.D.**, University of California, San Diego Medical Center
**Raja S. Mahidhara, M.D.**, University of Pittsburgh
**Tom C. Nguyen, M.D., Ph.D.**, Stanford University
**Mark D. Peterson, M.D.**, Toronto General Hospital
**Steffen Pfeiffer, M.D.**, Vanderbilt University Medical Center
**Robert S. Poston, Jr., M.D.**, Stanford University Medical Center
**Danny Ramzy, M.D.**, University of Toronto
**Nathalie Roy, M.D.**, Children’s Hospital, Boston
**Hisasha Sahara, M.D.**, Massachusetts General Hospital, Harvard Medical School
Andrew J. Sherman, M.D., Northwestern University Medical School
Christopher L. Skelly, M.D., The University of Chicago
Michael A. Smith, M.D., Washington University
William E. Stansfield, M.D., University of North Carolina at Chapel Hill
Wilson Y. Szeto, M.D., Hospital of the University of Pennsylvania
Mohan Thanikachalam, M.D., University of Miami
Vinod H. Thourani, M.D., Emory University School of Medicine
Tomasz A. Timek, M.D., Stanford University
Edward Yiming Woo, M.D., University of Pennsylvania

**TSFRE RESEARCH GRANT** provides operational support of original research projects by cardiothoracic surgeons who have completed their formal training and who are certified or eligible by the American Board of Thoracic Surgery or its equivalent.

James S. Allan, M.D., Massachusetts General Hospital
Richard J. Battafarano, M.D., Ph.D., Washington University
Anthony Caffarelli, M.D., Stanford University
Yolanda Lorig Colson, M.D., Ph.D., Brigham and Women’s Hospital
Peter S. Dahlgren, M.D., Ph.D., University of Minnesota
Richard P. Embrey, M.D., The Medical College of Virginia
Paul M. Kirshbom, M.D., Children’s Hospital of Pittsburgh
Robert J. Korst, M.D., Memorial Sloan-Kettering Cancer Center
Joren C. Madsen, M.D., Massachusetts General Hospital
John D. Mannion, M.D., Thomas Jefferson University
Marc R. Moon, M.D., Washington University School of Medicine
Alfred C. Nicolisi, M.D., Medical College of Wisconsin
Si M. Pham, M.D., University of Pittsburgh
Robert S. Poston, M.D., University of Maryland
Todd K. Rosengart, M.D., The New York Hospital, Cornell Medical Center
David S. Schrump, M.D., National Cancer Institute
Ara A. Vaporciyan, M.D., University of Texas, M.D. Anderson Cancer Center
Thomas K. Waddell, M.D., Ph.D., Toronto General Hospital and The University of Toronto

**TSFRE CAREER DEVELOPMENT AWARD** provides support for applicants who have completed their residency training and who wish to pursue investigative careers in thoracic surgery.

Paul Kirshbom, M.D., Emory University
Kenneth McCurry, M.D., University of Pittsburgh
Amit N. Patel, M.D., University of Pittsburgh
NINA S. BRAUNWALD CAREER DEVELOPMENT AWARD provides salary support to women in academic cardiothoracic surgery at early stages of their faculty careers.

Margaret D. Allen, M.D., University of Washington School of Medicine
Mary C. Mancini, M.D., Louisiana State University Medical Center
Lynne A. Skaryak, M.D., University of Massachusetts Medical Center
Patricia A. Thistlethwaite, M.D., University of California, San Diego

**NINA S. BRAUNWALD RESEARCH FELLOWSHIP** provides salary support to women in academic cardiothoracic surgery who wish to acquire investigational skills.

Leora Balsam, M.D., Stanford University
Kathryn Quadracci Flores, M.D., Brigham and Women’s Hospital
Tara Karamlou, M.D., Oregon Health Sciences University
Melina R. Kibbe, M.D., University of Pittsburgh
Elizabeth N. Morgan, M.D., University of Washington
Meena Nathan, M.B.B.S., Brigham and Women’s Hospital
Bao-Ngoc Nguyen, M.D., University of Maryland
DuyKhanh Pham, M.D., Duke University Medical Center
Barbara L. Robinson, M.D., M.S., Boston Children’s Hospital
Elaine E. Tseng, M.D., Johns Hopkins Hospital
Jennifer Dale Walker, M.D., Medical University of South Carolina
THE THORACIC SURGERY FOUNDATION FOR RESEARCH AND EDUCATION and the NATIONAL HEART, LUNG, AND BLOOD INSTITUTE Jointly Sponsored MENTORED CLINICAL SCIENTIST DEVELOPMENT AWARD (K08 or K23) provides support for the development of outstanding clinician research scientists for a 5-year period in the early stages of their research careers.

Shahab A. Akhter, M.D., University of Cincinnati
Anthony Azakie, M.D., University of California
Daniel Kreisel, M.D., Washington University
Scott A. LeMaire, M.D., Baylor College of Medicine
Michael J. Mann, M.D., University of California, San Francisco
Kenneth R. McCurry, M.D., University of Pittsburgh
Michael S. Mulligan, M.D., University of Washington
Y. Joseph Woo, M.D., University of Pennsylvania

THE THORACIC SURGERY FOUNDATION FOR RESEARCH AND EDUCATION and the NATIONAL CANCER INSTITUTE Jointly Sponsored MENTORED CLINICAL SCIENTIST DEVELOPMENT AWARD (K08 or K23) provides support for the development of outstanding research scientists. This mechanism provides support for clinically trained professionals who are committed to a career in laboratory or field-based research and have the potential to develop into independent investigators.

Malcolm V. Brock, M.D., Johns Hopkins University

EDUCATION AWARD RECIPIENTS
TSFRE offers Alley-Sheridan tuition scholarships for cardiothoracic surgeons to pursue a year of study in health care policy at Harvard University. The following individuals have received this award.

William Berry, M.D., Napa, CA
Vladimir Birjiniuk, M.D., West Roxbury, MA
David J. Cohen, M.D., Fort Sam Houston, TX
Edward J. Dunn, M.D., Milwaukee, WI
Edgar L. Feinberg, III, M.D., Lafayette, LA
Peter P. McKeown, M.D., Tampa, FL
Joseph J. McNamara, M.D., Honolulu, HI
Stancel M. Riley, Jr., M.D., Huntsville, AL
Juan A. Sanchez, M.D., Lexington, KY
Alan J. Spotnitz, M.D., New Brunswick, NJ
Paul N. Uhlig, M.D., Wichita, KS

ALLEY-SHERIDAN EXECUTIVE COURSE SCHOLARS. The Alley-Sheridan Fund was established within the Thoracic Surgery Foundation for Research and Education by Mr. David Sheridan on behalf of his lifelong friend and collaborator, Dr. Ralph Alley, to provide educational opportunities, especially in health care policy matters for cardiothoracic surgeons. This fund has been used to support the Health Policy Leadership Program offered in the past in partnership with Harvard University and more recently with Brandeis University. This initiative provides a comprehensive, weeklong program that focuses on the changing nature of the nation’s health care system, its management and how physicians can impact that system. To date, TSFRE has named 117 individuals to receive Alley-Sheridan Scholarships to attend this course.
AMERICAN ASSOCIATION FOR THORACIC SURGERY

2007 NECROLOGY

Arthur Adelman, M.D., Shawnee Mission, Kansas
Bechara F. Akl, M.D., Falls Church, Virginia
Brian G. Barratt-Boytes, Milford, New Zealand
Stanley K. Brockpraan, M.D., Philadelphia, Pennsylvania
Benjamin Burbank, M.D., Windham, New Hampshire
Walter J. Burdette, M.D., Houston, Texas
Sheldon E. Domn, M.D., Knoxville, Tennessee
W. Sterling Edwards, M.D., Albuquerque, New Mexico
James Finnerty, M.D., Bellport, New York
Josiah Fuller, M.D., Lady Lake, Florida
Hermes C. Grillo, M.D., Boston, Massachusetts
George J. Haupt, M.D., Bryn Mawr, Pennsylvania
Thomas W. Jones, M.D., Bellair, Washington

Robert B. Karp, M.D., Woody Creek, Colorado George G. 'Indesraith, M.D., Arcadia, California
Andrew Logan, M.D., Edinburgh, Scotland
David M. Long, Jr., M.D., Spring Valley, California
Emperor P. R. Maurer, M.D., Winter Haven, Florida
Walter 0. Mills, M.D., Redmond, Washington

Eldred D. Mundth, M.D., Naples, Florida Edward R. Munnell, M.D., Edmond, Oklahoma
Tsuguo Naruke, M.D., Tokyo, Japan Richard M. Peters, M.D., Palo Alto, California Lawrence A. Pratt, M.D., Santa Ana, California
Bernard J. Ryan, M.D., Bay Shore, New York

United States

NORTH AMERICA

NORTH AMERICA

UNITED STATES

ALABAMA

Birmingham

Athanasoules, Constantine I Cerfolio, Robert J
Holman, William I Kahn, Donald R Kirklin, James K
McGriffin, David C
Indian Springs
Pacifica, Albert D
Montgomery
Simmons, Earl M

ARIZONA

Carefree
Michaelis, Lawrence
Green Valley
McClennathan, James E
Phoenix
Pearl, Jeffrey M Vaughn, Cecil C

Cochise

Dakota
Fisk, R. Leighton Pluth, James R Shields,
Thomas W Trastek, Victor F

Tucson
CopelandJackG Sanderson, Richard G Sethi, Gulshan K

ARKANSAS

Loma Linda
Bailey, Leonard I Razzouk, Ano

LONG BEACH

Stemmer, Edward A

LOS ANGELES

Allen, Bradley S Ardehali, Abbas
DeMeeser, Tom R Fontana, Gery
Matolfoi JackMcFadden, P. Mic
Alfredo Wells, Winfield

LYNNWOOD

Lee, Myles E
Martinez
Guernsey, James M
Montebello
Lui, Alfred H F
Murrieta
Wakabayashi, Akio
Norden
Harley, Edward J
Oakland
Harken, Alden II

Greenwood Village
Pappas, George
Parker
Olinger, Gordon N
Pennsylvania

Columbia Falls, Myerowitz, P. David
Missoula

Duran, Carlos Gomez
tevensville, Oury, James H

Northrup, William F, Jr

Chapel Hill

New Brunswick

Mackenzie, James W Scholz, Peter M

Newark

Donahoo, James Parsonnet, Victor

Paramus

Dorst, Robert J

Pittstown

Garzon, Antonio A

South Orange

Gielchinsky, Isaac Swan, Kenneth G

Tenafly

Giers, Paul H Wallsh, Eugene

Wyckoff

Adler, Richard H

Moorstown

Fernandez, Javier

Morristown

Parr, Grant VS.

Neptune

Roberts, Arthur J

New Brunswick

Mackenzie, James W Scholz, Peter M

Newark

Donahoo, James Parsonnet, Victor

Paramus

Korst, Robert J

Pittstown

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Donahoo, James Parsonnet, Victor

Paramus

Korst, Robert J

Pittstown

Garzon, Antonio A

South Orange

Gielchinsky, Isaac Swan, Kenneth G

Tenafly

Giers, Paul H Wallsh, Eugene

Wyckoff

Adler, Richard H

Cleveland

Blaik, Eugene H Cobanoglu, Adnan Cosgrove, Deeks M Duncan, B

Bruce W Murthy, Sudish C Pettersson, Gosta B Rice, Thomas W Sabik,

Svensson, Lars G Van Heeckeren, Daniel W

Columbus

Davis, J, Terrance Kakos, Gerard S Meckstroth, Charles Williams, Thomas

Dayton

DeWall, Richard J, Little, Alex G

Grove City

Kolman, James W

Hudson

Cross, Fredericks

ynhurst, Floyd D

Toledo

Gold, Jeffrey P

Loop, Floyd Groves, Laurence K

OKLAHOMA

Oklahoma City


Tulsa

LeBeck, Martin B

OREGON

Ashland

Campbell, Daniel C, Jr

Days Creek

Miller, Arthur C

Florence

L'Urley, Kevin

Medford

Lupinacci, F. Mark

Portland

Furnary, Anthony P Handy, John R, Jr Krause, Albert H Lemmer, John H

Nashville

Alford, William, Jr Byrne, John G Drinkwater, Davis C, Jr Gobbel, Walter

Joe B, J, Randolph, Judson G Rankin, J, Scott Sawyer, John L. Stoney, W

TEXAS

Austin

Tyson, Kenneth H T

Dallas

Adams, Maurice Estrella, Aaron S Holland, Robert H Jessen, Michael E.

Meyer, Dan P Wachtel, Randall B Gross, Eugene A Hochberg, Marks Isorn, C

Paul A

Hood, Richard H, Jr
THE BY-LAWS

ARTICLE 1. NAME
The name of this Corporation is The American Association for Thoracic Surgery (hereinafter the Association).

ARTICLE II. PURPOSE
The purposes of the Association shall be:
To associate persons interested in, and carry on activities related to, the science and practice of thoracic surgery, the cure of thoracic disease and the related sciences.
To encourage and stimulate investigation and study that will increase the knowledge of intrathoracic physiology, pathology and therapy, and to correlate and disseminate such knowledge.
To hold scientific meetings featuring free discussion of problems and developments relating to thoracic surgery, and to sponsor a journal for the publication of scientific papers presented at such meetings and other suitable articles.
To succeed to, and continue to carry on the activities formerly conducted by The American Association for Thoracic Surgery, an unincorporated association.

ARTICLE III. MEMBERSHIP
Section 1. There shall be three classes of members: Honorary, Senior, and Active. Admission to membership in the Association shall be by election. Membership shall be limited, the limits on the respective classes to be determined by these By-Laws. Only Active and Senior Members shall have the privilege of voting or holding office, except as provided by these By-Laws. Honorary members shall have the privilege of voting but shall not be eligible to hold office.
Section 2. Honorary Membership shall be reserved for such distinguished persons as may be deemed worthy of this honor by the Council with concurrence of the Association.
Section 3. The number of Senior Members shall be unlimited. Active Members automatically advance to Senior Membership at the age of seventy years or upon request after the age of sixty-five. In addition, a younger Active Member may be eligible for Senior Membership by petition to and approval by the Council.
Section 4. Active Membership shall be limited to seven hundred. A candidate to be eligible must be a physician and shall have achieved distinction in the thoracic field or shall have made a meritorious contribution to knowledge pertaining to thoracic disease or its surgical treatment.
Section 5. Election to Honorary, Senior or Active Membership shall be for life, subject to the provisions of Section 8 following. All new members shall be elected directly to Honorary or Active status.
Section 6. Candidates for membership in this Association must be formally nominated and seconded, in an approved manner, by not less than three Active, Senior or Honorary Members. Such nomination must have been in the hands of the Membership Committee for not less than four months, and the name of the candidate must have been distributed to all members of the Association before final action may be taken on any new candidate for election to Active Membership. Provided the foregoing requirements have been met and the candidates have been approved by the Membership Committee and by the Council, their names shall be presented to the Association at a future regularly convened annual
meeting for final action. A three-fourths vote of those present and voting shall be required to elect. Any candidate for membership in the Association who has failed of election three times shall automatically cease to be a candidate and may not be renominated until after a lapse of three years.

Section 7. The report of the Membership Committee shall be rendered at the second executive session of each annual meeting of the Association. Candidates shall be presented in groups in the following order: Candidates for Honorary Membership; retirement of Active Members to Senior Membership; Candidates for Active Membership; members dropped from the rolls of the Association.

Section 8. Membership may be voluntarily terminated at any time by members in good standing. The Council, acting as Board of Censors, may recommend the expulsion of any member on the grounds of moral or professional delinquency, and submit his/her name, together with the grounds of complaint, to the Association as a whole at any of the regularly convened meetings, after giving such member ample opportunity to appear in his/her own behalf.

Section 9. The Council shall recommend that any Active Member whose dues are in arrears for two years shall have his/her membership terminated.

ARTICLE IV. Board of Directors (CœCouncilÈ)

Section 1. The Board of Directors of the Association shall be called the Council and shall be composed of the President, President-Elect, Vice-President, Secretary, Treasurer, six Councilors and the Editor of the Association who shall be a member ex-officio without vote. All members of the Council must be Active or Senior Members of the Association, except that the Editor may be an Honorary Member.

Section 2. The Council shall be the governing body of the Association, and shall have full power to manage and act on all affairs of the Association, except as follows:

a. It may not levy any general assessments against the membership but it may, in individual cases, waive annual dues or assessments.

b. It may not change the Articles of Incorporation or By-Laws.

c. It may neither elect new members nor alter the status of existing members, other than to apply the provisions of Article III, Section 8.

Section 3. At the conclusion of the annual meeting, the retiring President shall automatically become a Councilor for a one-year term office. One of the other five Councilors shall be elected at each annual meeting of the Association to serve for a four-year term of office in the place of the elected Councilor whose term expires at such meeting. When appropriate, one of the Councilors shall be elected from among the non-North American members of the Association to serve for a three-year term of office. No Councilor may be reelected to succeed himself/herself. Any Councilor so elected shall take office upon the conclusion of the annual meeting at which he/she is elected.

Section 4. Vacancies in the office of Councilor shall be temporarily filled by the Council subject to approval of the Association at the next annual meeting of the Association.

ARTICLE V. Officers

Section 1. The officers of the Association shall be President, a President-Elect, a Vice-President, a Secretary, and a Treasurer. All officers must be Active or Senior Members of the Association. Said officers shall be ex-officio members of the Council of the Association.

Section 2. The Council may, for the purposes of Article IV, give status as officers of the Association to the individual members of an ad hoc Committee appointed by the Council.

Section 3. The President, President-Elect, Vice-President, Secretary and Treasurer shall be elected at the annual meeting of the Association and shall take office upon conclusion of the meeting. The President, President-Elect, and the Vice-President shall be elected for a one-year term of office. The Secretary and the Treasurer shall be elected for a one-year term of office and may be reelected for not more than four additional terms.

Section 4. The President of the Association shall perform all duties customarily pertaining to the office of President. He/she shall preside at all meeting of the Association and at all meetings of the Council.

Section 5. The President-Elect of the Association shall, in the absence or inability of the President to serve, perform all duties customarily pertaining to the office of President. In this instance the Council shall advance the Vice-President to the office of the President-Elect and appoint an interim Vice-President as necessary.

Section 6. The Secretary of the Association shall perform all duties customarily pertaining to the office of Secretary. He/she shall serve as Secretary of the Association and as Secretary of the Council. When deemed appropriate an Active or Senior Member may be elected to serve as an understudy to the Secretary in anticipation of the latter€™s retirement from office.

Section 7. The Treasurer of the Association shall perform all duties customarily pertaining to the office of Treasurer. He/she shall serve as Treasurer of the Association. When deemed appropriate an Active or Senior Member may be elected to serve as an understudy to the Treasurer in anticipation of the
ARTICLE VI. Committees

Section 1. The Council is empowered to appoint a Membership Committee, a Program Committee, a Necrology Committee and such other committees as may in its opinion be necessary or desirable. All such committees shall render their reports at an executive session of the Association, except that no ad hoc committee need report unless so directed by the Council.

Section 2. The Membership Committee shall consist of seven Active or Senior Members. The Council may appoint not more than one of its own members to serve on this Committee. The duties of the Membership Committee are to investigate all candidates for membership in the Association and to report its findings as expeditiously as possible to the Council through the Secretary of the Association. This Committee is also charged with searching the literature of this and other countries to the end that proper candidates may be presented to the Association for consideration. Appointment to this Committee shall be for a period of one year, and not more than five of the members may be reappointed to succeed themselves.

Section 3. The Program Committee shall consist of at least 14 members: the President, the President-Elect, the Vice President, the Secretary and the Editor and at least 9 members-at-large, three each representing the areas of adult cardiac, pediatric cardiac and general thoracic surgery. The President or his/her designee shall serve as the Chair of this Committee. Three of these members-at-large shall be appointed each year by the President for a three-year term. Additional Committee members shall be appointed for one or two-year terms. The duties of this Committee shall be to arrange, in conformity with instructions from the Council, the scientific program for the annual meeting.

Section 4. The Necrology Committee shall consist of one or more Active or Senior Members. Appointments to this Committee shall be for a one-year term of office. Any or all members of this committee may be reappointed to succeed themselves. The Chair shall serve as Historian and the Council may, if it so desires, appoint one of its own members to serve as Chair of this Committee. The duties of the Necrology Committee shall be to prepare suitable resolutions and memorials upon all deaths of members of the Association and to report such deaths at every annual meeting.

Section 5. The Nomination Committee shall consist of the five (5) immediate Past Presidents of the Association. The most senior Past President shall serve as Chair. This Committee shall prepare a slate of nominees for Officers and Councilors upon instruction from the Council as to the vacancies which are to be filled by election and shall present its report at the second Executive Session of the Annual Meeting.

Section 6. The Association as a whole may authorize the Council to appoint Scientific or Research Committees for the purpose of investigating thoracic problems and may further authorize the Council to support financially such committees to a limited degree. When Scientific or Research Committees are authorized by the Association, the Council shall appoint the Chairs of these Committees, with power to organize their committees in any way best calculated to accomplish the desired object, subject only to the approval of the Council. Financial aid rendered to such Committees shall not exceed such annual or special appropriations as may be specifically voted for such purposes by the Council. Members are urged to cooperate with all Scientific or Research Committees of the Association.

Section 7. The Ewarts A Graham Memorial Traveling Fellowship Committee shall consist of eight members: two cardiac surgeons, two general thoracic surgeons, two transplant surgeons, and two pediatric heart surgeons, two to be appointed each year for four year terms with the senior two members of the Committee serving as Co-Chairs. The duties of the Committee shall be to recommend Fellowship candidates to the Graham Education and Research Foundation, and to carry out other business pertaining to the Fellowship and Fellows, past, present and future. Additionally, the Committee shall recommend Research Scholar candidates to the association, and carry out other business pertaining to the Research Scholarship and Research Scholars, past, present, and future.

Section 8. The Editorial Board shall be appointed by the Editor, subject only to the approval of the Council. The Editor shall be, ex officio, the chairman of this board and shall be privileged to appoint and indefinitely reappoint such members of the Association, regardless of class of membership, and such non-members of the Association as in his/her opinion may be best calculated to meet the editorial
requirements of the Association.

Section 9. The Ethics Committee shall consist of five members appointed by the Council. The Ethics Committee shall advise the Council concerning alleged breaches of ethics. Complaints regarding alleged breaches of ethics shall be received in writing by the Ethics Committee and shall be investigated by it. In addition, the Ethics Committee may investigate on its own initiative.

Section 10. The Thoracic Surgical Workforce Committee shall be a Joint Committee of this Association and The Society of Thoracic Surgeons. The Committee shall consist of two members of this Association, two members of The Society of Thoracic Surgeons, and a Chair who shall be a member of this Association and The Society of Thoracic Surgeons. The duties of this Committee, and the manner of appointment and term of its members and chairman, shall be determined jointly by the Council of this Association and the Board of Directors of The Society of Thoracic Surgeons.

Section 11. The Education Committee shall consist of six (6) members with two (2) members being appointed each year by the Council for a three (3) year term. At least two (2) members shall represent the areas of adult cardiac, pediatric cardiac and general thoracic surgery. In addition, a chair shall be appointed by the Council for a three (3) year term. The committee shall be responsible for identifying areas within the specialty for which additional training and education are necessary and the selection of topics and chairs for postgraduate activity to address these areas.

Section 12. The Committee on Publications shall consist of the Secretary as Chair, the President-Elect, the Vice President, the Treasurer, and the Executive Director. The Committee shall oversee the business relationships between the Association and the publisher of its journal maintain liaison among the publisher, the Editor, and the Council, and shall have advisory oversight for all official scientific publications of the Association and make recommendations to the Editor and the Council.

Section 13. The Cardiothoracic Residents Committee shall consist of eight members appointed by the Council. Two members shall be appointed each year for a four-year term with the senior two members of the Committee serving as Co-Chairs. At least two members shall represent adult cardiac surgery, general thoracic surgery, congenital heart surgery, and the Editorial Advisory Board of THE JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY. The duties of the committee shall include the development of educational activities specifically directed at cardiothoracic residents, the review of scientific material submitted for any resident award program and the selection of any such awardees and the responsibility for recommending to the Council the generation of new programs of interest to cardiothoracic residents.

Section 14. The Scientific Affairs and Government Relations Committee shall consist of a Chair, appointed by the Council who shall serve a term of three (3) years, the Secretary who shall serve ex-officio and such members as the Council may deem appropriate to fulfill the responsibilities of the committee who shall serve for one (1) year. The committee shall be responsible for identifying and interacting with the various Federal agencies and institutions which affect research activities and funding in cardiothoracic surgery. It shall serve as a resource to the membership in the development of programmatic activities appropriate to research efforts in the specialty.

ARTICLE VII. Finances

Section 1. The fiscal year of the Association shall begin on the first day of January and end on the last day of December each year.

Section 2. Members shall contribute to the financial maintenance of the Association through initiation fees, annual dues, and special assessments. The amount of the annual dues and the initiation fees shall be determined by the Council. If, at the end of any fiscal year, there is a deficit in the current funds of the Association, the Council may send out notices to that effect and invite Active members to contribute the necessary amount so that no deficit is carried over from one fiscal year to another. The Association may, in any regularly convened meeting, vote a special assessment which shall become an obligatory charge against the classes of members affected thereby.

Section 3. To meet the current expenses of the Association, there shall be available all revenue derived by the Association.

ARTICLE VIII. Meetings

Section 1. The time, place, duration, and procedure of the annual meeting of the Association shall be determined by the Council and the provisions of the By-Laws.

Section 2. Notice of any meeting of the Association shall be given to each member of the Association not less than five nor more than forty days prior to any annual meeting and not less than thirty nor more than forty days prior to any special meeting by written or printed notice delivered personally or electronically by mail, by or at the direction of the Council, the President or the Secretary. Such notice shall state
the place, day and hour of the meeting and in the case of a special meeting shall also state the purpose or purposes for which the meeting is called.

Section 3. A special meeting of the Association may be called by the Council or on the written request of fifteen members delivered to the Council, the President or the Secretary. The specific purposes of the meeting must be stated in the request.

Section 4. Attendance at annual meetings and participation in the scientific programs shall be optional for all Honorary and Senior Members, but it shall be expected from all Active Members.

Section 5. Each annual meeting shall have at least two executive sessions.

Section 6. When the Association convenes for its annual meeting, it shall immediately go into the first executive session, but the business at this session shall be limited to:
1. Appointment of necessary committees.

Section 7. The second executive session of the Association shall be held during the afternoon of the second day of the meeting. The business at this session shall include, but is not limited to:
1. Reading or waiver of reading of the minutes of the preceding meetings of the Association and the Council.
2. Report of the Treasurer of the last fiscal year.
3. Audit Report.
5. Report of the Program Committee.
6. Action on amendments to the Articles of Incorporation and By-Laws, if any.
7. Action on recommendations emanating from the Council.
8. Unfinished Business.
9. New Business
11. Election of new members.

Section 8. Except where otherwise required by law or these By-Laws, all questions at a meeting of the members shall be decided by a majority vote of the members present in person and voting. Voting by proxy is not permitted.

Section 9. Fifty voting members present in person shall constitute a quorum at a meeting of members.

Section 10. While the scientific session of the annual meeting is held primarily for the benefit of the members of the Association, it may be open to non-members who are able to submit satisfactory credentials, who register in a specified manner, and who pay such registration fee as may be determined and published by the Council from year to year.

Section 11. There shall be an annual meeting of the Council held during the annual meeting of the Association. Additional meetings of the Council may be called on not less than seven days prior written or telephonic notice by the President, the Secretary or any three members of the Council.

Section 12. Six members of the Council shall constitute a quorum for the conduct of business at any meeting of the Council, but a smaller number may adjourn any such meeting.

Section 13. Whenever any notice is required to be given to any member of the Council, a waiver thereof in writing, signed by the member of the Council entitled to such notice, whether before or after the time state therein, shall be deemed equivalent thereto.

Section 14. Any action which may be or is required to be taken at a meeting of the Council may be taken without a meeting if a consent in writing, setting forth the action so taken, shall be signed by all of the members of the Council. Any such consent shall have the same force and effect as a unanimous vote at a duly called and constituted meeting.

ARTICLE IX. Indemnification and Directors and Officers

Section 1. The Association shall indemnify any and all of its Councilors (hereinafter in this Article referred to as “directors”) or officers or former directors or officers, or any person who has served or shall serve at the Association’s request or by its election as a director or officer of another corporation or association, against expenses actually and necessarily incurred by them in connection with the defense or settlement of any action, suit or proceeding in which they, or any of them, are made parties, or a party, by reason of being or having been directors or officers of the Association, or of such other corporation or association, provided, however, that the foregoing shall not apply to matters as to which any such director or officer or former director or officer or person shall be adjudged in such action, suit or proceeding to be liable for willful misconduct in the performance of duty or to such matters as shall be settled by agreement predicated on the existence of such liability.

Section 2. Upon specific authorization by the Council, the Association may purchase and maintain
insurance on behalf of any and all of its directors or officers or former directors or officers, or any person who has served or shall serve at the Association’s request or by its election as a director or officer of another corporation or association, against any liability or settlement based on asserted liability, incurred by them by reason of being or having been directors or officers as director or officer of the Association or of such other corporation or association, whether or not the Association would have the power to indemnify them against such liability or settlement under the provisions of Section 1.

ARTICLE X. Papers
Section 1. All papers read before the Association shall become the property of the Association.
Authors shall provide original or electronic copies of their manuscripts to the Editor, prior to the time of presentation, for consideration for publication in the official Journal.
Section 2. When the number of papers makes it desirable, the Council may require authors to present their papers in abstract, and may set a time limit on discussions.

ARTICLE XI. Initiation Fees, Dues and Assessments
Section 1. Honorary Members of the Association are exempt from all initiation fees, dues, and assessments.
Section 2. Annual dues for Active Members shall be established by the Council and shall include a year’s subscription to THE JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY.
Section 3. Senior Members are exempt from dues.
Section 4. The initiation fee for those elected directly to Active Membership shall be established by the Council.
Section 5. Active Members must subscribe to THE JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY to retain their membership status.
Section 6. Subscription to THE JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY is optional for Senior Members.
Section 7. Bills for membership dues and for subscriptions to THE JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY will be mailed to members by the Treasurer at the beginning of the fiscal year.

ARTICLE XII. Parliamentary Procedure
Except where otherwise provided in these By-Laws or by law, all parliamentary proceedings at the meetings of this Association and its Council and Committees shall be governed by the then current Sturgis Standard Code of Parliamentary Procedure.

ARTICLE XIII. Amendments
Section 1. These By-Laws may be amended by a two-thirds vote of the members present and voting at an executive session of a properly convened annual or special meeting of the Association provided that the proposed amendment has been moved and seconded by not less than three members at a prior executive session of that meeting or a prior meeting of the Association.
Section 2. These By-Laws may be suspended in whole or in part for a period of not more than twelve hours by a unanimous vote of those present and voting at any regularly convened meeting of the Association.

As amended, May, 2006
L2 Danny Ramzy Nothing to Disclose
L3 Pavan Atluri Nothing to Disclose
L4 Leo Mabuchi Gazoni Nothing to Disclose
L5 Thomas S. Maxey Nothing to Disclose
L6 Masaki Anraku Nothing to Disclose
L7 Munir Boodhwani Nothing to Disclose
L8 Sagar Damle Nothing to Disclose
1 Tomislav Mihaljevic Nothing to Disclose
2 Edward John Hickey Nothing to Disclose
3 Daniel Boffa Nothing to Disclose
4 Kazuo Shimamura Nothing to Disclose
5 Diana Aicher Nothing to Disclose
6 Eric Mendeloff Nothing to Disclose
7 Munir Boodhwani Nothing to Disclose
8 Eric E. Roselli Nothing to Disclose
9 Akira Marui Nothing to Disclose
10 Mario Vigan Nothing to Disclose
11 Ruoyu Zhang Nothing to Disclose Yes: financial interest; Thoratec: Trial; Micromed: Trial; Worldheart: Trial; Syncardia: Trial proctor; Abiomed: Trial; Arrow: Consultant; Vital Sensor: Consultant
12 Nicholas G. Smedira Nothing to Disclose
13 Morgan Leigh Brown Nothing to Disclose
14 Mark David Peterson Nothing to Disclose
15 Raja Michael Flores Nothing to Disclose
16 James Huang Nothing to Disclose
17 Robert James Cerfolio Nothing to Disclose
18 Karen M. Harrison-Phipps Nothing to Disclose
19 Arjun Pennathur Nothing to Disclose
20 Sam Bastani Nothing to Disclose
21 Benjamin D. Kozower Nothing to Disclose
22 K. Robert Shen Nothing to Disclose Yes: financial interest; Chair of the STS Congenital Database Taskforce:
23 Jeffrey Phillip Jacobs Consultant/Advisory Board; Member of the Board of Directors of Aristotle Inc.
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