



AMERICAN ASSOCIATION
FOR THORACIC SURGERY
We Model Excellence

AATS ANNUAL MEETING 2013

PROGRAM GUIDE

May 4–8, 2013

Minneapolis Convention Center
Minneapolis, MN, USA



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PROGRAM SCHEDULE

SATURDAY, MAY 4, 2013 SKILLS AND DECISION MAKING COURSES

8:00 a.m. – 5:00 p.m.

ADULT CARDIAC SKILLS AND DECISION MAKING

Ballroom A, Minneapolis Convention Center

Chair: Rakesh M. Suri
Mayo Clinic

Co-Moderators: Rakesh M. Suri
Mayo Clinic

Eric E. Roselli
Cleveland Clinic

8:00 a.m. – 8:20 a.m.	Social Media and Medicine Lee Aase Mayo Clinic Center for Social Media
8:20 a.m. – 8:30 a.m.	Welcome and Introduction Rakesh M. Suri Mayo Clinic
8:30 a.m. – 8:55 a.m.	Minimally Invasive Aortic Valve Replacement Mattia Glauber Heart Hospital Monasterio Foundation
8:55 a.m. – 9:15 a.m.	Transapical Aortic Valve Implantation Vinod H. Thourani Emory University
9:15 a.m. – 9:35 a.m.	Sutureless Aortic Valve Replacement Malakh Shrestha Hannover Medical School
9:35 a.m. – 9:55 a.m.	Transaortic Aortic Valve Implantation Vinayak Bapat St. Thomas Hospital
9:55 a.m. – 10:25 a.m.	BREAK
10:25 a.m. – 10:50 a.m.	Valve-in-Valve Aortic Valve Implantation Michael A. Borger University of Leipzig



10:50 a.m. – 11:15 a.m.	Aortic Valve Repair Hans-Joachim Schaefers <i>University Hospital</i>
11:15 a.m. – 11:40 a.m.	Aortic Valve Sparing Root Replacement Wilson Y. Szeto <i>University of Pennsylvania</i>
11:40 a.m. – 12:00 p.m.	Bicuspid Aortic Valve Disease and Management of the Ascending Aorta John A. Elefteriades <i>Yale University</i>
12:00 p.m. – 1:30 p.m.	LUNCH PROVIDED – IN ROOM
1:30 p.m. – 1:55 p.m.	Hybrid Approach to Aortic Arch Disease Eric E. Roselli <i>Cleveland Clinic</i>
1:55 p.m. – 2:20 p.m.	Robotic Mitral Valve Repair Rakesh M. Suri <i>Mayo Clinic</i>
2:20 p.m. – 2:45 p.m.	Repair Ischemic Mitral Regurgitation Robert A. Dion <i>Ziekenhuis Oost-Limburg</i>
2:45 p.m. – 3:10 p.m.	Minimally Invasive Atrial Fibrillation Ablation Niv Ad <i>INOVA Fairfax Hospital/IHVI</i> <i>Majorca</i>
3:10 p.m. – 3:45 p.m.	BREAK
3:45 p.m. – 4:05 p.m.	Implantation of Latest Generation Ventricular Assist Devices Mark S. Slaughter <i>University of Louisville</i>
4:05 p.m. – 4:30 p.m.	Total Arterial Coronary Revascularization James Tatoulis <i>University of Melbourne</i>
4:30 p.m. – 5:00 p.m.	Wrap-Up Rakesh M. Suri <i>Mayo Clinic</i>
5:00 p.m.	ADJOURN

8:00 a.m. – 5:00 p.m.

CONGENITAL SKILLS AND DECISION MAKING

101 B, Minneapolis Convention Center

Chair: Carl L. Backer
Children's Memorial Hospital

8:00 a.m. – 8:20 a.m.	Social Media and Medicine Lee Aase <i>Mayo Clinic Center for Social Media</i>
8:20 a.m. – 8:50 a.m.	Reoperation After Vascular Ring Repair Carl L. Backer <i>Children's Memorial Hospital</i>
8:50 a.m. – 9:35 a.m.	What the Registry Tells Us About Anomalous Aortic Origin of the Coronary Artery Julie Brothers <i>Children's Hospital of Philadelphia</i> Marshall L. Jacobs <i>Cleveland Clinic</i>
9:35 a.m. – 10:05 a.m.	Scimitar Syndrome – The Curved Turkish Sabre Sertac M. Cicek <i>Anadolu Medical Center</i>
10:05 a.m. – 10:30 a.m.	BREAK
10:30 a.m. – 11:00 a.m.	Evidence-Based Medicine in the CCU – Truth vs. Dogma John M. Costello <i>Children's Hospital Boston</i>
11:00 a.m. – 11:30 a.m.	Tetralogy of Fallot and Pulmonary Valve Replacement – Timing and Techniques in the Asymptomatic Patient Stephanie Fuller <i>Children's Hospital of Philadelphia</i>
11:30 a.m. – 12:00 p.m.	Neuroprotection Strategies – What Do We Really Need To Do? Charles D. Fraser <i>Texas Children's Hospital</i>
12:00 p.m. – 1:30 p.m.	LUNCH PROVIDED IN ROOM



1:30 p.m. – 2:00 p.m.

**The Reinforced Ross:
Techniques and Outcomes**

Ross M. Ungerleider
Wake Forest Baptist Health

2:00 p.m. – 2:30 p.m.

**Double-Switch Demystified
– The Arterial Switch, Hemi-
Mustard, and Bidirectional
Glenn**

Frank L. Hanley
Stanford University

2:30 p.m. – 3:00 p.m.

**Cardioplegia – What Type and
How Much?**

Christopher A. Caldarone
*University of Toronto, Hospital for
Sick Children*

3:00 p.m. – 3:30 p.m.

BREAK

3:30 p.m. – 4:00 p.m.

**Reoperation for Left Ventricular
Outflow Tract Obstruction After
Atrioventricular Septal Defect**

David M. Overman
Children's Heart Clinic

4:00 p.m. – 4:30 p.m.

The Nikaidoh Operation

Victor O. Morell
Children's Hospital of Pittsburgh

4:30 p.m. – 5:00 p.m.

**Total Artificial Heart for the
Failed Fontan Repair**

J. William Gaynor
Children's Hospital of Philadelphia

5:00 p.m.

ADJOURN

8:00 a.m. – 5:00 p.m.

GENERAL THORACIC SKILLS AND DECISION MAKING

101 E, Minneapolis Convention Center

Chair: *Stephen D. Cassivi*
Mayo Clinic

8:00 a.m. – 8:20 a.m.	Social Media and Medicine Lee Aase <i>Mayo Clinic Center for Social Media</i>
8:20 a.m. – 8:30 a.m.	Introduction Stephen D. Cassivi <i>Mayo Clinic</i>

MINIMALLY INVASIVE DIAGNOSTICS AND THERAPEUTICS

8:30 a.m. – 8:40 a.m.	Endobronchial UltraSound EBUS Kazuhiro Yasufuku <i>University of Toronto</i>
8:40 a.m. – 8:50 a.m.	Esophageal Ultrasound EUS/ Endoscopic Mucosal Resection EMR Moishe Liberman <i>Centre Hospitalier de l'Universite de Montreal</i>
8:50 a.m. – 9:00 a.m.	Thoracic Surgeon and SBRT Neil A. Christie <i>University of Pittsburgh</i>
9:00 a.m. – 9:15 a.m.	PerOral Endoscopic Myotomy POEMS Christopher J. Gostout <i>Mayo Clinic</i>
9:15 a.m. – 9:30 a.m.	PANEL DISCUSSION
9:30 a.m. – 10:00 a.m.	BREAK

ESOPHAGECTOMY – How I Do It

10:00 a.m. – 10:20 a.m.	Ivor Lewis Esophagectomy Donald E. Low <i>Virginia Mason Medical Center</i>
10:20 a.m. – 10:40 a.m.	Transhiatal Esophagectomy Mark B. Orringer <i>University of Michigan</i>
10:40 a.m. – 11:00 a.m.	Left Thoracoabdominal Esophagectomy Thomas W. Rice <i>Cleveland Clinic</i>



11:00 a.m. – 11:20 a.m.	Three-Field Esophagectomy Nasser K. Altorki <i>Cornell Medical Center</i>
11:20 a.m. – 11:40 a.m.	Minimally Invasive Esophagectomy James D. Luketich <i>University of Pittsburgh</i>
11:40 a.m. – 12:00 p.m.	PANEL DISCUSSION
12:00 p.m. – 1:30 p.m.	WORKING LUNCH "How to Perform, Build and Finance a Thoracic Surgical Program in 2013: From Robotics to Navigational Bronchoscopy"

PULMONARY RESECTION

1:30 p.m. – 1:40 p.m.	Optimal Analgesia Juan J. Fibla <i>Mayo Clinic</i>
1:40 p.m. – 2:00 p.m.	VATS – How I Do It René Horsleben Petersen <i>Rigshospitalet, Copenhagen, Denmark</i>
2:00 p.m. – 2:20 p.m.	VATS Lymphadenectomy – How I Do It Thomas A. D'Amico <i>Duke University</i>
2:20 p.m. – 2:35 p.m.	Single Incision VATS Lobectomy – How I Do It Diego Gonzalez Rivas <i>Coruña Hospital</i>
2:35 p.m. – 2:50 p.m.	Post-Op Fast-Track Pathway Dennis Wigle <i>Mayo Clinic</i>
2:50 p.m. – 3:15 p.m.	PANEL DISCUSSION
3:15 p.m. – 3:45 p.m.	BREAK

MEDIASTINUM

3:45 p.m. – 4:00 p.m.	Transcervical Thymectomy Joseph B. Shrager <i>Stanford University</i>
4:00 p.m. – 4:15 p.m.	VATS Thymectomy Joshua R. Sonett <i>Columbia University</i>

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4:15 p.m. – 4:30 p.m.	Video Assisted Mediastinal Lymphadenectomy Gunda Leschber <i>ELK Berlin Chest Hospital</i>
4:30 p.m. – 4:45 p.m.	Minimally Invasive Thoracic Sympathectomy Laureano Molins <i>University of Barcelona</i>
4:45 p.m. – 5:00 p.m.	PANEL DISCUSSION
5:00 p.m.	ADJOURN

8:00 a.m. – 12:00 p.m.

DEVELOPING THE ACADEMIC SURGEON

Auditorium Room 1, Minneapolis Convention Center

Chair: *J. William Gaynor*
Children's Hospital of Philadelphia

	Co-Moderators: J. William Gaynor <i>Children's Hospital of Philadelphia</i> Jennifer C. Hirsch <i>University of Michigan</i>
8:00 a.m. – 8:20 a.m.	Social Media and Medicine Lee Aase <i>Mayo Clinic Center for Social Media</i>
8:20 a.m. – 8:25 a.m.	Introduction J. William Gaynor <i>Children's Hospital of Philadelphia</i>
8:25 a.m. – 8:40 a.m.	The Promotion Process Bryan A. Wolf <i>Children's Hospital of Philadelphia</i>
8:40 a.m. – 8:55 a.m.	The Balancing Act: How Do You Build a Clinical Practice and a Research Career? Michael A. Acker <i>University of Pennsylvania</i>
8:55 a.m. – 9:10 a.m.	Challenges in the Early Years of an Academic Career Jennifer C. Hirsch <i>University of Michigan</i>
9:10 a.m. – 9:40 a.m.	PANEL DISCUSSION AND QUESTIONS
9:40 a.m. – 10:00 a.m.	BREAK



	Co-Moderators: Yolonda L. Colson <i>Brigham and Women's Hospital</i> R. Duane Davis <i>Duke University</i>
10:00 a.m. – 10:15 a.m.	Challenges in Developing a Basic Science Research Program Peter J. Gruber <i>Primary Children's Medical Center</i>
10:15 a.m. – 10:30 a.m.	What a Basic Scientist Looks for in a Potential Collaboration with a Surgeon Edward E. Morrissey <i>University of Pennsylvania</i>
10:30 a.m. – 10:45 a.m.	The ROI for an MBA: Is It Worth the Cost? R. Duane Davis <i>Duke University</i>
10:45 a.m. – 11:00 a.m.	Opportunities for Research Using the STS Databases Fred H. Edwards <i>University of Florida</i>
11:00 a.m. – 11:15 a.m.	Navigating the Alphabet Soup of the NIH: K08, R01, Etc. Yolonda L. Colson <i>Brigham and Women's Hospital</i>
11:15 a.m. – 11:30 a.m.	How Chairmen Evaluate Candidates for Academic Positions Irving L. Kron <i>University of Virginia</i>
11:30 a.m. – 11:45 a.m.	PANEL DISCUSSION AND QUESTIONS
12:00 p.m.	ADJOURN – LUNCH ON OWN

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1:30 p.m. – 5:00 p.m.

WORKING WITH INDUSTRY



Auditorium Room 1, Minneapolis Convention Center

Chair:

*Patrick M. McCarthy
Northwestern University*

1:30 p.m. – 1:35 p.m.

Introduction

*Patrick M. McCarthy
Northwestern University*

1:35 p.m. – 1:55 p.m.

**Decades of Medical Innovation:
What's Different Today?**

*Thomas J. Fogarty
Institute for Innovation*

1:55 p.m. – 2:15 p.m.

"Pulling Ideas Out of a Hat"

*William E. Cohn
Texas Heart Institute*

2:15 p.m. – 2:35 p.m.

**Start Your Own Company, or
License Your Idea?**

*Steven F. Bolling
University of Michigan*

2:35 p.m. – 2:55 p.m.

**The Office of Technology
Transfer: Friend or Foe?**

*A. Marc Gillinov
Cleveland Clinic*

2:55 p.m. – 3:15 p.m.

PANEL DISCUSSION

3:15 p.m. – 3:30 p.m.

BREAK

3:30 p.m. – 5:00 p.m.

Industry and FDA Perspectives

*Round table discussion regarding
the current system and processes
among industry representatives.*

5:00 p.m.

ADJOURN



8:00 a.m. – 5:00 p.m.

ALLIED HEALTH PERSONNEL SYMPOSIUM

Auditorium Room 2, Minneapolis Convention Center

Chair: *Harold M. Burkhart
Mayo Clinic*

Nurse Planner: *Katherine J. Hoercher
Cleveland Clinic*

8:00 a.m. – 8:20 a.m.

Social Media and Medicine

*Lee Aase
Mayo Clinic Center for Social Media*

8:20 a.m. – 8:25 a.m.

Welcome and Introduction

*Harold M. Burkhart
Mayo Clinic*

ADVANCING PATIENT CARE IN CARDIOTHORACIC SURGERY

8:25 a.m. – 8:45 a.m.

Moderator:

*T. Bruce Ferguson, Jr.
East Carolina Heart Institute*

**Utilizing iPad Technology for
Cardiac Surgical Patient Care**

*David A. Cook
Mayo Clinic*

8:45 a.m. – 9:05 a.m.

**Quality Measurements and
NQF: What You Need to Know**

*T. Bruce Ferguson, Jr.
East Carolina Heart Institute*

9:05 a.m. – 9:20 a.m.

**Direct Referral Clinic: Why, How
and Who?**

*Macaila C. Eick
Mayo Clinic*

9:20 a.m. – 9:30 a.m.

PANEL DISCUSSION

9:30 a.m. – 10:00 a.m.

BREAK

**PERCUTANEOUS AND MINIMALLY INVASIVE CARDIAC
TECHNIQUES: CASE STUDY, PATIENT SELECTION AND OUTCOMES**

10:00 a.m. – 10:15 a.m.

Moderator:

*John S. Ikonmidis
University of South Carolina*

**Robotic-Assisted Cardiac
Surgery**

*Harold M. Burkhart
Mayo Clinic*

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10:15 a.m. – 10:30 a.m.	Percutaneous Aortic Valve Therapy Update Gorav Ailawadi <i>University of Virginia</i>
10:30 a.m. – 10:45 a.m.	Current State of Thoracic Aortic Endovascular Surgery John S. Ikonmidis <i>University of South Carolina</i>
10:45 a.m. – 10:55 a.m.	PANEL DISCUSSION

ADVANCING THE PRACTICE OF THORACIC SURGERY

	Moderator: Robert J. Cerfolio <i>University of Alabama</i>
10:55 a.m. – 11:15 a.m.	Is There a Role for Patient Care Pathways in Thoracic Surgery? Marc R. Katlic <i>Sinai Hospital of Baltimore</i>
11:15 a.m. – 11:35 a.m.	Update in Robotic Thoracic Surgery Robert J. Cerfolio <i>University of Alabama</i>
11:35 a.m. – 11:55 a.m.	Current State of Pulmonary Rehabilitation in the Postoperative Thoracic Patient Roberto P. Benzo <i>Mayo Clinic</i>
11:55 a.m. – 12:00 a.m.	PANEL DISCUSSION
12:00 p.m. – 1:30 p.m.	BOX LUNCH PROVIDED IN ROOM

DECISION MAKING IN THE CARDIAC SURGICAL PATIENT

	Moderator: Jeffrey B. Riley <i>Mayo Clinic</i>
1:30 p.m. – 1:50 p.m.	Anticoagulation Management in the Pre and Postoperative Cardiac Surgical Patient Victor A. Ferraris <i>University of Kentucky</i>
1:50 p.m. – 2:10 p.m.	Volume Management and Blood Conservation Jeffrey B. Riley <i>Mayo Clinic</i>



2:10 p.m. – 2:30 p.m.

**Management of Perioperative
Atrial Fibrillation**

Marc R. Moon
Washington University

2:30 p.m. – 2:50 p.m.

**Short-Term Mechanical
Circulatory Support in the
Post-Cardiotomy Patient: Axial
Flow Versus ECMO**

Gregory J. Schears
Mayo Clinic

2:50 p.m. – 3:00 p.m.

PANEL DISCUSSION

3:00 p.m. – 3:30 p.m.

BREAK

VENTRICULAR ASSIST DEVICES UPDATE

3:30 p.m. – 3:50 p.m.

Moderator:

Katherine J. Hoercher
Cleveland Clinic

**Destination Therapy Versus
Bridge to Transplant: Which
Pathway?**

John M. Stulak
Mayo Clinic

3:50 p.m. – 4:10 p.m.

**Perioperative and ICU
Management of the
MCS Patient**

Elissa J. Yaw
Mayo Clinic

4:10 p.m. – 4:30 p.m.

**Overview and Management
of Complications with MCS:
GI Bleeding, Infection,
Thrombosis, Pump Exchange**

Daniel J. Goldstein
Montefiore Medical Center

4:30 p.m. – 5:00 p.m.

PANEL DISCUSSION

5:00 p.m.

ADJOURN

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SUNDAY MAY 5, 2013
AATS/STS POSTGRADUATE SYMPOSIA

7:40 a.m. – 5:00 p.m.

AATS/STS ADULT CARDIAC SURGERY SYMPOSIUM

Auditorium, Minneapolis Convention Center

Chair: *John G. Byrne*
Vanderbilt University

7:40 a.m. – 8:00 a.m.

Social Media and Medicine

Lee Aase
Mayo Clinic Center for Social Media

8:00 a.m. – 8:10 a.m.

Welcome and Introduction

John G. Byrne
Vanderbilt University

MITRAL VALVE

8:10 a.m. – 8:40 a.m.

**MV Repair: Outcomes vs.
Technique Choice: Which
Technique is best for Which
Lesion?**

David H. Adams
Mount Sinai Medical Center

8:40 a.m. – 8:50 a.m.

QUESTION AND ANSWER

8:50 a.m. – 9:10 a.m.

**Debate: Minimally Invasive
Technique Is the Preferred
Method**

Aubrey C. Galloway, Jr.
New York University

9:10 a.m. – 9:30 a.m.

**Debate: Open Trans-Sternal
Techniques Is the Preferred
Method**

Patrick M. McCarthy
Northwestern University

9:30 a.m. – 9:40 a.m.

QUESTION AND ANSWER

9:40 a.m. – 9:50 a.m.

BREAK

TREATMENT OF ENDOCARDITIS: JUDGMENT CALLS

9:50 a.m. – 10:10 a.m.

**When to Replace vs. Spare the
Valve and Root**

Tirone E. David
Toronto General Hospital

10:10 a.m. – 10:20 a.m.

QUESTION AND ANSWER



10:20 a.m. – 10:40 a.m.

**When to Repair vs. Replace
the Mitral Valve/Avoid AV
Dehiscence**

Michael R. Petracek
Vanderbilt University

10:40 a.m. – 10:50 a.m.

QUESTION AND ANSWER

10:50 a.m. – 11:10 a.m.

**Reconstruction Fibrous
Skeleton: Techniques, Pitfalls,
Results**

Gosta B. Pettersson
Cleveland Clinic

11:10 a.m. – 11:20 a.m.

QUESTION AND ANSWER

TAVR

11:20 a.m. – 11:40 a.m.

**TAVR Update: Open vs. Closed,
Future Directions**

Michael J. Reardon
Methodist DeBakey Heart Center

11:40 a.m. – 12:00 p.m.

QUESTION AND ANSWER

12:00 p.m. – 1:30 p.m.

**LUNCHEON SYMPOSIUM
“The Price of Innovation”**

Ballroom AB
Albert Starr
*Oregon Health and Science
University*

WHEN NOT TO IN CARDIAC SURGERY: JUDGMENT CALLS

1:30 p.m. – 1:50 p.m.

**When not to in Cardiac
Surgery: David Procedure**

Joseph E. Bavaria
University of Pennsylvania

1:50 p.m. – 2:00 p.m.

QUESTION AND ANSWER

2:00 p.m. – 2:20 p.m.

**When Not to in Cardiac
Surgery: Off-Pump CABG**

Ralph J. Damiano, Jr.
Washington University

2:20 p.m. – 2:30 p.m.

QUESTION AND ANSWER

2:30 p.m. – 2:50 p.m.

**When Not to in Cardiac
Surgery: Minimally Invasive
Mitral Valve Repair**

Stephen K. Ball
*Vanderbilt Heart and Vascular
Institute*

2:50 p.m. – 3:00 p.m.

QUESTION AND ANSWER

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3:00 p.m. – 3:20 p.m.	When Not to in Cardiac Surgery: Repair of Type A Dissection R. Scott Mitchell <i>Stanford University</i>
3:20 p.m. – 3:40 p.m.	QUESTION AND ANSWER
3:40 p.m. – 3:50 p.m.	BREAK

PRACTICE MODELS

3:50 p.m. – 4:10 p.m.	Integrated CV Practice: Private Kevin D. Accola <i>Cardiovascular Surgical PA</i>
4:10 p.m. – 4:20 p.m.	QUESTION AND ANSWER
4:20 p.m. – 4:40 p.m.	Integrated CV Practice: Academic Bruce W. Lytle <i>Cleveland Clinic</i>
4:40 p.m. – 4:50 p.m.	QUESTION AND ANSWER
5:00 p.m.	ADJOURN

7:40 a.m. – 5:00 p.m.

AATS/STS CONGENITAL HEART DISEASE SYMPOSIUM

101 B, Minneapolis Convention Center

Chair: Joseph A. Dearani
Mayo Clinic

7:40 a.m. – 8:00 a.m.	Social Media and Medicine Lee Aase <i>Mayo Clinic Center for Social Media</i>
8:00 a.m. – 8:05 a.m.	Opening Remarks Joseph A. Dearani <i>Mayo Clinic</i>
8:05 a.m. – 8:25 a.m.	What Can the Database Tell us about Reoperation? Jeffrey P. Jacobs <i>All Children's Hospital</i>
8:25 a.m. – 8:45 a.m.	Strategies for the High Risk Redo Joseph A. Dearani <i>Mayo Clinic</i>
8:45 a.m. – 9:05 a.m.	Therapeutic/Prophylactic Arrhythmia Management Constantine Mavroudis <i>Florida Hospital for Sick Children</i>



9:05 a.m. – 9:35 a.m.	PANEL DISCUSSION Jeffrey P. Jacobs <i>All Children's Hospital</i> Joseph A. Dearani <i>Mayo Clinic</i> Constantine Mavroudis <i>Florida Hospital for Sick Children</i> Bohdan J. Maruszewski <i>Children's Memorial Health Institute, Poland, EACTS</i>
9:35 a.m. – 10:15 a.m.	BREAK
10:15 a.m. – 10:35 a.m.	Repair of Atrioventricular Valves Viktor Hraska <i>German Pediatric Heart Center, EACTS</i>
10:35 a.m. – 10:55 a.m.	Prosthesis Selection When Repair Is Not Possible Harold M. Burkhart <i>Mayo Clinic</i>
10:55 a.m. – 11:15 a.m.	Percutaneous Valve-In-Valve Therapy Evan M. Zahn <i>Cedars-Sinai Heart Institute</i>
11:15 a.m. – 12:00 p.m.	PANEL DISCUSSION Viktor Hraska <i>German Pediatric Heart Center, EACTS</i> Harold M. Burkhart <i>Mayo Clinic</i> Evan M. Zahn <i>Cedars-Sinai Heart Institute</i> Christian Schreiber <i>German Heart Center Munich, EACTS</i>
12:00 p.m. – 1:30 p.m.	LUNCHEON SYMPOSIUM "The Price of Innovation" <i>Ballroom AB</i> Albert Starr <i>Oregon Health and Science University</i>
1:30 p.m. – 1:50 p.m.	Management of the Dilated Aorta in CHD Duke E. Cameron <i>Johns Hopkins Hospital</i>

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1:50 p.m. – 2:10 p.m.	HLHS – What to Expect Down the Road Edward L. Bove <i>University of Michigan</i>
2:10 p.m. – 2:30 p.m.	Full Metal Jacket . . . Reoperation in Stentland Thomas L. Spray <i>Children's Hospital of Philadelphia</i>
2:30 p.m. – 3:00 p.m.	PANEL DISCUSSION Duke E. Cameron <i>Johns Hopkins Hospital</i> Edward L. Bove <i>University of Michigan</i> Thomas L. Spray <i>Children's Hospital Of Philadelphia</i> Tom Karl <i>Mater Children's Hospital</i>
3:00 p.m. – 3:25 p.m.	BREAK
3:25 p.m. – 3:45 p.m.	End Stage CHD – When It Is Time for Transplant Anees J. Razzouk <i>Loma Linda University</i>
3:45 p.m. – 4:05 p.m.	VAD Strategies & Outcome in CHD James K. Kirklin <i>University of Alabama at Birmingham</i>
4:05 p.m. – 4:25 p.m.	All This Monitoring – What's Necessary, What's Not James S. Tweddell <i>Medical College of Wisconsin</i>
4:25 p.m. – 4:55 p.m.	PANEL DISCUSSION Anees J. Razzouk <i>Loma Linda University</i> James K. Kirklin <i>University of Alabama at Birmingham</i> James S. Tweddell <i>Medical College of Wisconsin</i> James Jagers <i>University of Colorado</i>
4:55 p.m. – 5:00 p.m.	Closing Remarks Joseph A. Dearani <i>Mayo Clinic</i>
5:00 p.m.	ADJOURN



7:30 a.m. – 5:00 p.m.

AATS/STS GENERAL THORACIC SURGERY SYMPOSIUM

101 E, Minneapolis Convention Center

Chair: *Cameron D. Wright
Massachusetts General Hospital*

Moderator: *Claude Deschamps
Mayo Clinic*

7:30 a.m. – 7:40 a.m.

Welcome

*Cameron D. Wright
Massachusetts General Hospital*

7:40 a.m. – 8:00 a.m.

Social Media and Medicine

*Lee Aase
Mayo Clinic Center for Social Media*

8:00 a.m. – 8:20 a.m.

**Lung Resection for MTB and
NTM**

*John D. Mitchell
University of Colorado*

8:20 a.m. – 8:40 a.m.

**Stage I Inoperable NSCLC-RFA
or SBRT?**

*Michael Lanuti
Massachusetts General Hospital*

8:40 a.m. – 9:00 a.m.

Navigational Bronchoscopy

*Douglas Minnich
University of Alabama at
Birmingham*

9:00 a.m. – 9:20 a.m.

Tracheoplasty for TBM

*Sidu Gangadharan
Beth Israel Deaconess*

9:20 a.m. – 9:40 a.m.

PANEL DISCUSSION

9:40 a.m. – 10:10 a.m.

BREAK

10:10 a.m. – 10:30 a.m.

**Sublobar Resection for T1a
NSCLC**

*David C. Rice
MD Anderson Cancer Center*

10:30 a.m. – 10:50 a.m.

Robotic Lobectomy

*Bernard J. Park
Hackensack University*

10:50 a.m. – 11:10 a.m.

**Management of Intraoperative
Complications**

During VATS Lobectomy
*Scott J. Swanson
Brigham and Women's Hospital*

11:10 a.m. – 11:30 a.m.	Persistent N2 Disease after Induction Therapy – What Next? Valerie W. Rusch <i>Memorial Sloan-Kettering Cancer Center</i>
11:30 a.m. – 11:50 a.m.	Lung Cancer Resection on Cardiopulmonary Bypass Daniel J. Boffa <i>Yale University</i>
12:00 p.m. – 1:30 p.m.	LUNCHEON SYMPOSIUM “The Price of Innovation” <i>Ballroom AB</i> Albert Starr <i>Oregon Health and Science University</i>
1:30 p.m. – 1:50 p.m.	Stenting of Esophageal Leaks and Perforations Richard K. Freeman <i>St. Vincent’s Health and Hospital System</i>
1:50 p.m. – 2:10 p.m.	Esophageal Anastomotic Techniques Raphael Bueno <i>Brigham and Women’s Hospital</i>
2:10 p.m. – 2:30 p.m.	Induction Therapy for Esophageal Cancer-Cross Trial Results Stephen C. Yang <i>Johns Hopkins Medical Institutions</i>
2:30 p.m. – 2:50 p.m.	Laparoscopic Paraesophageal Hiatus Hernia Repair Stephen D. Cassivi <i>Mayo Clinic</i>
2:50 p.m. – 3:10 p.m.	PANEL DISCUSSION
3:10 p.m. – 3:50 p.m.	BREAK
3:50 p.m. – 4:10 p.m.	SVC Resection Kenneth A. Kessler <i>Indiana University</i>
4:10 p.m. – 4:30 p.m.	Use of VAC Therapy in Thoracic Surgery Infections Gaetano Rocco <i>National Cancer Institute, ESTS</i>
4:30 pm – 5:00 pm	PANEL DISCUSSION
5:00 p.m.	ADJOURN



7:40 a.m. – 5:00 p.m.

AATS/STS CARDIOTHORACIC CRITICAL CARE SYMPOSIUM

200 C, Minneapolis Convention Center

Chairs:

Nevin M. Katz

Johns Hopkins University

Michael S. Mulligan

University of Washington

7:40 a.m. – 8:00 a.m.

Social Media and Medicine

Lee Aase

Mayo Clinic Center for Social Media

8:00 a.m. – 8:10 a.m.

Welcome and Opening

Remarks

Michael S. Mulligan

University of Washington

8:10 a.m. – 8:30 a.m.

CT Critical Care: Meeting the Challenges

Nevin M. Katz

Johns Hopkins University

8:30 a.m. – 9:00 a.m.

Latest Technologies for Hemodynamic & Respiratory Monitoring

Daniel T. Engelman

Baystate Medical Center

9:00 a.m. – 9:30 a.m.

Ventilatory Support for Acute Lung Injury & ARDS

Neil R. MacIntyre

Duke University

9:30 a.m. – 10:00 a.m.

Case Scenarios: ALI & ARDS

Matthew Bacchetta

Columbia University

10:00 a.m. – 10:30 a.m.

BREAK

10:30 a.m. – 11:00 a.m.

Post-Cardiotomy Circulatory Support: Integration of Currently Available Strategies

Francis D. Pagani

University of Michigan

11:00 a.m. – 12:00 p.m.

Hemodynamic Simulation

Lyle D. Joyce

Mayo Clinic

Nevin M. Katz

Johns Hopkins University

93RD ANNUAL MEETING
MAY 4–MAY 8, 2013 | MINNEAPOLIS, MN

12:00 p.m. – 1:30 p.m.

LUNCHEON SYMPOSIUM
“The Price of Innovation”

Ballroom AB
Albert Starr
Oregon Health and Science
University

1:30 p.m. – 2:00 p.m.

Lung Transplant Management

Michael S. Mulligan
University of Washington

2:00 p.m. – 2:30 p.m.

Development and
Implementation of Clinical
Pathways in the CTICU

Rakesh C. Arora MD
St. Boniface General Hospital

2:30 p.m. – 3:00 p.m.

Case Scenarios

Aaron Cheng
University of Washington

3:00 p.m. – 3:30 p.m.

BREAK

3:30 p.m. – 4:00 p.m.

Management of Refractory
Pneumonias in CT Surgical
Patients

Dennis G. Maki
University of Wisconsin

4:00 p.m. – 4:30 p.m.

Management of Postoperative
Extremity Ischemia

Jonathan W. Haft
University of Michigan

4:30 p.m. – 5:00 p.m.

Case Scenarios

Michael S. Mulligan
University of Washington

5:00 p.m.

ADJOURN



SUNDAY, MAY 5, 2013

C. WALTON LILLEHEI RESIDENT FORUM SESSION

Auditorium Room 1, Minneapolis Convention Center

3:00 p.m. – 5:00 p.m.

16th Annual C. Walton Lillehei Resident Forum

(7 minute presentation, 8 minute discussion)

Chairs: Thomas Waddell, *University of Toronto*
Y. Joseph Woo, *University of Pennsylvania*

- L1. Functional Recovery Following a Brief Period of Ischemia is Enhanced in Hearts from Inducible Cardiomyocyte-Specific CD36 Deficient Mice**
Jeevan Nagendran
University of Alberta
Invited Discussant: Vivek Rao
- L2. Mesothelin Overexpression Imparts an Aggressive Phenotype and Decreases Recurrence-Free Survival in Early Stage Lung Adenocarcinoma**
Stefan S. Kachala
Memorial Sloan-Kettering Cancer Center
Invited Discussant: Walter Weder
- L3. Alpha 2a Agonist Dexmedetomidine Promotes Ischemic Tolerance in a Murine Model of Spinal Cord Ischemia-Reperfusion**
Marshall T. Bell
University of Colorado
Invited Discussant: John S. Ikonomidis
- L4. Safety and Efficacy of Ex Vivo Adenoviral IL-10 Gene Therapy in a Lung Transplantation Large Animal Survival Model**
Tiago N. Machuca
University of Toronto
Invited Discussant: TBD
- L5. Effects of Angiotensin II on Sirtuin Expression**
Lawrence E. Greiten
Mayo Clinic
Invited Discussant: Juan A. Crestanello
- L6. Humoral Tolerance to Murine Cardiac Allografts by Targeting the Critical Homeostatic Regulator of B-Lymphocyte Selection, BlyS-BAFF**
Hooman Noorchashm
Brigham and Women's Hospital
Invited Discussant: Pirooz Eghtesady

L7. Ex Vivo Lung Perfusion with Concomitant Adenosine 2A Receptor Agonism Treatment Provides a Superior Strategy for Non-Heart-Beating Lung Rehabilitation

Matthew L. Stone
University of Virginia

Invited Discussant: TBD

L8. Resveratrol Regulates Autophagy Signaling in Chronically Ischemic Myocardium

Ashraf A. Sabe
Warren Alpert Medical School Brown University

Invited Discussant: Michael P. Fischbein

5:00 p.m. ADJOURN

MONDAY, MAY 6, 2013

7:30 a.m.

Business Session (AATS Members Only)
Auditorium, Minneapolis Convention Center

7:45 a.m.

PLENARY SCIENTIFIC SESSION

(8 minute presentation, 12 minute discussion)

Moderators: Hartzell V. Schaff
Thoralf M. Sundt, III

1. Reduced Anticoagulation After Mechanical Aortic Valve Replacement: Interim Results from the PROACT Randomized FDA IDE Trial

John D. Puskas
Emory University

Invited Discussant: A. Pieter Kappetein

2. Technical Performance Scores Are Strongly Associated with Early Mortality, Postoperative Adverse Events and Length of Stay – Analysis of Consecutive Discharges over 1 Year

Meena Nathan
Children's Hospital Boston

Invited Discussant: Christopher A. Caldarone

3. Minimal Dose Computed Tomography Is Superior to Chest X-ray for the Follow-up and Treatment of Patients with Resected Lung Cancer

Wael C. Hanna
University of Toronto

Invited Discussant: Michael T. Jaklitsch



4. Single High Dose of Erythropoietin Two Days Before Surgery: A Simplified Short Term Approach to Blood Spare

Luca Weltert

European Hospital

Invited Discussant: Victor A. Ferraris

9:05 a.m. AWARD PRESENTATIONS

9:20 a.m. BREAK – VISIT EXHIBITS

Exhibit Hall, Minneapolis Convention Center

10:00 a.m.

BASIC SCIENCE LECTURE

“Update on Surgical-Pathologic Correlates of Valvular Heart Disease”

William D. Edwards, *Mayo Clinic*

Introduced By: Hartzell V. Schaff

10:40 a.m.

PLENARY SCIENTIFIC SESSION

Moderators: Hartzell V. Schaff

Thoralf M. Sundt, III

5. VATS Lobectomy Is Not Associated with Prohibitive Morbidity or Mortality in Patients with Predicted Post-Operative FEV1 (ppoFEV1) Less Than 40% of Normal: A Society of Thoracic Surgeons Database Analysis

Bryan M. Burt

Stanford University

Invited Discussant: David C. Rice

6. Early Clinical Outcome of Transcatheter Valve-in-Valve Implantation in the Nordic Countries

Leo Ihlberg

Helsinki University Hospital, Helsinki, Finland

Invited Discussant: Mathew R. Williams

11:25 a.m.

PRESIDENTIAL ADDRESS

“On Leadership and Scholarship – Unintended Consequences, Unexpected Opportunity”

Hartzell V. Schaff

Introduced By: David J. Sugarbaker

12:15 p.m. ADJOURN FOR LUNCH – VISIT EXHIBITS

Exhibit Hall, Minneapolis Convention Center

MONDAY AFTERNOON, MAY 6, 2013

SIMULTANEOUS SCIENTIFIC SESSIONS

2:00 p.m.

**ADULT CARDIAC SURGERY SIMULTANEOUS
SCIENTIFIC SESSION**

Auditorium, Minneapolis Convention Center
(8 minute presentation, 12 minute discussion)

Moderators: Ralph J. Damiano, Jr.
Harold L. Lazar

7. The Ross Procedure: Outcomes at 20 Years

David E. Tirone
University of Toronto

Invited Discussant: *Nicholas T. Kouchoukos*

**8. Incidence and Progression of Mild Aortic
Regurgitation After Valve-Sparing Aortic Root
Replacement**

Elizabeth H. Stephens
Stanford University

Invited Discussant: *Leonard N. Girardi*

**9. Expanding Relevance of Aortic Valve Repair – Is
Earlier Operation Indicated?**

Suri M. Rakesh
Mayo Clinic

Invited Discussant: *Hans-Joachim Schaefers*

3:00 p.m. BREAK – VISIT EXHIBITS

Exhibit Hall, Minneapolis Convention Center

3:35 p.m.

**ADULT CARDIAC SURGERY SIMULTANEOUS
SCIENTIFIC SESSION**

Moderators: Ralph J. Damiano, Jr.
Harold L. Lazar

**10. The Impact of the Cox-Maze Procedure for Atrial
Fibrillation Concomitant to Mitral and Tricuspid
Valve Surgery**

Niv Ad
Inova Heart and Vascular Institute
Invited Discussant: *Vinay Badwar*

**11. Should Paroxysmal Atrial Fibrillation Be Treated
During Cardiac Surgery?**

Patrick M. McCarthy
Northwestern University
Invited Discussant: *A. Mark Gillinov*



12. Preoperative Chronic Kidney Dysfunction: Does Transcatheter Aortic Valve Replacement Provide a Benefit Compared to Surgical Aortic Valve Replacement?

Tom C. Nguyen
Emory University

Invited Discussant: *Wilson Y. Szeto*

13. Long-Term Outcome After Surgery for Infective Endocarditis Complicated by Cerebral Embolism

Martin Misfeld
Heart Center Leipzig, University of Leipzig, Leipzig, Germany

Invited Discussant: *Marc Ruel*

LATE-BREAKING CLINICAL TRIAL

LB1. The DISCOVER CE Trial: Multicenter Prospective Trial of the Direct Flow Medical Transcatheter Aortic Valve

E. Murat Tuzcu
Cleveland Clinic

5:15 p.m. ADJOURN

MONDAY AFTERNOON, MAY 6, 2013

SIMULTANEOUS SCIENTIFIC SESSIONS

2:00 p.m.

CONGENITAL HEART DISEASE SIMULTANEOUS SCIENTIFIC SESSION

101 B, Minneapolis Convention Center
(8 minute presentation, 12 minute discussion)

Moderators: Pedro J. del Nido
Christopher A. Caldarone

14. Does Limited Right Ventriculotomy Prevent Right Ventricular Dilatation and Dysfunction in Patients Who Undergo Transannular Repair of Tetralogy of Fallot?: Matched Comparison of Magnetic Resonance Imaging Parameters with Conventional Right Ventriculotomy Long-Term After Repair

Cheul Lee
Sejong General Hospital, Bucheon, Republic of Korea

Invited Discussant: *Tom R. Karl*

15. The Balloon Dilation of the Pulmonary Valve During Early Repair of Tetralogy of Fallot: Mid-Term Results

Vladimiro Vida
University of Padua, Padua, Italy
Invited Discussant: Frank L. Hanley

16. The Use of the Berlin Heart EXCOR in Patients with Functional Single Ventricle

Samuel Weinstein
Montefiore Medical Center
Invited Discussant: David L. Morales

17. Incidence and Treatment of Chylothorax After Cardiac Surgery in Children: Analysis of a Large Multinstitutional Database

Carlos M. Mery
Texas Children's Hospital
Invited Discussant: Glen Van Arsdell

3:20 p.m. BREAK – VISIT EXHIBITS
Exhibit Hall, Minneapolis Convention Center

3:55 p.m. CONGENITAL HEART DISEASE SIMULTANEOUS SCIENTIFIC SESSION

Moderators: Pedro J. del Nido
Christopher A. Caldarone

18. Management of Tricuspid Valve Regurgitation in Patients with Congenital Heart Disease: Is Survival Better with Valve Repair?

Sameh M. Said
Mayo Clinic
Invited Discussant: Charles D. Fraser

19. Paracorporeal Lung Assist Devices As a Bridge to Recovery or Lung Transplant in Neonates and Young Children

David M. Hoganson
Washington University
Invited Discussant: Mark D. Rodefeld

20. Totally Thoracoscopic Repair of Ventricular Septal Defect Without Robotic Assistance: A Single-Center Experience

Zengshan Ma
Liaocheng Hospital, Liaocheng, China
Invited Discussant: William M. DeCamp

5:00 p.m. ADJOURN



MONDAY AFTERNOON, MAY 6, 2013

SIMULTANEOUS SCIENTIFIC SESSIONS

2:00 p.m.

**GENERAL THORACIC SURGERY SIMULTANEOUS
SCIENTIFIC SESSION**

101 E, Minneapolis Convention Center

(8 minute presentation, 12 minute discussion)

Moderators: Harvey I. Pass
David R. Jones

**21. Prediction of Major Cardiovascular Events After
Lung Resection Using a Modified Scoring System: a
Society of Thoracic Surgeons Database Analysis**

Mark K. Ferguson

The University of Chicago

Invited Discussant: *Christine Lau*

**22. Long-Term Outcome After Laparoscopic Myotomy
for Achalasia**

Pradheep Krishnamohan

Mayo Clinic

Invited Discussant: *Bryan F. Meyers*

**23. Sub-Lobar Resection Is Equivalent to Lobectomy
for Clinical Stage 1a Lung Cancer: An Analysis of
I-ELCAP Resected Cancers**

Nasser K. Altorki

Weill Cornell Medical Center

Invited Discussant: *Joseph S. Friedberg*

**24. Wedge Resection Margin Length and Clinical
Outcome in Small \leq 2 cm Non-Small Cell Lung
Cancer**

Kamran Mohiuddin

Brigham and Women's Hospital

Invited Discussant: *Joshua S. Sonett*

3:20 p.m. BREAK – VISIT EXHIBITS

Exhibit Hall, Minneapolis Convention Center

3:55 p.m.

**GENERAL THORACIC SURGERY SIMULTANEOUS
SCIENTIFIC SESSION**

Moderators: Harvey I. Pass
David R. Jones

**25. Pulmonary Artery Pressure Changes Differentially
Effect Survival in Pulmonary Hypertension and
Chronic Obstructive Pulmonary Disease Transplant
Recipients: An Analysis of the UNOS STAR Registry**

Kathryn O'Keefe
Ohio State University

Invited Discussant: Thomas K. Waddell

**26. Lung Volume Reduction Surgery: An Underutilized
Procedure**

Stephen R. Hazelrigg
Southern Illinois University

Invited Discussant: Malcolm M. DeCamp

**27. Survivorship After Surgical Resection for Cancer:
The Need for Continued Surgical Follow-Up**

Mira A. Patel
Johns Hopkins University

Invited Discussant: M. Blair Marshall

LATE-BREAKING CLINICAL TRIAL

**LB2. Chemotherapy followed by Surgery on the Basis of
Biomarker Examination for Initially Unresectable
Non-Small Cell Lung Cancer (NSCLC) Patients**

Hiriyasu Yokomise
Kagawa University Hospital, Kita-gun, Japan

5:15 p.m. ADJOURN



MONDAY AFTERNOON, MAY 6, 2013

SIMULTANEOUS SCIENTIFIC SESSIONS

2:00 p.m.

**PERIOPERATIVE CARE SIMULTANEOUS
SCIENTIFIC SESSION**

Auditorium Room 1, Minneapolis Convention Center
(8 minute presentation, 12 minute discussion)

Moderators: Lyle D. Joyce
Harold M. Burkhart

**28. Relative Amplitude Index: A New Tool for Prediction
of the Impact of Periprosthetic Regurgitation
on Outcome After Transcatheter Aortic Valve
Implantation**

Nikolaos Bonaros
Innsbruck Medical University

Invited Discussant: Rakesh M. Suri

**29. Efficacy of Immunomodulation in the Treatment of
Profound Thrombocytopenia After Adult Cardiac
Surgery**

J. Scott Rankin
Vanderbilt University

Invited Discussant: Nevin M. Katz

**30. Relationship Between Perioperative Corticosteroid
Drug Levels and Adrenal Response for Infants
Following Cardiopulmonary Bypass**

Sheri S. Crow
Mayo Clinic

Invited Discussant: Olaf Reinhartz

**31. Prospective Evaluation of Patients Readmitted
After Cardiac Surgery: Analysis of Outcomes and
Identification of Risk Factors**

Hersh S. Maniar
Washington University

Invited Discussant: Anelechi C. Anyanwu

3:20 p.m. BREAK – VISIT EXHIBITS

Exhibit Hall, Minneapolis Convention Center

3:55 p.m.

**PERIOPERATIVE CARE SIMULTANEOUS
SCIENTIFIC SESSION**

Moderators: Lyle D. Joyce
Harold M. Burkhart

**32. Diffusion-Weighted Magnetic Resonance Imaging
Lesions After Repair of Acute Type A Aortic
Dissection: Association with Neurocognitive
Outcomes**

Suk-Won Song

*Gangnam Severance Hospital, Yonsei University College of
Medicine, Seoul, Republic of Korea*

Invited Discussant: Lars G. Svensson

**33. Evaluation of Dynamic Intimal Flap Movement in
Acute Stanford Type B Aortic Dissections (ATBD)
Before and After TEVAR**

Frank R. Arko, III

Sanger Heart and Vascular Society

Invited Discussant: Alberto Pochettino

**34. The Effect of Tidal Volume on Pulmonary
Complications following Minimally Invasive
Esophagectomy: A Randomized and Controlled
Study**

Yaxing Shen

Zhongshan Hospital of Fudan University, Shanghai, China

Invited Discussant: David H. Harpole, Jr.

LATE-BREAKING CLINICAL TRIAL

**LB3. Analgesia in Thoracotomy Patients: Epidural vs.
Paravertebral Technique – A Randomized, Double-
Blind, Prospective Study**

Federico Raveglia

Università degli Studi di Milano, Milan, Italy

5:15 p.m.

ADJOURN



TUESDAY MORNING, MAY 7, 2013

7:00 a.m.

CARDIAC SURGERY FORUM

*Auditorium Room 1, Minneapolis Convention Center
(5 minute presentation, 5 minute discussion)*

Moderators: Y. Joseph Woo
Gorav Ailawadi

- F1. Endovascular Coil Embolization of Segmental Arteries Prevents Paraplegia After Subsequent Hybrid TAAA Repair – An Experimental Model**
Sarah Geisbüsch
Mount Sinai Medical Center
Invited Discussant: Joseph S. Coselli
- F2. Conventional Surgery, Sutureless Valves and Trans-Apical Aortic Valve Replacement: What Is the Best Option in Patients with Aortic Valve Stenosis? A Multicenter Propensity-Matched Analysis**
Augusto D'Onofrio
University of Padova, Padova, Italy
Invited Discussant: Michael A. Borger
- F3. Outcomes of Surgical Aortic Valve Replacement in Moderate Risk Patients: Implications for Determination of Equipoise in the Transcatheter Era**
Sebastian A. Iturra
Mayo Clinic
Invited Discussant: Kenton J. Zehr
- F4. Platelet Activity Measured by a Rapid Turnaround Assay Identifies CABG Patients at Increased Risk for Bleeding and Transfusion Complications Following Clopidogrel Administration**
Todd K. Rosengart
Baylor College of Medicine
Invited Discussant: Song Wan
- F5. The Challenge of Achieving 1% Operative Mortality for Coronary Artery Bypass Grafting: A Multi-Institution Society of Thoracic Surgeons Database Analysis**
Damien J. LaPar
University of Virginia
Invited Discussant: Todd K. Rosengart

F6. Arterial Grafts Balance Survival between Incomplete and Complete Revascularization: A series of 956 Consecutive Coronary Artery Bypass Graft Patients with 98% Arterial Grafts

Teresa Kieser

University of Calgary, Calgary, AB, Canada

Invited Discussant: Philip A. Hayward

F7. Protecting the Aged Heart During Cardiac Surgery: Use of del Nido Cardioplegia Provides Superior Functional Recovery in Isolated Hearts

Arun Govindapillai

Dalhousie University, Halifax, NS, Canada

Invited Discussant: J. William Gaynor

F8. Surgical Ablation for Atrial Fibrillation Over Two Decades: Are Results of New Techniques Equivalent to the Cox-Maze III Procedure?

John M. Stulak

Mayo Clinic

Invited Discussant: Ralph J. Damiano, Jr.

F9. Incidence of Pump Failure and Change in Continuous Flow Left Ventricular Assist Devices

Edward R. Stephenson, Jr.

Penn State/Milton S Hershey Medical Center

Invited Discussant: John V. Conte

F10. Impact of Concurrent Surgical Valve Procedures in Patients Receiving Continuous-Flow LVADs

Ranjit John

University of Minnesota

Invited Discussant: Michael A. Acker

TUESDAY MORNING, MAY 7, 2013

7:00 a.m.

GENERAL THORACIC SURGERY FORUM

101 E, Minneapolis Convention Center

(5 minute presentation, 5 minute discussion)

Moderators: Frank D'Ovidio
Gunda Leschber

F11. Expansile Nanoparticles Chemotherapeutic Delivery Prolongs Survival of Human Malignant Pleural Mesothelioma in *In Vivo* Model

Rong Liu

Brigham and Women's Hospital

Invited Discussant: Marc de Perrot



F12. Inhibition of the Hedgehog (HH) Signal Transduction Pathway Significantly Suppresses Survival of Malignant Pleural Mesothelioma (MPM) Cells *In Vitro*

Dao M. Nguyen
University of Miami

Invited Discussant: Jules Lin

F13. Interaction Networks of microRNA and Genes in Malignant Mesothelioma

Chuong D. Hoang
Stanford University

Invited Discussant: David S. Schrupp

F14. Disseminated Tumor Cell Detection in Lung Cancer Patients by Multi-Marker qPCR Analysis of Bone Marrow

Christopher J. Agrusa
Weill Cornell Medical College, New York-Presbyterian Hospital

Invited Discussant: Dao M. Nguyen

F15. In the Hunt for Therapeutic Targets: Mimicking Growth and Metastasis of Early-Stage Human Lung Cancer Using A Novel Orthotopic Animal Model

Ori Wald
Hadassah Medical Center, Jerusalem, Israel

Invited Discussant: Sai Yendamuri

F16. Pro-Tumorigenic Cancer-Associated Fibroblasts Are Tumor-Activated Resident Lung Fibroblasts that Are Not Confined to the Tumor Microenvironment in NSCLC Patients

Gregory G. Salzler
New York Presbyterian Hospital/Weill Cornell Medical College

Invited Discussant: Alexander S. Krupnick

F17. A Novel Sphingosine 1-Phosphate Analog Provides Protection from Lung Ischemia-Reperfusion Injury

Stephen D. Cossini
University of Virginia

Invited Discussant: Joseph B. Zwischenberger

F18. Effect of Inhaled Tacrolimus on Ischemia Reperfusion Injury in Rat Lung Transplant Model

Johanna Bayer
UTHSCSA

Invited Discussant: Joseph B. Zwischenberger

F19. Treatment with Placenta-Derived Mesenchymal Stem Cells Mitigates Development of Bronchiolitis Obliterans in a Murine Model

Jacob R. Gillen

University of Virginia

Invited Discussant: *Daniel Kreisel*

TUESDAY MORNING, MAY 7, 2013

PLENARY SCIENTIFIC SESSION

8:45 a.m.

PLENARY SCIENTIFIC SESSION

Auditorium, Minneapolis Convention Center

(8 minute presentation, 12 minute discussion)

Moderators: Hartzell V. Schaff
Thoralf M. Sundt, III

35. American Board of Thoracic Surgery Examination: Fewer Graduates, More Failures

Moffatt-Bruce Susan

The Ohio State University

Invited Discussant: *Richard J. Shemin*

36. FFR-Guided CABG: Can Intra-Operative Imaging Guide the Decision-Making?

T. Bruce Ferguson, Jr.

East Carolina Heart Institute

Invited Discussant: *Joseph F. Sabik*

37. Inter-Surgeon Variability in Long-Term Outcomes After Transatrial Repair of Tetralogy of Fallot: 25 Years Experience with 675 Patient

Yves d'Udekem

The Royal Children's Hospital

Invited Discussant: *Marshall L. Jacobs*

38. Clinical Evaluation of Functional Mitral Stenosis After Mitral Valve Repair for Degenerative Disease: Potential Impact on Surgical Strategy

Thierry Mesana

University of Ottawa Heart Institute, Ottawa, ON, Canada

Invited Discussant: *David H. Adams*

10:05 a.m. AWARD PRESENTATIONS

10:15 a.m. BREAK – VISIT EXHIBITS

Exhibit Hall, Minneapolis Convention Center



10:40 a.m.

PLENARY SCIENTIFIC SESSION

Auditorium, Minneapolis Convention Center

(8 minute presentations, 12 minute discussion)

Moderators: Hartzell V. Schaff
Thoralf M. Sundt, III

**39. Patterns of First Recurrence and Survival
Comparison Between Surgical Resection and
Stereotactic Body Radiation Therapy for Stage I
Non-Small Cell Lung Cancer**

Traves D. Crabtree
Washington University

Invited Discussant: *James D. Luketich*

**40. The Second Best Arterial Graft: A Propensity
Analysis of the Radial Artery versus the Right
Internal Thoracic Artery to Bypass the Circumflex
Coronary Artery**

Robert F. Tranbaugh
Beth Israel Medical Center

Invited Discussant: *James Tatoulis*

**41. Parameters for Successful Non-Operative
Management of Traumatic Aortic Injury**

Joseph Rabin
University of Maryland

Invited Discussant: *Thomas E. MacGillivray*

11:40 a.m.

HONORED SPEAKER LECTURE

**Interview with former Vice President Dick Cheney:
Personal Reflections on Cardiac Surgery**

The Honorable Richard B. Cheney
Former Vice President of the United States of America

Introduced By: Hartzell V. Schaff

12:30 p.m. ADJOURN FOR LUNCH – VISIT EXHIBITS

Exhibit Hall, Minneapolis Convention Center

TUESDAY AFTERNOON, MAY 7, 2013

SIMULTANEOUS SCIENTIFIC SESSIONS

2:00 p.m.

**ADULT CARDIAC SURGERY SIMULTANEOUS
SCIENTIFIC SESSION**

Auditorium, Minneapolis Convention Center
(8 minute presentation, 12 minute discussion)

Moderators: David C. McGiffin
A. Pieter Kappetein

**42. Understanding Variability in Hospital-Specific Costs of
CABG Represents an Opportunity for Standardizing
Care and Improving Resource Utilization**

Arman Kilic
Johns Hopkins Hospital

Invited Discussant: T. Bruce Ferguson

**43. Age-Cut Off for the Loss of Survival Benefit from
Radial Artery As Second Conduit in Coronary Artery
Bypass Grafting**

Umberto Benedetto
St. Andrea Hospital – University of Rome, Rome, Italy

Invited Discussant: Stephen E. Fremes

**44. Assessment of Coronary Artery Disease Risk in 5,463
Patients Undergoing Cardiac Surgery – When Is
Preoperative Coronary Angiography Necessary?**

Nassir M. Thalji
Mayo Clinic

Invited Discussant: Jennifer S. Lawton

3:00 p.m. BREAK – VISIT EXHIBITS

Exhibit Hall, Minneapolis Convention Center

3:45 p.m.

**ADULT CARDIAC SURGERY SIMULTANEOUS
SCIENTIFIC SESSION**

Moderators: David C. McGiffin
A. Pieter Kappetein

**45. Carotid Artery Stenosis in CABG Patients with
History of Neurologic Event**

Keiji Oi
Hokushin General Hospital, Nakano-shi, Nagano, Japan

Invited Discussant: Edward Y. Sako



46. Impact of ABO Compatibility on Heart Transplantation Outcomes in a Nationwide Cohort Study Over the Last Decade

Oliver K. Jawitz
Yale School of Medicine

Invited Discussant: *Nader Moazami*

47. Outcomes with Continuous Flow Left Ventricular Assist Devices for Destination Therapy

Mani A. Daneshmand
Duke University

Invited Discussant: *Matthias Loebe*

LATE-BREAKING CLINICAL TRIAL

LB4. Differences in Outcomes in Females Undergoing Transcatheter Aortic Valve Replacement Compared to Surgical Aortic Valve Replacement in the PARTNER Trial

Mathew R. Williams
Columbia University

5:15 p.m. EXECUTIVE SESSION (AATS Members Only)
Auditorium, Minneapolis Convention Center

TUESDAY AFTERNOON, MAY 7, 2013

SIMULTANEOUS SCIENTIFIC SESSIONS

2:00 p.m.
CONGENITAL HEART DISEASE SIMULTANEOUS SCIENTIFIC SESSION

101 B, Minneapolis Convention Center
(8 minute presentation, 12 minute discussion)

Moderators: V. Mohan Reddy
Carl L. Backer

48. Neurodevelopmental Outcomes in Preschool Survivors of the Fontan Procedure

J. William Gaynor
Children's Hospital of Philadelphia
Invited Discussant: *Frank A. Pigula*

49. Left Thoracoscopic Sympathectomy for Cardiac Denervation in Children with Life-threatening Ventricular Arrhythmias

Sophie C. Hofferberth
Boston Children's Hospital
Invited Discussant: *Joseph A. Dearani*

50. Cardiac Progenitor Cells in Patients with Hypoplastic Left Heart Syndrome

Sano, Shunji
Okayama University, Okayama, Japan

Invited Discussant: Richard D. Weisel

3:00 p.m. BREAK – VISIT EXHIBITS

Exhibit Hall, Minneapolis Convention Center

3:45 p.m.

**CONGENITAL HEART DISEASE SIMULTANEOUS
SCIENTIFIC SESSION**

Moderators: V. Mohan Reddy
Carl L. Backer

51. Outcomes of Slide Tracheoplasty for Long Segment Congenital Tracheal Stenosis: A 17-Year Experience

Colin Butler
Great Ormond Street Hospital, London, United Kingdom

Invited Discussant: Carl L. Backer

52. Valve-Sparing Aortic Root Replacement and Remodeling with Complex Aortic Valve Reconstruction in Children and Young Adults with Moderate or Severe Aortic Regurgitation

Patrick O. Myers
Boston Children's Hospital & Harvard Medical School

Invited Discussant: Duke E. Cameron

53. Perioperative Mechanical Circulatory Support in Children Undergoing Heart Surgery: An Analysis of the Society of Thoracic Surgeons (STS) Congenital Heart Surgery Database

Christopher E. Mascio
University of Louisville

Invited Discussant: Jennifer C. Hirsch

LATE-BREAKING CLINICAL TRIAL

LB5. TOF Correction in Low Z-Scores: Expanding the Use of the Valve-Sparing Approach

Sabrina Anne Gutierrez Gonzalez
University of the Philippines, Quezon City, Philippines

5:15 p.m. EXECUTIVE SESSION (AATS Members Only)

Auditorium, Minneapolis Convention Center



TUESDAY AFTERNOON, MAY 7, 2013

SIMULTANEOUS SCIENTIFIC SESSIONS

2:00 p.m.

**GENERAL THORACIC SURGERY SIMULTANEOUS
SCIENTIFIC SESSION**

101 E, Minneapolis Convention Center

(8 minute presentation, 12 minute discussion)

Moderators: Raphael Bueno
Joshua R. Sonett

**54. Induction Chemoradiotherapy Followed by Surgical
Resection for Locally Advanced Thymoma and
Thymic Carcinoma: Initial Results of a Phase II,
Multi-institutional Clinical Trial**

Robert J. Korst

*The Daniel and Gloria Blumenthal Cancer Center, Valley
Health System*

Invited Discussant: Frank C. Detterbeck

**55. Has PET/CT Decreased the Rate of Lung Resection
for Benign Solitary Pulmonary Nodules?**

Mario D. Teran

Johns Hopkins University

Invited Discussant: Traves D. Crabtree

**56. Marginal Pulmonary Function Should Not Preclude
Lobectomy for Patients with Non-Small Cell Lung
Cancer**

Matthew D. Taylor

University of Virginia

Invited Discussant: Yolonda L. Colson

3:00 p.m. BREAK – VISIT EXHIBITS

Exhibit Hall, Minneapolis Convention Center

3:45 p.m.

**GENERAL THORACIC SURGERY SIMULTANEOUS
SCIENTIFIC SESSION**

Moderators: Raphael Bueno
Joshua R. Sonett

**57. Aggressive and Minimally Invasive Surgery Is
Justified for Pulmonary Metastasis of Sarcoma**

Joseph A. Reza

University of California, San Francisco

Invited Discussant: Kenneth A. Kesler

58. The Incidence of Lymph Node Metastases and Factors Affecting Long-Term Survival After Pulmonary Metastasectomy for Colorectal Cancer

Servet Bölükbas

Dr. Horst Schmidt Klinik, Wiesbaden, Germany

Invited Discussant: *Gaetano Rocco*

59. Years Experience with Extra Corporeal Life Support for Adult Respiratory Failure: Evolution of Indications, Techniques and Outcomes

Marcelo Cypel

University of Toronto

Invited Discussant: *Dirk E. Van Raemdonck*

LATE-BREAKING CLINICAL TRIAL

LB6. Long-Term Surgical Outcomes of 1018 Patients with Early Stage NSCLC in ACOSOG Z0030 Trial

Stacey Su

Fox Chase Cancer Center

5:15 p.m. EXECUTIVE SESSION (AATS Members Only)
Auditorium, Minneapolis Convention Center

TUESDAY AFTERNOON, MAY 7, 2013

SIMULTANEOUS SCIENTIFIC SESSIONS

2:00 p.m.

AORTIC/ENDOVASCULAR SURGERY

SIMULTANEOUS SCIENTIFIC SESSION

Auditorium Room 1, Minneapolis Convention Center

(8 minute presentation, 12 minute discussion)

Moderators: Marc R. Moon
Leonard N. Girardi

60. Early and One-Year Outcomes of Aortic Root Surgery in Marfan Syndrome Patients: A Prospective Multi-Center Comparative Study

Joseph S. Coselli

Baylor College of Medicine and Texas Heart Institute at St. Luke's Episcopal Hospital

Invited Discussant: *Robert D. Stewart*



61. Management of Moderately Dilated Ascending Aorta during Aortic Valve Replacement: Valve Replacement Alone versus Aorta Wrapping Versus Aorta Replacement

Joon Bum Kim

University of Ulsan College of Medicine, Asan Medical Center, Seoul, Republic of Korea

Invited Discussant: Thoralf M. Sundt, III

62. The Impact of Unilateral Versus Bilateral Antegrade Cerebral Perfusion on Surgical Outcomes Following Aortic Arch Replacement: A Propensity Matched Analysis

Andreas Zierer

Johann-Wolfgang-Goethe University Frankfurt/Main, Frankfurt Main, Germany

Invited Discussant: Ehud Raanani

3:00 p.m. BREAK – VISIT EXHIBITS

Exhibit Hall, Minneapolis Convention Center

3:45 p.m.

AORTIC/ENDOVASCULAR SURGERY SIMULTANEOUS SCIENTIFIC SESSION

Moderators: Marc R. Moon
Leonard N. Girardi

63. Antegrade Thoracic Stent Grafting During Repair of Acute DeBakey I Dissection Promotes Distal Aortic Remodeling and Reduces Late Open Reoperation Rate

Prashanth Vallabhajosyula

Hospital of the University of Pennsylvania

Invited Discussant: G. Chad Hughes

64. Midterm Results of Emergency Endovascular Stent-Grafting in Acute Complicated Type B Dissection: A Multicenter Analysis

Dominik Wiedemann

Vienna Medical University, Vienna, Austria

Invited Discussant: Thomas G. Gleason

65. Pre-Operative Percutaneous Coronary Intervention in Patients Undergoing Open Thoracoabdominal and Descending Thoracic Aneurysm Repair

Leonard N. Girardi

Weill Cornell Medical College

Invited Discussant: Anthony L. Estrera

5:15 p.m. EXECUTIVE SESSION (AATS Members Only)

Auditorium, Minneapolis Convention Center

WEDNESDAY MORNING, MAY 8, 2013

7:00 a.m.

EMERGING TECHNOLOGIES AND TECHNIQUES FORUM

Auditorium, Minneapolis Convention Center
(6 minute presentation, 5 minute discussion)

Moderators: Mathew R. Williams
Vivek Rao

- T1. Repair of Mitral Valve Prolapse with a Novel Leaflet Plication Clip in an Animal Model**
Eric N. Feins
Boston Children's Hospital, Harvard Medical School
- T2. Correction of Mitral Valve Regurgitation by Off-Pump, Trans-Apical Placement of Artificial Chordae Tendinae: Results of the European TACT Trial**
Giovanni Speziali
University of Pittsburgh
- T3. One Year Follow-Up After Transumbilical Thoracic Sympathectomy for Hyperhidrosis: Outcomes and Consequences**
Weisheng Chen
Fuzhou General Hospital, Fuzhou, China
- T4. Thoracic Aortic Endografting Facilitates the Resection Of Tumors Infiltrating the Aorta**
Stéphane Collaud
Toronto General Hospital, Toronto, ON, Canada
- T5. A New Zero Ischemia Coronary Anastomotic Connector**
David Stecher
UMC Utrecht, Utrecht, Netherlands
- T6. Final Results of the Minimally Invasive Coronary Artery Bypass Angiographic Graft Patency Study**
Marc Ruel
University of Ottawa, Ottawa, ON, Canada
- T7. Mid-Term Results and Complications of Per-Ventricular and Surgical Closure of Doubly Committed Subarterial Ventricular Septal Defects: A Retrospective Comparative Study**
Qi An
West China hospital of S.C.U, Chengdu, China



- T8. Hemodynamic Outcomes of Geometric Ring Annuloplasty for Aortic Valve Repair: Results of a Pilot Trial**
Domenico Mazzitelli
German Heart Center Munich, Munich, Germany
- T9. A Physiological, Pulsatile Driver for Continuous Flow Left Ventricular Assist Device (LVAD): Innovation Using an Implantable Ultra-compact Microcontroller with a Wireless Graphical User Interface**
Sam Asgari
Artificial Heart Laboratory, Yale School of Medicine, New Haven, CT, USA
- T10. Transapical Cardioscopic Surgery**
Theo Kofidis
National University Health System, Singapore, Singapore

WEDNESDAY MORNING, MAY 8, 2013

CONTROVERSIES SESSIONS

9:00 a.m.
CONTROVERSIES IN CARDIOTHORACIC SURGERY
PLENARY SESSION

Auditorium, Minneapolis Convention Center

9:00 a.m. – 10:00 a.m.

Topic: The Best Care for Critical Care Patients Is a Closed Unit Run by Intensivists

Moderator: Nevin Katz

Pro: TBD

Con: John Puskas

ADULT CARDIAC CONTROVERSIES

Auditorium, Minneapolis Convention Center

10:00 a.m. – 11:00 a.m.

Topic: Antegrade Thoracic Stent Grafting During Repair of Acute DeBakey I Dissection Promotes Distal Aortic Remodeling and Reduces Late Open Reoperation Rate

Moderator: Joseph S. Coselli

Pro: Roberto Di Bartolomeo

Con: Steven Lansman

CONGENITAL CONTROVERSIES

101 B, Minneapolis Convention Center

10:00 a.m. – 11:00 a.m.

Topic: The Hybrid Procedure Should Only be Used for High Risk Patients

Moderator: James Tweddell

Pro: Charles B. Huddleston

Con: John P. Cheatham

GENERAL THORACIC CONTROVERSIES

101 E, Minneapolis Convention Center

10:00 a.m. – 11:00 a.m.

Topic: Thoracic Surgeons Should Follow Their Patients Forever

Moderator: David J. Sugarbaker

Pro: Scott Swanson

Con: Malcolm M. DeCamp, Jr.

TCT @ AATS: NEW TECHNOLOGIES FOR A NEW FUTURE

Auditorium Room 1, Minneapolis Convention Center

11:00 a.m. – 2:30 p.m.

Chairs: A. Marc Gillinov
Cleveland Clinic
Mathew R. Williams
Columbia University

Most contemporary surgical techniques and catheter-based approaches.

Emerging Treatments and Best Practices with CAD

11:00 a.m. Hybrid Revascularization: Why, When, and How

Joseph J. DeRose

11:10 a.m. Robotic Revascularization: Gimmick or True Benefit?

Jeffrey D. Lee

11:20 a.m. FREEDOM, SYNTAX, now EXCEL . . . When Will It End?

Joseph F. Sabik

11:30 a.m. Whatever Happened to OPCAB?

John D. Puskas



**11:40 a.m. The Most Exciting New Technologies
(Excluding Valves) in the Cath Lab and Their
Impact on the Future**

Saibal Kar

11:50 a.m. Q&A

Treatment of Aortic Valve Disease

**11:55 a.m. Almost 4 Years After PARTNER . . . What are
Our Most Valuable Lessons?**

Susheel Kodali

12:05 p.m. Its About the Patient . . . Not the Access Route!

Hendrik Treede

**12:15 p.m. Commercialization of TAVR in the US . . . What
Is the Strategy?**

Kristen Skelton

**12:25 p.m. They Are Paying Us What? Can TAVR Ever Be
Financially Viable?**

Wilson Y. Szeto

**12:35 p.m. You're Still Using That? Look What I am Doing.
TAVR in Europe**

Hendrik Treede

12:45 p.m. Minimally Invasive AVR Is Still a Great Option

Lars G. Svensson

12:55 p.m. Q&A

Treatment of Mitral Valve Disease

1:00 p.m. A Robotic Revolution?

A. Marc Gillinov

1:10 p.m. MitraClip: Why Isn't It Taking Off?

Saibal Kar

**1:20 p.m. Ischemic MR: What Do We Have and What Do
We Need?**

Michael A. Acker

**1:30 p.m. The Future of Transcatheter Mitral Disease
Will Be in Replacement, Not Repair**

Jose Navia

1:40 p.m. Q&A

How I Would Treat that Patient: Presentation of Interesting Cases to a Multidisciplinary Panel

Case Presenter: Isaac George

Multidisciplinary Panel: Mathew Williams, A. Marc Gillinov, Saibal Kar, Susheel Kodali, Jeffrey D. Lee, Jose Navia, Joseph F. Sabik, Wilson Y. Szeto, Hendrick Treede

- 1:45 p.m. Case 1: Aortic Valve Disease – Percutaneous or Surgical Treatment?**
- 1:55 p.m. Case 2: Mitral Valve Disease – Percutaneous or Surgical Treatment?**
- 2:05 p.m. Case 3: Coronary Artery Disease – Percutaneous or Surgical Treatment?**
- 2:30 p.m. 93rd ANNUAL MEETING ADJOURNS**



AATS LEARNING CENTER – NEW THIS YEAR

Exhibit Hall, Aisle 400
Sunday, May 5th at 5:00 pm through Tuesday, May 7th

The AATS Learning Center features cutting edge Case Videos of novel procedures and surgical techniques, as well as highlights of the 2013 Mitral Conclave and the 2012 Aortic Symposium, updates on SYNTAX and FREEDOM Trials, Robotics in Cardiac Surgery and a Perioperative station.

Learning Center Program Guides including abstracts of all presentations will be available for distribution while viewing the videos.

LC1 – AORTIC/AORTIC VALVE THERAPIES

1) Apicoaortic Valved Conduit Implantation In Elderly Patients With Aortic Stenosis And Small Annulus

Giuseppe Filiberto Serraino, Federica Jiritano,
Michele Rossi, Lucia Cristodoro, Attilio Renzulli
UMG of Catanzaro, Catanzaro, Italy

2) Aortic Valve Repair and Remodeling Root Replacement for Aortic Root Aneurysm

J. Scott Rankin
Vanderbilt University

3) Novel Hybrid Technique for Chronic Distal Dissection with Aneurysmal Degeneration

Jahanaib Idrees, Eric E. Roselli
Cleveland Clinic Foundation

LC2 – TRANSCATHETER TECHNIQUES

1) A Novel Partial Circulatory Support Device: A Video Case Presentation

Renzo Cecere¹, Robert Dowling², Nadia Giannetti¹
¹*Royal Victoria Hospital, Montreal, QC, Canada;*
²*2DCI, Inc., Louisville, KY*

2) A Successful Case of Trans-Apical Mitral Valve Implantation in a Human: Opening the Path to Twin Valve Implantation

Espeed Khoshbin¹, Vaikom Mahadevan²,
Bernard Clarke², Ragheb Hasan¹
¹*Manchester Royal Infirmary, Manchester, United Kingdom;*
²*Manchester Royal Infirmary, Manchester, United Kingdom*

3) What Can We Expect from Trans-Catheter Heart Valve Replacement? Complications and Non-Conventional Cases

Augusto D'Onofrio¹, Michele Gallo¹, Roberto Bianco¹,
Giuseppe Tarantini², Massimo Napodano², Andrea Colli¹,
Giambattista Isabella², Sabino Iliceto², Gino Gerosa¹

¹University of Padova, Padova, Italy; ²University of Padova,
Padova, Italy

LC3 – ESOPHAGUS

1) Robotic Belsey Fundoplication: Case Report and Techniques

David B. Graham
University of Texas Southwestern

2) Modified 3-Hole Minimally Invasive Esophagectomy

Raphael Bueno, Jon O. Wee, Abraham Lebenthal
Brigham and Women's Hospital

3) Minimally Invasive Ivor Lewis Esophagectomy

Armin Kiankhooy, Matthew Taylor, David R. Jones
University of Virginia

4) Thoroscopic Resection of a Giant Esophageal Leiomyoma

Todd L. Demmy, Mark Hennon
Roswell Park Cancer Institute

LC4 – LUNG, CHEST WALL, AND MEDIASTINUM

1) The Technique of Embryonic Natural Orifice Transumbilical Endoscopic Thoracic Sympathectomy

Weisheng Chen, Li-Huan Zhu, Jixue Zhang, Long Chen,
Shengsheng Yang
Fuzhou General Hospital, Fuzhou, China

2) Management of Flail Chest with Rib Plating "A Novel Surgical Approach to the Treatment of Flail Chest"

Marcelo C. DaSilva¹, Masatsugu Hamaji²,
Michael T. Jaklitsch¹
¹Brigham and Women's Hospital – Harvard Medical
School, Boston, MA; ²Kyoto University hospital, Kyoto,
Japan

3) Single-incision Video-Assisted Thoracoscopic Lobectomy

Hyun Koo Kim, Ho Kyung Sung, Young Ho Choi
College of Medicine, Korea University Guro Hospital,
Seoul, Republic of Korea



4) **Video Assisted Basilar Segmentectomy for Failed Stereotactic Body Radiation Therapy (Thyroid Metastasis)**

M. Blair Marshall
Georgetown University Hospital

LC5 – TRIALS – SYNTAX AND FREEDOM

1) **SYNTAX Trial**

A. Pieter Kappetein
Erasmus, Rotterdam, Netherlands

2) **FREEDOM Trial**

Hartzell V. Schaff
Mayo Clinic

LC6 – BEST OF AORTIC SYMPOSIUM 2012

1) **Hypothermia in Aortic Surgery**

Randall B. Griepp
Mount Sinai Medical Center

2) **Selective Cerebral Perfusion**

David Spielvogel
Westchester Medical Center

3) **The History of Aortic Surgery**

Joseph S. Coselli
Baylor College of Medicine

4) **Aortic Trauma**

Anthony L. Estrera
University of Texas at Houston Medical School

LC7 – BEST OF MITRAL CONCLAVE 2013

LC8 – CONGENITAL

1) **Sutureless Coronary Unroofing for Anomalous Origin Of The RCA**

Gabriel Loor, Robert Stewart, Gosta Pettersson
Cleveland Clinic

2) **Complex Pulmonary Atresia/VSD with Nonconfluent Pulmonary Arteries in an Adult : Single Stage Complete Repair**

Vijayakumar Raju, Burkhart Harold
Mayo Clinic

3) Type B Interrupted Right-Sided Aortic Arch

Mark E. Roeser, James Gangemi
University of Virginia

4) Selective Cerebro-Myocardial Perfusion in Hypoplastic Aortic Arch Repair

Massimo Caputo, William Lansdowne, Daniel Bone,
Laura Durham, Lee Jones, Andrew Wolf
Bristol Heart Institute, Bristol, United Kingdom

LC9 – ROBOTICS IN CARDIAC SURGERY

1) Totally Endoscopic Operation for Severe Left Ventricular Outflow Tract Obstruction Due to Abnormal Papillary Muscles

Alison F. Ward, Didier Loulmet, Patricia Ursomanno,
Eugene A. Grossi
NYU School of Medicine

2) Robotic Assisted Closure of Atrial Septal Defect

Desmond M. D'Souza, Marc Gillinov, Tomislav Mihaljevic
Cleveland Clinic

3) Case Video: Robotic Assisted Closure of Atrial Septal Defect

Marc Gillinov, Desmond D'Souza, Tomislav Mihaljevic
Cleveland Clinic

4) How I Do It

Rakesh M. Suri
Mayo Clinic, Rochester, MN, USA

5) How I Do It

W. Randolph Chitwood, Jr.
East Carolina University Brody School of Medicine

LC10 – PERIOPERATIVE CARE

1) Process Improvement

Joseph F. Sabik, III
Cleveland Clinic

2) Protocols and Outcomes for Blood Conservation

Mark H. Ereth
Mayo Clinic

3) Biventricular Pacing

Henry M. Spotnitz
New York Presbyterian



4) Economic Comparison of Hemostatic Agents in Cardiac Surgery

Scott Tackett¹, Rebecca Sugarman², Josephine Li-Mcleod¹, Huub Kreuwel¹, Piedad Alvarez², Giuseppe Nasso³

¹Baxter Healthcare Corporation, Westlake Village, CA, USA;

²United Biosource Corporation, Lexington, MA, USA; ³GVM Care & Research, Bari, Italy

AATS RESIDENT POSTER COMPETITION

Sponsored by the AATS Graham Research Foundation



Located in the Exhibit Hall, at the end of Aisles 1000 and 1200

Competition: Sunday, May 5th, 5:00 – 7:00 pm

Viewing Continues through Tuesday, May 7th

Take time to visit the **Poster Competition** presented by senior cardiothoracic surgery residents and congenital heart surgery fellows as they represent their institution in a scientific poster competition. All participating residents receive a travel stipend, as well as complimentary registration. 1st, 2nd and 3rd place winners in each subspecialty (cardiac, congenital, general thoracic) will be identified at 9:05 a.m. on Monday, May 6th during the award presentations.

CARDIAC POSTERS

P1 Short-term Outcomes for Endovascular vs. Open Repair of Thoracic Aortic Aneurysms Are Equivalent Through NSQIP

Resident: Alexander (Sasha) Kraev

Program Director: David D. Yuh

Yale University School of Medicine

P2 Obesity is Associated with Increased Rates of Revascularization in Coronary Artery Bypass Grafting Patients: A Large Cohort Study

Resident: Billie-Jean Martin

Program Director: Bill Kidd

Foothills Hospital

P3 Human Metabolically Active Brown Adipose Derived Stem Cells

Resident: Brandon Hill

Program Director: David Bull

University of Utah

- P4 The Impact of Blood Conservation on Outcomes in Adult Cardiac Surgery**
Resident: Christopher Lau
Program Director: Karl Krieger
New York Presbyterian Weil Cornell
- P5 Contemporary Use of Balloon Aortic Valvuloplasty in the Era of Transcatheter Aortic Valve Implantation**
Resident: Dawn Hui
Program Director: Craig Baker
University of Southern California
- P6 A Contemporary Approach to Re-Operative Aortic Valve Surgery: When is less, more**
Resident: Deane Smith
Program Director: Aubrey Galloway
NYU Medical Center
- P7 Complete Versus Incomplete Revascularization in Patients Undergoing Aortic Valve Replacement with Coronary Artery Disease**
Resident: Eric Griffiths
Program Director: Irving L. Kron
University of Virginia
- P8 Aortic Valve Replacement with Coronary Artery Disease**
Resident: Gabriel Loor
Program Director: Edward Soltesz
Cleveland Clinic
- P9 Outcomes of Thoracic Endograft Explanation and Open Repair of the Aorta: 7 Year Experience**
Resident: Gustavo Guajardo-Salinas
Program Director: Ara A. Vaporciyan
University of Texas MD Anderson Cancer Center
- P10 Assessment of Subclinical Carcinoid Heart Disease: Implications of Ventricular Long Axis Mechanics in Surgical Referral**
Resident: Javier G. Castillo
Program Director: David H. Adams
Mount Sinai Hospital
- P11 Aneurysms of the Ascending Aorta: Does Size Matter? An Argument for Biomechanics**
Resident: Jennifer Chung
Program Director: Kevin Lachapelle
McGill University Health Centre



- P12 Long-Term Outcomes in Thoracic Aortic Surgery: A Population-Based Study**
Resident: Jennifer Higgins
Program Director: Andrew Campbell
University of British Columbia
- P13 Design and Implementation of Focused Ultrasound Curriculum in a Cardiothoracic Surgery Residency**
Resident: Jennifer Worth
Program Director: Robert S.D. Higgins
Ohio State University
- P14 Operative Risk of Repeat Tricuspid Valve Replacement for Failed Tricuspid Valve Prostheses**
Resident: Juan Penaranda Canal
Program Director: Harold Burkhart
Mayo Clinic
- P15 Frozen Elephant Trunk Deployment Cuff**
Resident: Junewai Reoma
Program Director: Philip Hess
University of Florida
- P16 HMG-CoA Reductase Inhibitors Do Not Attenuate The Inflammatory Response Associated with Glutaraldehyde-Fixed Bioprosthetic Heart Valve Conduits**
Resident: Kanwal Kumar
Program Director: John Lee
University of Manitoba
- P17 Treatment Strategies for Ischemic Mitral Regurgitation: A 20-year Experience**
Resident: Mani Daneshmand
Program Director: Thomas A. D'Amico
Duke University
- P18 Evolution of ECMO at University of Maryland: From Last Choice to a Therapeutic Option**
Resident: Marc Gibber
Program Director: Bartley P. Griffith
University of Maryland
- P19 Transplant in the Mechanical Circulatory Support Era: the Need for a Heart Allocation Score**
Resident: Justin Schaffer
Program Director: Michael Fischbein
Stanford Hospital and Clinics

P20 Complications of Cerebrospinal Fluid Drainage for Thoracic Aortic Surgery: A Review of 504 Patients Over 5 Years

Resident: Raed Al-Najjar

Program Director: Joseph S. Coselli
Baylor College of Medicine

P21 Cormatrix Fashioned Tricuspid Valve as Alternative to Valve Resection for Acute Infective Endocarditis

Resident: Seemal Mumtaz

Program Director: Patricia A. Thistlethwaite
University of California, San Diego

P22 The “No-Dissection” Technique Is Safe for Reoperative Aortic Valve Replacement with a Patent Left Internal Thoracic Artery Graft

Resident: Tsuyoshi Kaneko

Program Director: R. Morton Bolman, III
Brigham and Women’s Hospital

P23 Transaortic Edge-to-Edge Mitral Valve Repair as an Adjunct to Myectomy in Patients with Hypertrophic Cardiomyopathy

Resident: William Kent

Program Director: Patrick M. McCarthy
Northwestern University

P24 Outcomes of Extracorporeal Membrane Oxygenation Assisted Cardiopulmonary Resuscitation (ECPR) for Adult Acute Refractory Cardiogenic Shock and Cardiac Arrest’

Resident: Matt Thomas

Program Director: George J. Magovern
Allegheny General Hospital

P25 ABO Blood Groups and Heart Transplantation

Resident: Michael Bradner

Program Director: Herbert Ward
University of Minnesota



P26 ECMO as an Effective Rescue Therapy in Cardiac Arrest; Results from a Modern Series

Resident: Ronson Madathil

Program Director: Colin Schieman
University of California, Los Angeles

P27 Myocardial Protection with Custodiol Cardioplegia Adult Cardiac Surgery

Resident: Brian Madigan

Program Director: Sreekumar Subramanian
Institution: University of Arizona

P28 Patent Foramen Ovale: A Risk Factor for Bacterial Endocarditis

Resident: Chris Sciortino

Program Director: Duke E. Cameron
John Hopkins University

CONGENITAL

P29 Contemporary Outcomes After Repair of Atrioventricular Septal Defect

Resident: Andrea Cooley

Program Director: Michael E. Jessen
UT Southwestern Medical Center

P30 Incidence of Anomalous Coronary Arteries in Pulmonary Atresia with Major Aortopulmonary Collaterals

Resident: Ashok Muralidaran

Program Director: Richard Mainwaring
Stanford University

P31 A Paradigm Shift in the Management of Single-Ventricle Physiology TAPVC

Resident: Cosmin Dobrescu

Program Director: Brian Reemtsen
University of California, Los Angeles

P32 Consistent Valve-Sparing Repair of TOF: A 3-Year Experience

Resident: Danielle Gottlieb

Program Director: Michael Argenziano
Columbia University

P33 Long-Term Outcome of Aortic Implantation for Patients with Anomalous Origin of the Left Coronary Artery from the Pulmonary Artery

Resident: Michael Monge

Program Director: Carl L. Backer

Ann and Robert H. Lurie Children's Hospital of Chicago

P34 A Novel and Universally-Applicable Beating-Heart Technique for Norwood Reconstruction

Resident: Robert A. Hanfland

Program Director: Mark D. Iannetoni

University of Iowa

P35 Intraoperative Blood Product Usage in Congenital Heart Surgery After Moving from a Regionalized to an in House Blood Bank

Resident: Robroy MacIver

Program Director: Lester C. Permut

University of Washington/Seattle Children's Hospital

GENERAL THORACIC

P36 Novel Pathways of Lung Allograft Rejection

Resident: Ankit Bharat

Program Director: Marc Moon

Washington University

P37 The Efficacy of Re-staging Endobronchial Ultrasound (EBUS) in Patients with Non-Small Cell Lung Cancer After Neoadjuvant Therapy

Resident: Basil Nasir

Program Director: William L. Holman

University of Alabama at Birmingham

P38 Intraoperative Extracorporeal Membrane Oxygenation as an Alternative to Cardiopulmonary Bypass in Adult Lung Transplantation

Resident: David Odell

Program Director: James Luketich

University of Pittsburgh

P39 Acute Surgical Pulmonary Embolectomy: A Nine Year Retrospective Analysis

Resident: Elizabeth Marshall

Program Director: Frank Manetta

Hofstra-North Shore LIJ School of Medicine



P40 Transcervical Endoscopic Esophageal Mobilization for Transhiatal Esophagectomy

Resident: Ghulam Murtaza

Program Director: Mario Gasparri
Medical College of Wisconsin

P41 Does VO2 Max Correlate with Operative Mortality Using the NETT Database

Resident: Ian Makey

Program Director: Kamal R. Khabbaz
Beth Israel Deaconess

P42 Health-Related Quality of Life Assessment in Randomized Clinical Trials Involving Oncologic Thoracic Surgery

Resident: Jane Yanagawa

Program Director: Valerie Rusch
Memorial Sloan-Kettering Cancer Center

P43 Perioperative Risk Factors For in Hospital Death or Retransplantation in Pediatric Heart Transplant Recipients

Resident: Rachel Vanderlaan

Program Director: Gideon Cohen
University of Toronto

P44 Lung Perfusion During LVAD Placement

Resident: Peter Baik

Program Director: Tomas Salerno
Jackson Memorial Hospital

P45 Esophageal Surgery in a Small Volume Residency Program

Resident: Russell L McElveen

Program Director: Giorgio M. Aru
University of Mississippi

P46 Intrapleural Fibrinolytic Therapy in Loculated Pleural Effusions – An Analysis of Predictors of Failure and Bleeding: a Cohort Study

Resident: S. Abu Daff

Program Director: Donna E. Maziak
Ottawa Hospital

P47 Is VATS Lobectomy for Lung Cancer Oncologically Equivalent to Open Lobectomy

Resident: Wael Hanna

Program Director: Andrew Pierre
Toronto General Hospital

LUNCHES

Saturday, May 4, 2013

Attendees registered for the Adult Cardiac Skills, General Thoracic Skills, Congenital Skills, and Allied Personnel Symposium will be served a boxed lunch in their meeting room.

Those attendees registered for Developing the Academic Surgeon and Working with Industry will not be provided lunch.

Sunday, May 5, 2013

Luncheon Symposium, “The Price of Innovation”

Keynote Speaker: Albert Starr, Oregon Health and Science University
Time: 12:00 – 1:30 p.m.
Location: Ballroom A and B, Minneapolis Convention Center, Level 1

Who should attend? All registered for the Sunday Symposia

Monday, May 6, 2013

Luncheon Symposium, Lifetime Management of Aortic Stenosis: The Changing Landscape

Sponsored by: Medtronic
Time: 12:15 p.m.- 2:00 p.m.
Location: Exhibit Hall Product Theater, off Aisle 400
Minneapolis Convention Center, Level 1

Who should attend? All registered attendees (seats are limited)

Cardiothoracic Residence Luncheon

Time: 12:15 p.m. – 2:00 p.m.
Location: 200C, Minneapolis Convention Center, Level 2

Who should attend? This is a ticketed event, open to all Resident/Fellow and Medical Students who pre-register for it. Please make sure you pre-register as seats are limited.

Ethics Forum Luncheon, “Is a Surgeon Who Does Not Perform VATS Lobectomy Ethically Obligated to Inform Early Stage Lung Cancer Patients of the VATS Option and Offer Referral to a VATS Surgeon?”

Time: 12:15 p.m.- 2:00 p.m.
Location: 200A, Minneapolis Convention Center, Level 2

Who should attend? This is a ticketed event, open to all registered attendees who pre-register for it. Please make sure you pre-register as seats are limited.



Tuesday, May 7, 2013

Luncheon Symposium: Improving Outcomes After Coronary Bypass Surgery

Time: 12:30 p.m.- 2:00 p.m.

Location: Exhibit Hall Product Theater, off Aisle 400
Minneapolis Convention Center, Level 1

Who should attend? All registered attendees (seats are limited)

**Lunch will be available for purchase in the Exhibit Hall on Monday, May 6 and Tuesday, May 7. Professional registrants will be provided with a coupon (\$10 value) found with their name badge to offset the cost of lunch. Complimentary morning and afternoon coffee breaks will also be held in the Exhibit Hall.*

MEETING OVERVIEW

AATS—Promoting Scholarship in Thoracic and Cardiovascular Surgery

Founded in 1917, the American Association for Thoracic Surgery (AATS) is an international organization consisting of over 1,300 of the world's foremost cardiothoracic surgeons representing 41 countries. Surgeons must have a proven record of distinction within the cardiothoracic surgical field and have made meritorious contributions to the extant knowledge base about cardiothoracic disease and its surgical treatment to be considered for membership. The Annual Meeting, research grants and awards, educational symposia and courses, and the AATS official journal, *The Journal of Thoracic and Cardiovascular Surgery*, all strengthen its commitment to science, education and research.

Continuing Medical Education (CME) Accreditation

The American Association for Thoracic Surgery is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The American Association for Thoracic Surgery designates this educational activity for a maximum of **35.25 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

American Academy for Nurse Practitioners (AANP) Accreditation

This program is approved for **13.5** contact hours of continuing education by the American Academy of Nurse Practitioners. **Program ID 1303118.**

This program was planned in accordance with AANP CE Standards and Policies and AANP Support Standards.

American Academy of Physician Assistants (AAPA) Accreditation



This program has been reviewed and is approved for a maximum of **13.5** hours of AAPA Category I CME credit by the Physician Assistant Review Panel. Physician assistants should claim only those hours actually spent participating in the CME activity.

This program was planned in accordance with AAPA's CME Standards for Live Programs and for Commercial Support of Live Programs.



American Board of Cardiovascular Perfusion (ABCP) Accreditation

The American Board of Cardiovascular Perfusion designates this educational activity for a maximum of **37.8** Category 1 CEUs.

Saturday, May 4, 2013 – up to 6.25 hours (CME, AANP, AAPA, ABCP)

- ☐ Adult Cardiac Skills, up to 6 hours
- ☐ Congenital Skills, up to 6.25 hours
- ☐ General Thoracic Skills, up to 6.25 hours
- ☐ Allied Health Personnel, up to 6.25 hours
- ☐ Developing the Academic Surgeon, up to 3.5 hours
- ☐ Working with Industry, Not Accredited

Sunday, May 5, 2013 – up to 7.25 hours (CME, AANP, AAPA, ABCP)

- ☐ Adult Cardiac Surgery, up to 7.25 hours
- ☐ Cardiothoracic Critical Care, up to 6.5 hours
- ☐ Congenital Heart Disease, up to 6.25 hours
- ☐ General Thoracic Surgery, up to 6.5 hours
- ☐ C. Walton Lillehei Resident Forum, up to 2 hours

Monday, May 6, 2013 – up to 7.25 hours (CME, ABCP)

- ☐ Plenary Scientific Session, Basic Science Lecture, Presidential Address, up to 3.75 hours
- ☐ Ethics Luncheon Forum, up to 1 hour (CME only)
- ☐ Adult Cardiac Surgery Simultaneous Session, up to 2.5 hours
- ☐ Congenital Heart Disease Simultaneous Session, up to 2.5 hours
- ☐ General Thoracic Surgery Simultaneous Session, up to 2.5 hours
- ☐ Perioperative Care Simultaneous Session, up to 2.5 hours

Tuesday, May 7, 2013 – up to 7.5 hours (CME, ABCP)

- ☐ Adult Cardiac Surgery Forum, up to 2 hours
- ☐ General Thoracic Surgery Forum, up to 2 hours
- ☐ Plenary Scientific Session, up to 2.5 hours
- ☐ Honored Speaker Lecture, up to .75 hours
- ☐ Adult Cardiac Surgery Simultaneous Session, up to 2.25 hours
- ☐ Congenital Heart Disease Simultaneous Session, up to 2.25 hours
- ☐ General Thoracic Surgery Simultaneous Session, up to 2.25 hours
- ☐ Aortic Endovascular Simultaneous Session, up to 2.25 hours

Wednesday, May 8, 2013 – up to 7 hours (CME, ABCP)

- ☐ Emerging Technologies and Techniques Forum, up to 2 hours
- ☐ Controversies in Cardiothoracic Surgery, up to 1 hour
- ☐ Adult Cardiac Debates, up to 1 hour
- ☐ Congenital Debates, up to 1 hour
- ☐ General Thoracic Debates, up to 1 hour
- ☐ TCT AATS: New Technologies for a New Future, up to 3 hours

For further information on the Accreditation Council for Continuing Medical Education (ACCME) standards of commercial support, **please visit www.accme.org.**

CME/CE Kiosks/Letter of Attendance

Attendees may obtain CME (Continuing Medical Education) and CE credits and Letter of Attendance at the CME/CE Pavilion located in the lobby on Level 1 of the Convention Center across from Registration. The CME/CE Pavilion computers will allow attendees to manage their CME/CE credits and Letter of Attendance for the Annual Meeting and/or email their information to their personal email address. At the end of the Annual Meeting, attendees may print their CME/CE certificate and/or Letter of Attendance. Following the Annual Meeting, attendees may access their CME/CE information and/or Letter of Attendance at **<http://ceu.experient-inc.com/aat131>**

Statement of Need

Cardiovascular disease and cancer are the leading causes of mortality and morbidity around the globe. Major advances in these conditions continue to be made at a rapid pace. Improvements in diagnostic techniques as well as interventional approaches to treatment, both surgical and percutaneous, challenge the clinical practitioner to remain current. Increasingly sophisticated technology to accomplish these aims is being developed and introduced into clinical practice. Exciting advances in basic and clinical science offer opportunities for participation in scientific studies and clinical trials. All of these elements create a significant educational need for the practicing cardiothoracic surgeon. The AATS Annual Meeting fills this need through a combination of lectures, original scientific presentations and discussion forums.

Educational Objectives

At the conclusion of the AATS Annual Meeting, through comprehensive lectures and discussions, participants will be able to:

- ☐ Assess the latest techniques and current research specifically related to Adult Cardiac Surgery, General Thoracic Surgery and Congenital Heart Disease.



- ☐ Analyze the pros and cons of each paper presented to gain an overall perspective of their current practices.
- ☐ Select appropriate surgical procedures and other interventions for their own patients based upon results presented.
- ☐ Integrate state-of-the art knowledge into their current practices.
- ☐ Identify the basic science developments and emerging technologies and techniques across the spectrum of cardiothoracic surgery.

Target Audience

The AATS Annual Meeting is specifically designed to meet the educational needs of:

- ☐ Cardiothoracic Surgeons
- ☐ Physicians in related specialties including Cardiothoracic Anesthesia, Critical Care, Cardiology, Pulmonology, Radiology, Gastroenterology, Thoracic Oncology and Vascular Surgery
- ☐ Critical Care Teams including Anesthesiologists, Critical Care Nurses, Hospitalists, and Interventionalists
- ☐ Fellows and Residents in Cardiothoracic and General Surgical training programs
- ☐ Allied Health Professionals involved in the care of cardiothoracic surgical patients including Nurses, Nurse Practitioners, Perfusionists, Physician Assistants, and Surgical Assistants
- ☐ Medical students with an interest in cardiothoracic surgery

Disclosure Policy

It is the policy of the American Association for Thoracic Surgery that any individual who is involved in planning, presenting or is an author on a program designated for AMA Physician's Recognition Award Category 1 Credit™ must disclose any financial interest or other relationship (grant, research support, consultant, etc.) that individual has with any manufacturer(s) of any commercial product(s) that may be discussed in the individual's presentation. This information is disclosed to the audience prior to an activity. The AATS has procedures in place if a conflict of interest should arise. In addition, faculty members are asked to disclose when any discussion of unapproved use of pharmaceutical or medical device occurs. Disclosures may be found on the AATS website, in the abstract book, and in the title slides.

For further information on the Accreditation Council for Continuing Medical Education (ACCME) Standards of Commercial Support, please visit www.accme.org.

ACKNOWLEDGMENTS

We would like to thank the following companies for their support of this educational activity through educational grants:

AstraZeneca LP	St. Jude Medical, Inc.
Ethicon Endo-Surgery, Inc.	Thoratec Corporation
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We would like to thank the following companies for their exhibit support:

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marketing support:**

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**We would like to thank the following companies for their
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Hybrid OR of the Future®

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Steris Corporation	Olympus America, Inc.
LSI Solutions	

ICU of the Future®

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ONSITE MEETING GUIDE

AATS Welcome Center

Visit the AATS Welcome Center, located in the lobby area next to registration at the Minneapolis Convention Center. The Welcome Center is your one-stop resource for questions regarding the AATS, Annual Meeting information and the city of Minneapolis. AATS staff and members of the Convention and Visitors Bureau of Minneapolis will be available to answer questions, make recommendations and reservations for dinner, suggest places to visit, and help you make the most of your visit to Minneapolis and the AATS Meeting. You can also pick up a copy of the “AATS’ Top 10s for Minneapolis”, a listing of 10 great restaurants, 10 hidden gems, 10 events taking place during your stay, and 10 popular attractions. The Welcome Center will be open during registration hours for the duration of the Annual Meeting, please see below.

Registration

Registration will be located in the foyer of Convention Center on Level 1. Registration will be open during the following hours:

Friday, May 3	1:00 p.m. – 5:00 p.m.
Saturday, May 4	6:30 a.m. – 5:00 p.m.
Sunday, May 5	6:30 a.m. – 6:00 p.m.
Monday, May 6	6:30 a.m. – 5:00 p.m.
Tuesday, May 7	6:30 a.m. – 5:00 p.m.
Wednesday, May 8	6:30 a.m. – 12:00 p.m.

- a.) Badges must be worn at all times and will be required for admission to Sessions, Exhibit Hall and social events.
- b.) To avoid lines in the registration area, we strongly suggest that attendees register on Friday, May 3 and Saturday, May 4.
- c.) House Officers, Fellows, Residents and Medical Students will be admitted without payment of the non-member registration fee if they pre-registered. If not pre-registered, registration fees will be assessed. Proof of Fellowship is required.

Speaker Ready Room

The Speaker Ready Room is located in room 102A of the Convention Center. It is critical that ALL speakers visit the Speaker Ready Room at least 2 hours before presenting to ensure their presentation has been properly loaded and any embedded video or media files work with the audiovisual system. *Please note: presentations will NOT be loaded in the meeting rooms. Personal laptops will NOT be used in the session rooms.*



The Speaker Ready Room will be open during the following dates and times:

Friday, May 3	1:00 p.m. – 6:00 p.m.
Saturday, May 4	6:30 a.m. – 6:00 p.m.
Sunday, May 5	6:30 a.m. – 6:00 p.m.
Monday, May 6	6:30 a.m. – 6:00 p.m.
Tuesday, May 7	6:00 a.m. – 6:00 p.m.
Wednesday, May 8	6:00 a.m. – 12:00 p.m.

2013 Mobile App

The 2013 AATS Annual Meeting Mobile App provides attendees with the full meeting experience in the palm of their hands. Currently available through iTunes, Android and a Mobile Website, users have the ability to view meeting details including the program, attendees, speakers, exhibitors, venues and city information. In addition to its search features this year's app will provide a truly interactive experience for attendees. Along with an interactive exhibit floor and in-app messaging*, the audience response and live polling features will allow attendees to participate from their seats in the Saturday and Sunday sessions.

** In-app messaging will be provided for professional attendees only and requires login. The username (last Name) and password (confirmation ID) will need to be entered the first time you open this portion of the app. Your registration ID number is listed on the bottom left corner of your badge. Please visit the AATS Welcome Center located in the registration area, if you have any questions.*

Webcast

Be sure to view the 2013 AATS webcast which will include all Scientific sessions, Presidential Address, Honored Guest Lecturer, Basic Science Lecture, Sunday Luncheon Speaker. Visit: <http://webcast.aats.org/2013/>

Special Accessibility Needs

If you require special accommodations to fully participate in the meeting, please visit the Registration Area at the Minneapolis Convention Center and an AATS staff member will be happy to assist you.

Camera, Recording, Cell Phone and No-Smoking Policies

Due to privacy issues, it is the policy of AATS that no cameras are permitted in the meeting sessions or exhibit hall. Please refrain from taking photos in these locations. Audio and videotaping is also prohibited.

For the courtesy of all faculty and participants, please ensure that cell phone ringers are silenced during all sessions. Smoking is not permitted in the Convention Center, Hotels or Special Event Venues.

93RD ANNUAL MEETING
MAY 4–MAY 8, 2013 | MINNEAPOLIS, MN

Coat and Luggage Check

A complimentary coat and luggage check will be located on Level 1 of the Convention Center (Auditorium Room 3). Service will be provided during the following dates and times:

Sunday, May 5	6:30 a.m. – 7:00 p.m.
Monday, May 6	6:30 a.m. – 6:15 p.m.
Tuesday, May 7	6:30 a.m. – 5:00 p.m.
Wednesday, May 8	6:30 a.m. – 12:30 p.m.

Transportation

For the Tuesday evening Attendee Reception, transportation will be provided from the Hilton and Hyatt Hotels to Target Field. Shuttles will begin at 6:45 p.m. and will run continuously until 10:15 p.m.

Business Center

A FedEx Business Center is located in the Level 1 of the Convention Center. Hours of operation are:

Saturday	8:00 a.m. – 4:00 p.m.
Sunday	8:00 a.m. – 4:00 p.m.
Monday	8:00 a.m. – 5:00 p.m.
Tuesday	8:00 a.m. – 5:00 p.m.
Wednesday	8:00 a.m. – 5:00 p.m.

Phone # 612.339.0616

Emergencies

For any emergency in the Convention Center **DO NOT CALL 9-1-1** in the case of a medical emergency. It is ALWAYS best to report a medical emergency to the MCC's Guest & Security Services Department. This is done by **calling #2013** from any beige House Phone (there is a placard above each of these phones with the number on it). OR you may call **#612-335-6040** from your cell phone.

First Aid

A First Aid Station is located on Level 1 of the Convention Center, around the corner from Room 101E.



PRESENTATION AND DISCUSSION GUIDELINES

Speaker and Discussant Guidelines

Discussion of Papers: Members, non-member physicians and invited speakers have the privilege of discussing papers. Discussants are limited to 2 minutes and must limit their discussion to specific questions directly related to the author's presentation. All discussions will be presented from floor microphones and may not be accompanied by slides.

Program	Presentation	Discussion
Plenary Sessions	8 minutes	12 minutes*
Simultaneous Sessions	8 minutes	12 minutes*
Adult Cardiac & General Thoracic Forum Sessions	5 minutes	5 minutes*
Emerging Technologies & Techniques Forum	6 minutes	5 minutes*
Lillehei Resident Forum	7 minutes	8 minutes*
Controversies in Cardiothoracic Surgery Debates	8 minutes each x 2 Rebuttals (7 minutes each)	15 minutes

*All discussants are limited to 2 minutes

1. Submission and acceptance of an abstract constitutes a commitment by the Author(s) to present the material at the AATS Annual Meeting. The work must not have been submitted, presented or published in abstract or manuscript form elsewhere prior to the AATS 93rd Annual Meeting in May 2013. Failure to meet this requirement without prior approval of the Association will jeopardize a presenter's further acceptance of abstracts for presentation and/or publication. The AATS Council seriously regards and adheres to the submission/presentation policy and will strictly enforce sanctions upon all authors who fail to meet the policies outlined in the rules for submission and presentation of abstracts once submitted. Any questions should be addressed meetings@aats.org.

2. Papers presented at the meeting in the Plenary and Simultaneous Sessions shall become the property of the Association. They shall be submitted electronically to the JTCVS Editor prior to presentation (<http://www.editorialmanager.com/jtcvs>) and NO LATER than Monday, May 6, 2013 at 8:00 a.m. CST. To expedite review and publication the Editor requests that submission occur **one month** prior to the Annual Meeting.
3. The AATS encourages Cardiac Surgery Forum, General Thoracic Surgery Forum, Emerging Technologies and Techniques Forum and Lillehei Forum presenters to submit their manuscript to the JTCVS Editor although the requirement for manuscript submission to the JTCVS does not apply to these sessions. If you do not plan to submit, please notify the JTCVS Editor at JTCVS@aats.org. Should you submit, papers must be submitted electronically to the JTCVS Editor prior to presentation (<http://www.editorialmanager.com/jtcvs/>) and NO LATER than Monday, May 6, 2013 at 8:00 a.m. CST. To expedite review and publication the Editor requests that submission occur **one month** prior to the meeting.



EXHIBITS AND INDUSTRY INFORMATION

The Exhibit Hall will be on Level 1 of the Convention Center. The Exhibit hall will be open during the following hours:

Sunday, May 5

5:00 p.m. – 7:00 p.m. *Welcome Reception*

Monday, May 6

9:00 a.m. – 4:30 p.m. *Breaks:* 9:20 a.m. – 10:00 a.m.
3:00 p.m. – 3:45 p.m.
Lunch: 12:15 p.m. – 2:00 p.m.

Tuesday, May 7

9:00 a.m. – 4:00 p.m. *Breaks:* 10:15 a.m. – 10:40 p.m.
3:00 p.m. – 3:45 p.m.
Lunch: 12:30 p.m. – 2:00 p.m.

At the 2013 Annual Meeting, AATS will feature three special educational exhibits: Sunday, May 5 – Tuesday, May 7.

Welcome Reception – Sunday, May 5, 2013

The Welcome Reception will be held on Sunday, May 5, 2013 from 5:00 p.m. – 7:00 p.m. in the Exhibit Hall of the Convention Center. All registered members, non-members, allied health personnel, spouses and guests are invited to attend. Please note that children will be allowed in the Exhibit Hall during the reception only and must be accompanied by an adult. Children under 16 years of age will not be allowed in the Exhibit Hall at any other time.

Hybrid Operating Room of the Future

Since the debut of the Hybrid Operating Room of the Future display in 2010 in Toronto, it has been a highlight of the Annual Meeting. Here, you will get a first-hand look at the benefits of hybrid technologies and the equipment/technologies applicable to the hybrid operating room environment.

CT ICU of the Future

The CT ICU display gives you the opportunity to see what the future holds for CT surgical critical care. A new feature of the ICU will be a series of procedure-based technology demonstrations, videos and simulations. In addition, Proctors will be available in the ICU during peak exhibit times to answer questions.

TAVI Suite – NEW!



Since the transcatheter aortic valve implantation (TAVI) era is dawning and TAVI is **the** hot topic of discussion everywhere, we will include a stand alone TAVI Suite to complement the Hybrid OR of the Future and the CT ICU. The TAVI Suite will focus on the equipment used during the procedure and on the valves themselves.

EXHIBITORS

BOOTH

A & E Medical Corporation 1631
2310 South Miami Blvd., Suite 240, Durham, NC 27703-5796

ABIOMED, Inc. 1614
22 Cherry Hill Drive, Danvers, MA 01923

Acute Innovations 526
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AME Publishing Company..... 539
3/F, Building 1#, Lesu Science Park, 1526 Chunbo Road, Binjiang district, Hangzhou China
The Annals of Cardiothoracic Surgery is a bi-monthly peer-reviewed publication, dedicated to the field of cardiothoracic surgery. Each issue is over-seen by a special Guest Editor and features operative videos provided by renowned surgeons.

The Journal of Thoracic Disease is a bi-monthly, international, Pubmed-indexed journal with a primary focus on thoracic disease.
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One Baxter Parkway, Deerfield, IL 60015

BFW, Inc. 1029

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Biomet Microfixation..... 737

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Bolton Medical..... 623

799 International Pkwy, Jacksonville, FL 32218

Bolton Medical manufactures the Relay Thoracic Stent-Graft which is indicated for the treatment of main thoracic aortic pathologies such as aneurysms, penetrating ulcers, pseudoaneurysms, and intramural hematomas. To date, approximately 8,000 Relay Thoracic Stent-Grafts have been implanted worldwide. For more information on Relay, visit www.relaytaa.com.

Cardiovascular Research Foundation 428

111 E. 59th Street, New York, NY 10022

The Cardiovascular Research Foundation (CRF) is an independent, academically focused nonprofit organization dedicated to improving the survival and quality of life for people with cardiovascular disease through research and education. Since its inception in 1991, CRF has played a major role in realizing dramatic improvements in treating heart disease by establishing the safe use of new technologies, drugs, and therapies in interventional cardiovascular medicine.

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Cook Medical..... 1310

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286 South Main Street Suite 200, Alpharetta, GA 30009

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	Oscor Inc.	1115
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	Vitalitec/Geister	1413
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	I-Flow, LLC, a Kimberly-Clark Health Care Company	419
	Quest Medical, Inc.	634
Medical	Medafor Inc.	513
Minimally Invasive Cardiac Surgery	Chase Medical	444
	Elmed Incorporated	1325
	Fehling Surgical Instruments, Inc.	718
	Genesee BioMedical	1624
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	Covidien	805
	Scanlan International	1205
	Transonic Systems	1139
	Genesee BioMedical	1624
	Quest Medical, Inc.	634

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CATEGORY LISTING	COMPANY	BOOTH
Non-Invasive Surgical Products	Elmed Incorporated	1325
	LSI Solutions	842
	Scanlan International	1205
	St. Jude Medical	719
Occlusion Devices	Chase Medical	444
	Elmed Incorporated	1325
	Scanlan International	1205
	Vitalitec/Geister	1413
Operating Room Equipment	Intuitive Surgical	1033
	Kapp Surgical Instrument, Inc.	1334
	Rultract Inc.	1529
	Scanlan International	1205
	Vitalcor, Inc	1135
Pain Management	Heart Hugger/General Cardiac Tech	644
	I-Flow, LLC, a Kimberly-Clark Health Care Company	419
	Qualiteam SRL	1238
Perfusion	Haemonetics	430
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	Quest Medical, Inc.	634
	Transonic Systems	1139
	Vitalcor, Inc	1135
Plasma Products	Haemonetics	430
Publishers	CRC Press- Taylor + Francis	939
Recruitment	Haemonetics	430
Robotic Surgery	Intuitive Surgical	1033
Stents	Medtronic, Inc.	605
Sternal Closure Systems	Synthes CMF	1042
Sternal Support Systems	Genesee BioMedical	1624
	Heart Hugger/General Cardiac Tech	644
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CATEGORY LISTING	COMPANY	BOOTH
Surgical Instruments	Covidien	805
	Elmed Incorporated	1325
	Fehling Surgical Instruments, Inc.	718
	Genesee BioMedical	1624
	Haemonetics	430
	Haemonetics	430
	Intuitive Surgical	1033
	Kapp Surgical Instrument, Inc.	1334
Surgical Instruments	Lexion Medical	843
	LSI Solutions	842
	Rultract Inc.	1529
	Scanlan International	1205
	Sontec Instruments, Inc.	405
	Thompson Surgical Instruments	423
	Vitalcor, Inc	1135
	Vitalitec/Geister	1413
Sutures and Needles	Covidien	805
	IsoRay Medical	743
	On-X Life Technologies, Inc.	1129
Thoracic (General) Surgery	Atmos Inc.	745
	Covidien	805
	Elmed Incorporated	1325
Thoracic (General) Surgery	Genesee BioMedical	1624
	Haemonetics	430
	Heart Hugger/General Cardiac Tech	644
	Intuitive Surgical	1033
	Kapp Surgical Instrument, Inc.	1334
	LSI Solutions	842
	Rultract Inc.	1529
	Scanlan International	1205

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	Synthes CMF	1042
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	On-X Life Technologies, Inc.	1129
	Quest Medical, Inc.	634
	St. Jude Medical	719
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Video Equipment, Angioscopes, Telescopes	Vitalcor, Inc	1135
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	Qualiteam SRL	1238
	Synthes CMF	1042

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INDUSTRY SUPPORTED SYMPOSIA*

SATURDAY, MAY 4, 2013

Planning for the Future: Optimizing Today's Heart Valve Clinic

12:00 – 1:00 p.m.

Ballroom A

Minneapolis Convention Center

Sponsored by: Medtronic

SUNDAY, MAY 5, 2013

Adhering to Guideline-Directed and Evidence-Based Antiplatelet Strategies in Acute Coronary Syndrome

7:00pm – 9:00 pm

Hilton, Ballroom C

Sponsored by: AstraZeneca

Integration in the TAVI Suite

7:15 – 9:00 pm

TAVI Suite – Exhibit Hall

Minneapolis Convention Center

Sponsored by: MAQUET Medical Systems USA and Philips Healthcare

MONDAY, MAY 6, 2013

Lifetime Management of Aortic Stenoses: The Changing Landscape

12:30 – 2:00 p.m.

Exhibit Hall Product Theater

Minneapolis Convention Center

Sponsored by: CRF

Gaining Clarity on Competitive Flow: Implications for Improved CABG Outcomes"

5:30 – 7:30 p.m.

Symphony I

Minneapolis Hilton

Sponsored by: Medistim

TUESDAY, MAY 7, 2013

Improving Outcomes for Coronary Bypass Surgery

12:30 – 2:00 p.m.

Exhibit Hall Product Theater

Minneapolis Convention Center

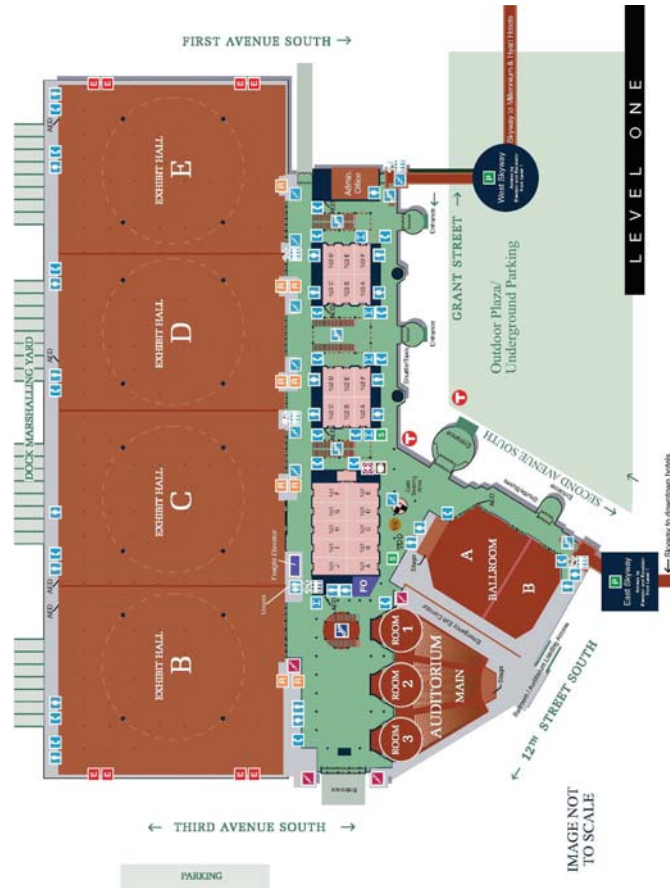
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Exhibitor Floor Plan Foldout.

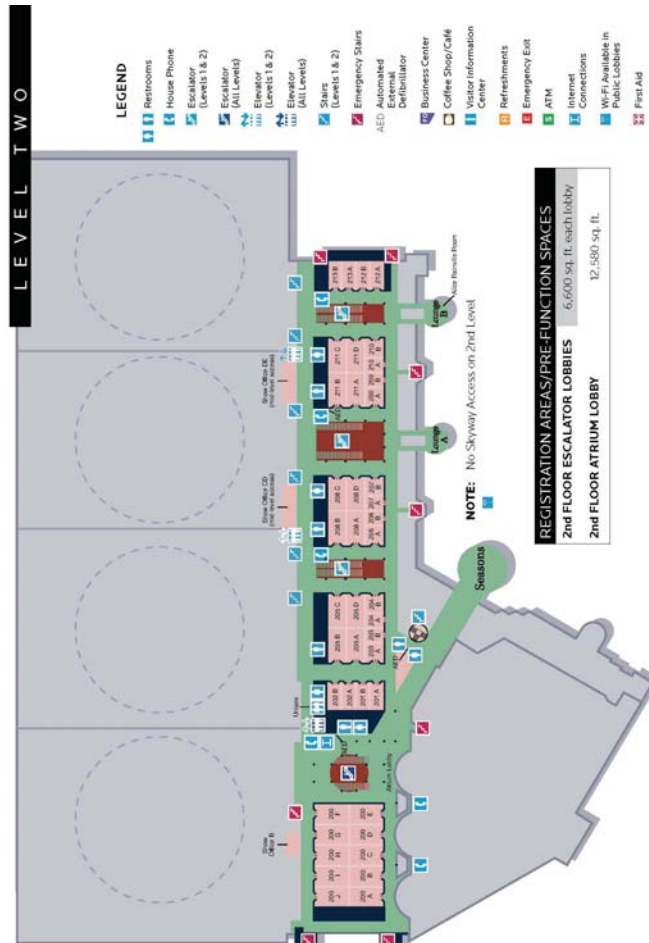
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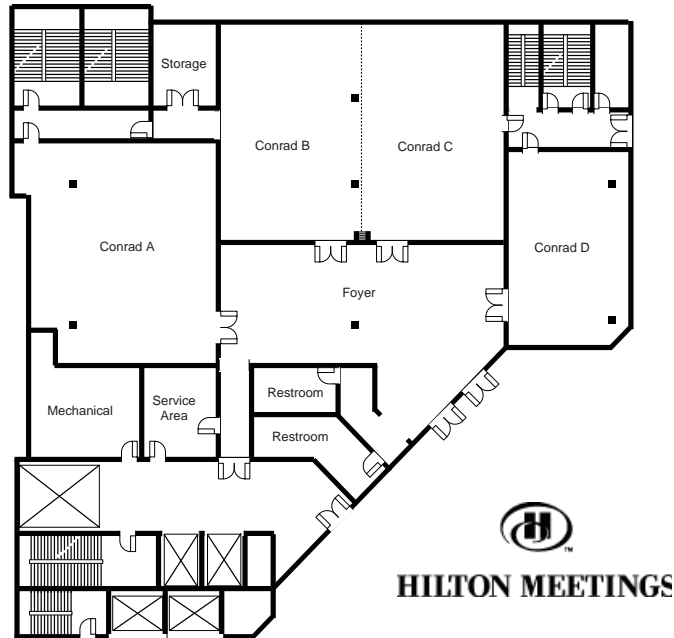
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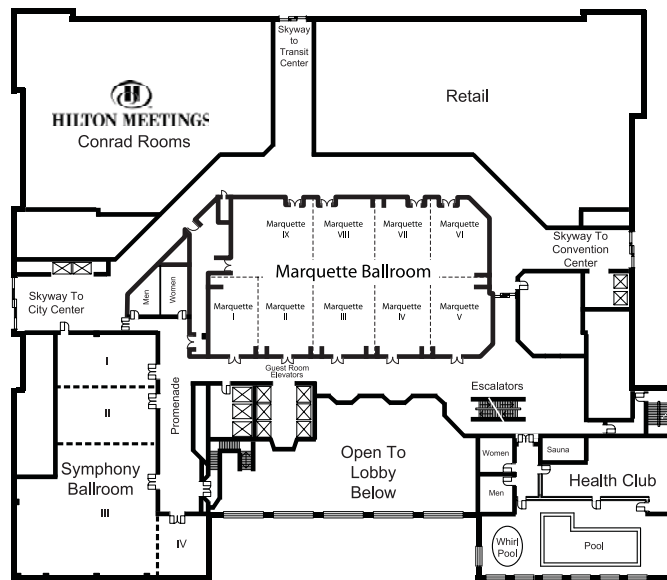
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HILTON MEETINGS – CONRAD ROOMS – SECOND FLOOR



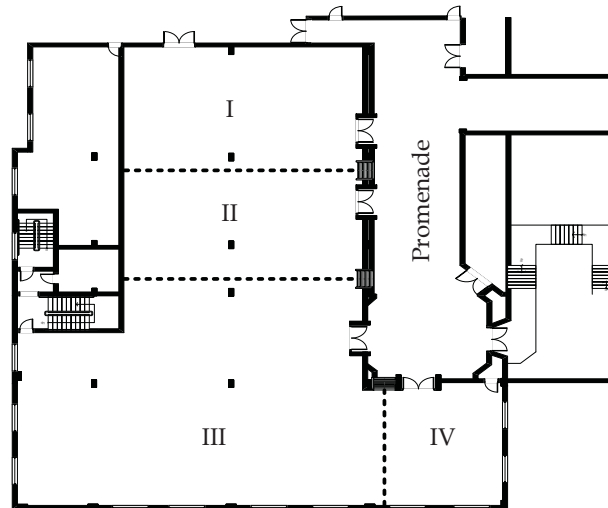
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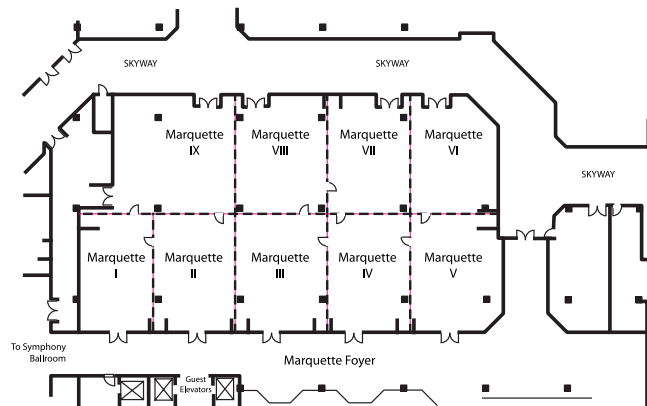


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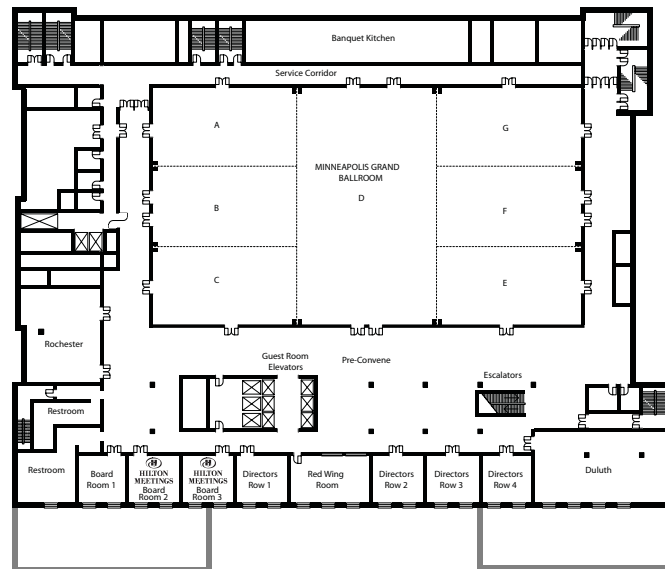
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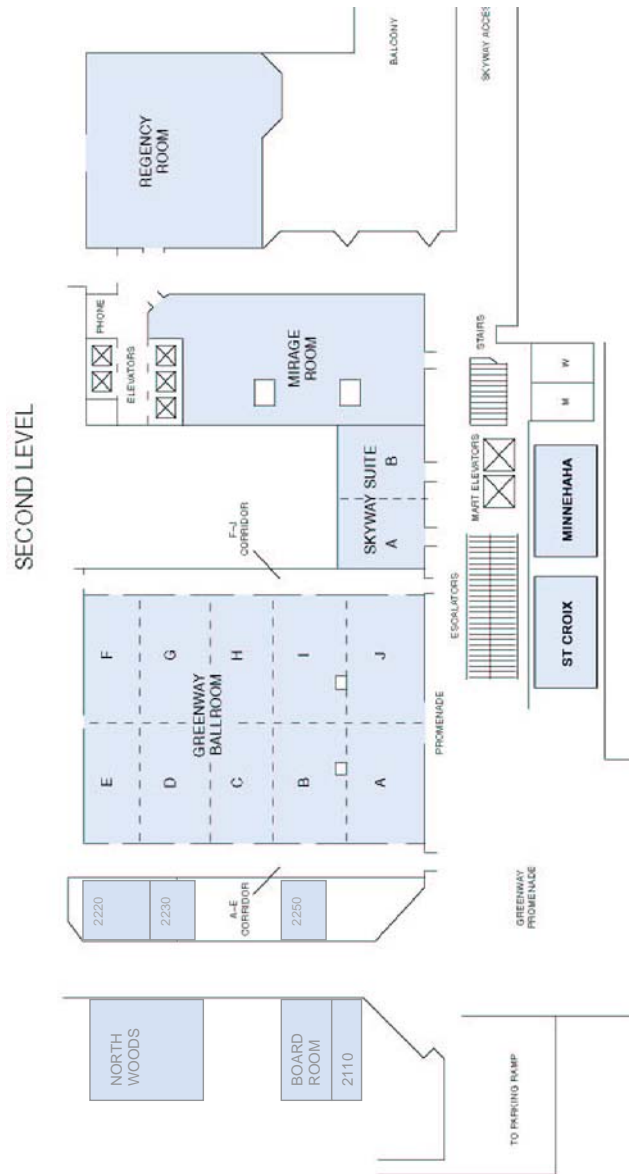




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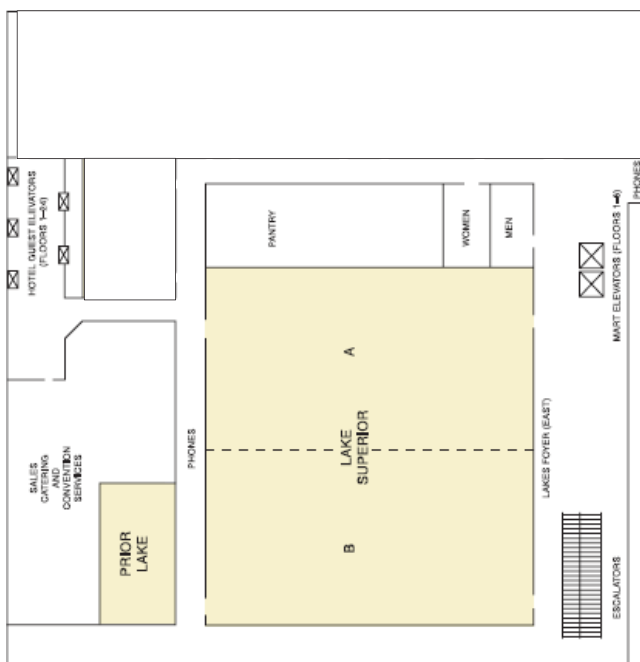


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1996-1997	Washington, DC	David B. Skinner
1995-1996	San Diego, CA	Mortimer J. Buckley
1994-1995	Boston, MA	Robert B. Wallace
1993-1994	New York, NY	Aldo R. Castaneda
1992-1993	Chicago, IL	John L. Ochsner
1991-1992	Los Angeles, CA	John A. Waldhausen
1990-1991	Washington, DC	Keith Reemtsma
1989-1990	Toronto, ONT	F. Griffith Pearson
1988-1989	Boston, MA	W. Gerald Austen
1987-1988	Los Angeles, IL	Paul A. Ebert
1986-1987	Chicago, IL	Norman E. Shumway
1985-1986	New York, NY	James R. Malm
1984-1985	New Orleans, LA	David C. Sabiston
1983-1984	New York, NY	Dwight C. McGoon
1982-1983	Atlanta, GA	Frank C. Spencer
1981-1982	Phoenix, AZ	Thomas B. Ferguson
1980-1981	Washington, DC	Donald L. Paulson
1979-1980	San Francisco, CA	Herbert Sloan
1978-1979	Boston, MA	John W. Kirklin
1977-1978	New Orleans, LA	J. Gordon Scannell
1976-1977	Toronto, ONT	Henry T. Bahnson
1975-1976	Los Angeles, CA	David J. Dugan
1974-1975	New York, NY	Wilfred G. Bigelow
1973-1974	Las Vegas, NV	Lyman A. Brewer, III
1972-1973	Dallas, TX	Frank Gerbode
1971-1972	Los Angeles, CA	John W. Strieder
1970-1971	Atlanta, GA	Thomas H. Burford
1969-1970	Washington, DC	Hiram T. Langston
1968-1969	San Francisco, CA	Edward M. Kent
1967-1968	Pittsburgh, PA	Paul C. Samson
1966-1967	New York, NY	Frederick G. Kergin
1965-1966	Vancouver, BC	Herbert C. Maier
1964-1965	New Orleans, LA	John C. Jones

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YEAR	MEETING LOCATION	PRESIDENT
1963-1964	Montreal, QUE	Robert E. Gross
1962-1963	Houston, TX	Julian Johnson
1961-1962	St. Louis, MO	O. Theron Claggett
1960-1961	Philadelphia, FL (Deceased 1/11/61)	John H. Gibbon, Jr. Richard H. Sweet
1959-1960	Miami Beach, FL	William E. Adams
1958-1959	Los Angeles, CA	Michael E. DeBakey
1957-1958	Boston, MA	Brian Blades
1956-1957	Chicago, IL	Cameron Haight
1955-1956	Miami Beach, FL	Richard H. Meade
1954-1955	Atlantic City, NJ	Edward S. Welles
1953-1954	Montreal, QUE	Emile Holman
1952-1953	San Francisco, CA	Robert M. Janes
1951-1952	Dallas, TX	Frank B. Berry
1950-1951	Atlantic City, NJ	Alfred Blalock
1949-1950	Denver, CO	Edward J. O'Brien
1948-1949	New Orleans, LA	Edward D. Churchill
1947-1948	Quebec, QUE	Alton Ochsner
1946-1947	St. Louis, MO	I.A. Bigger
1945-1946	Detroit, MI	Claude S. Beck
1943-1944	Chicago, IL	Frank S. Dolley
1940-1941	Toronto, ONT	Fraser B. Gurd
1939-1940	Cleveland, OH	Adrian V.S. Lambert
1938-1939	Los Angeles, CA	Harold Brunn
1937-1938	Atlanta, GA	Stuart W. Harrington
1936-1937	Saranac Lake, NY	Leo Eloesser
1935-1936	Rochester, MN	Carl Eggers
1934-1935	New York, NY	John Alexander
1933-1934	Boston, MA	George J. Heuer
1932-1933	Washington, DC	George P. Muller
1931-1932	Ann Arbor, MI	Frederick T. Lord
1930-1931	San Francisco, CA	Ethan Flagg Butler
1929-1930	Philadelphia, PA	Wyman Whittemore
1928-1929	St. Louis, MO	John L. Yates
1927-1928	Washington, DC	Evarts A. Graham
1926-1927	New York, NY	Franz Torek
1925-1926	Montreal, QUE	Edward W. Archibald
1924-1925	Washington, DC	Nathan W. Green
1923-1924	Rochester, MN	Carl A. Hedblom
1922-1923	Chicago, IL	Howard Lilienthal
1921-1922	Washington, DC	Samuel Robinson
1920-1921	Boston, MA	Rudolph Matas
1919-1920	New Orleans, LA	Willy Meyer
1918-1919	Atlantic City, NJ	Willy Meyer
1917-1918	Chicago, IL	Samuel J. Meltzer



PAST AATS SECRETARIES AND TREASURERS

SECRETARIES

2008-2013	Thoralf M. Sundt, III
2003-2008	Irving L. Kron
1998-2003	Tirone E. David
1993-1998	James L. Cox
1988-1993	Martin F. McKneally
1983-1988	Quentin R. Stiles
1978-1983	John L. Ochsner
1973-1978	Myron W. Wheat, Jr.
1968-1973	Thomas B. Ferguson
1963-1968	Henry T. Bahnson
1956-1963	Hiram T. Langston
1951-1956	Paul C. Samson
1947-1951	Brian Blades
1935-1947	Richard H. Meade
1930-1935	Duff S. Allen
1925-1930	Ethan Flagg Butler
1923-1925	Charles Gordon Heyd
1918-1923	Nathan W. Green

TREASURERS

2011	Duke E. Cameron
2007-2011	David J. Sugarbaker
2003-2008	G. Alec Patterson
1999-2003	Richard A. Jonas
1994-1999	Andrew S. Wechsler
1989-1994	William A. Gay, Jr.
1984-1989	Floyd D. Loop
1979-1984	Paul A. Ebert
1974-1979	James R. Malm
1968-1974	Paul C. Adkins
1963-1968	C. Rollins Hanlon
1954-1963	Julian Johnson
1946-1954	William E. Adams
1939-1946	Isaac A. Bigger
1933-1939	Edward D. Churchill
1928-1933	Carl Eggers
1925-1928	Ethan Flagg Butler
1923-1925	Charles Gordon Heyd
1918-1923	Nathan W. Green

BASIC SCIENCE LECTURERS

- 2013 — William D. Edwards, MD**
Update on Surgical-Pathologic Correlates of Valvular Heart Disease
- 2012 — John E. Bares, PhD**
Will a Robot Take Your Job?
- 2011 — Susan B. Shurin, MD**
Public Support of Biomedical Research
- 2010 — Susan E. Mackinnon, MD**
Nerve Injury – Changing the Surgical Paradigm Through Translational Science
- 2009 — Jonathan A. Epstein, MD**
Insights from Developmental and Stem Cell Biology
- 2008 — Matts Karlsson, PhD**
The Link Between Engineering, Biomechanics, and Cardiovascular Physiology and Disease
- 2007 — Steven R. Bailey**
Nanotechnology – Impact on Cardiovascular Medicine
- 2006 — H. Robert Horvitz, PhD**
*Genetic Control of Programmed Cell Death in *C. elegans**
- 2005 — Harry Dietz, MD**
New Insights Into the Pathogenesis and Treatment of Marfan Syndrome
- 2004 — John B. West, MD**
A Shortage of Oxygen: Lessons from the Summit of Mt. Everest
- 2003 — Richard White, MD**
Advanced Imaging: Aiding the “Mind’s Eye” of the Cardiothoracic Surgeon
- 2002 — Steven A. Rosenberg, MD**
The Immune Response to Human Cancer: Lessons from the Molecular Analysis of Patients with a Dramatic Response to Immunotherapy
- 2001 — Gerald D. Buckberg, MD**
The Helix and the Heart
- 2000 — J. Craig Venter, PhD**
Decoding the Human Genome
- 1999 — Victor Dzau, MD**
Gene Therapy Strategies for Research Revascularization
- 1998 — Eric J. Topol, MD**
The Future of Coronary Thrombosis Prophylaxis
- 1997 — Ronald G. Crystal, MD**
Implications for Gene Therapy in Treating Coronary Artery Disease and Lung Cancer
- 1994 — Timothy A. Springer, PhD**
Traffic Signals for Leukocyte Emigration from the Blood Stream
- 1993 — Andrew S. Wechsler, MD**
Molecular Biology: New Common Ground for Cardiothoracic Surgery



1992 — Kurt Benirschke, MD

Twinning

1991 — Fritz H. Bach, MD

Transplant Immunology: A Broadening of the Concept for the Future

1990 — Louis Siminovitch, MD

Advances in Cancer Research—Bench to Bedside

1989 — Russell Ross, MD

The Pathogenesis of Atherosclerosis

1988 — Raj K. Goyal, MD

Physiology and Pathophysiology of Esophageal Peristalsis

1987 — Gustav J.V. Nossal, MD

Immuno-Regulation: The Key to Transplantation and Autoimmunity

HONORED GUEST LECTURERS

2013 — Richard B. Cheney

Interview with former Vice President Dick Cheney: Personal Reflections on Cardiac Surgery

2012 — Mehmet C. Oz, MD

Medicine in Media

2011 — Michael J. Mack, MD

The Only Constant is Change

2010 — David Naylor, MD

Too Big to Fail? Healthcare Reform in the U.S. and Canada

2009 — Professor Michio Kaku

The Creation of the Universe, String Theory, and Time Travel

2008 — Marko I. Turina, MD

50 Years of Cardiothoracic Surgery Through the Looking Glass and What the Future Holds

2007 — Mark B. McClellan

2006 — John P. Howe, III, MD

A World in Need: Lessons Learned in Medical Diplomacy—The Project HOPE Perspective

2005 — Richard D. Weisel, MD

Cardiac Regeneration

2004 — Joseph Macinnis, MD

Leadership and Surgery: A View from Inside the Ocean

2003 — Frank Culbertson, CAPT, USN

The Challenges of Human Space Flight

2002 — Marc R. de Leval, MD

Beyond Flatland

2001 — Mory Gharib

Bioengineering for the Exploration of Space: New Challenges

2000 — James L. Barksdale

Effects of the Net Economy

1999 — Judah Folkman, MD

Experimental and Clinical Application of Angiogenesis Research

1998 — Ken Taylor, MD

A Practical Affair

1997 — Antoon E.M.R. Lerut, MD

Esophageal Surgery at the End of the Millenium

1996 — David H. Sachs, MD

Tolerance to Allogeneic and Xenogeneic Transplants

1995 — Edmund D. Pellegrino, MD

Medical Ethics in the 21st Century: DNR or CPR?

1994 — Rodolfo Herrera-Llerandi, MD

A Thoracic Tale of Two Cities

1993 — Mark F. O'Brien, MD

The Structure and Function of Tissue Valves; Some Lessons Learned from the Fate of Implanted Heart Valves

1992 — Rene G. Favaloro, MD

Coronary Artery Bypass Graft Surgery; Twenty-Five Years Later—Some Landmarks

1991 — Magdi Yacoub, MD

Long-Term Transplantation as a Model

1990 — A.P. Naef, MD

Pioneers and Milestones in Thoracic Surgery

1989 — Francis M. Fontan, MD

Transplantation of Knowledge

1988 — Jaroslav F. Stark, MD

Do We Really Correct Congenital Heart Defects?

1987 — Jean-Paul Binet, MD

New Frontiers—New Barriers

1986 — Ake Senning, MD

The Cardiovascular Surgeon and the Liver

1985 — Hans G. Borst, MD

Hands Across the Ocean: German/American Relations in Thoracic Surgery

1984 — Adib D. Jatene, MD

Left Ventricular Aneurysmectomy: Resection or Reconstruction?

1983 — Alain F. Carpentier, MD

Valve Surgery: The French Correction

1982 — Wu Ying-Kai, MD

Achievements in the Study and Control of Cancer of the Esophagus

1981 — Roger Abbey-Smith, MD

An Evaluation of the Long-Term Results of Surgery for Bronchial Carcinoma

1980 — H. D'Arcy Sutherland, MD

Cardiothoracic Metamorphosis

1979 — Brian Barratt-Boyes, MD

Cardiothoracic Surgery in the Antipodes



1978 — Donald Ross, MD

Cardiac Surgery—The Golden Years

1977 — Charles Dubost, MD

1973 — Thomas H. Sellors, MD

The Generality of Surgery

1972 — C. Rollins Hanlon, MD

Specialization in Medicine

1971 — Roger O. Egeberg, MD

1970 — Leo Eloesser, MD

Milestones In Chest Surgery

1969 — E.J. Zerbini, MD

The Surgical Treatment of Tetralogy of Fallot

1968 — Christiaan N. Barnard, MD

Experience with Human Heart Transplantation

1967 — Viking Olov Bjork, MD

Methods in Open Heart Surgery

1966 — Ronald Belsey, MD

Functional Diseases of the Esophagus and their Surgical Management

1965 — A. Gerard Brom, MD

Narrowing of the Aortic Isthmus and Enlargement of the Mind

1964 — I. Boerema, MD

The Use of Hyperbaric Oxygen in Thoracic Surgery

1963 — Andrew Logan, MD

The Surgical Treatment of Carcinoma of the Esophagus and Cardia

1962 — Norman R. Barrett, MD

Earle W. Wilkins, Jr., MD

Publish or Perish Experience With 500 Cases of Hiatus Hernia

1961 — A.L. d'Abreu, MD

Thoracic Surgery in the Commonwealth of Medicine

1960 — Alfonso Topete, MD

New Findings in the Coronary-Encephalic Perfusion in Depressive Surgical Cases

THE AATS GRAHAM RESEARCH FOUNDATION

The American Association for Thoracic Surgery (AATS), founded in 1917, began the Graham Traveling Fellows program in 1951, as part of its research initiatives. Since its founding in 1973, the AATS Graham Research Foundation has served as the funding arm of the Association's research initiatives. In addition to Graham Fellows that have been selected to spend a year studying in North America, a number of additional initiatives have been created to address the research needs of the specialty.

In 2013, the Foundation continues to evolve with the needs of the specialty and has initiated new programs. In the years ahead, the Foundation intends to continue providing and formulating new initiatives that are of value to the cardiothoracic surgery specialty and fulfill the AATS and AATS Graham Research Foundation's mission.

Mission

The mission of the AATS Graham Research Foundation is *driving leadership, learning and innovation in the pursuit of excellence*.

Vision

We envision a dynamic and innovative future of continued excellence for cardiothoracic surgery.

Board of Directors

The AATS Graham Research Foundation exists to help support the work of the American Association for Thoracic Surgery (AATS). The Board of Directors of AATS Graham Research Foundation works to ensure that the Foundation achieves its mission and vision through strategic planning inspired by its values of academic exchange, innovation and collaboration, advancing patient care, fostering leadership, and trusted stewardship.

President: David J. Sugarbaker, M.D. – Boston, MA

Vice President: Thoralf M. Sundt, III, M.D. – Boston, MA

Secretary/Treasurer: Thomas L. Spray, M.D. – Philadelphia, PA

Raphael Bueno, M.D. – Boston, MA

Timothy J. Gardner, M.D. – Newark, DE

J. William Gaynor, M.D. – Philadelphia, PA

Hartzell V. Schaff, M.D. – Rochester, MN

Craig R. Smith, M.D. – New York, NY



Advisory Council

The Advisory Council identifies innovative challenges within the specialty where resources might best be utilized and proposes potential collaborative ventures.

Chair: Timothy J. Gardner, M.D. – Newark, DE

David H. Adams, M.D. – New York, NY

Emile A. Bacha, M.D. – New York, NY

Joseph E. Bavaria, M.D. – Philadelphia, PA

Bryan F. Meyers, M.D. – St. Louis, MO

Development Committee

The Development Committee identifies, develops, and implements funding sources for Foundation initiatives.

Chair: Raphael Bueno, M.D. – Boston, MA

James D. Luketich, M.D. – Pittsburgh, PA

Mehmet C. Oz, M.D. – New York, NY

Jack A. Roth, M.D. – Houston, TX

Lars G. Svensson, M.D. – Cleveland, OH

James S. Tweddell, M.D. – Milwaukee, WI

EVARTS A. GRAHAM MEMORIAL TRAVELING FELLOWSHIP

The Evarts A. Graham Memorial Traveling Fellowship was established in 1951 by the American Association for Thoracic Surgery. Funded and administered through the AATS Graham 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/her overall training and increase his/her 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, 61 young surgeons from 30 countries have completed their training at thoracic surgical centers.

- | | | |
|----|---------|---|
| 1. | 1951-52 | L.L. Whytehead, MD, FRCS, Canada |
| 2. | 1953-54 | W.B. Ferguson, MB, FRCS, England |
| 3. | 1954-55 | Lance L. Bromley, M., Chir, FRCS, England |
| 4. | 1955-56 | Raymond L. Hurt, FRCS, England |
| 5. | 1956-57 | Mathias Paneth, FRCS, England |
| 6. | 1957-58 | Peter L. Brunnen, FRCS, Scotland |
| 7. | 1958-59 | N.G. Meyne, MD, Holland |
| 8. | 1960-61 | Godrej S. Karai, MD, India |
| 9. | 1961-62 | Fritz Helmer, MD, Austria |

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10.	1962-63	Theodor M. Scheinin, MD, Finland
11.	1963-64	Masahiro Saigusa, MD, Japan
12.	1963-64	Adar J. Hallen, MD, Sweden
13.	1964-65	Stuart C. Lennox, MD, England
14.	1964-65	Elias Carapistolis, MD, FACS, Greece
15.	1965-66	Gerhard Friehs, MD, Austria
16.	1965-66	Ary Blesovsky, MD, England
17.	1966-67	C. Peter Clarke, FRACS, Australia
18.	1966-67	G.B. Parulkar, MD, India
19.	1967-68	Claus Jessen, MD, Denmark
20.	1969-70	Peter Bruecke, MD, Austria
21.	1970-71	Michel S. Slim, MD, Lebanon
22.	1971-72	Severi Pellervo Mattila, MD, Finland
23.	1972-73	Yasuyuki Fujiwara, MD, Japan
24.	1973-74	Marc Roger deLeval, MD, England
25.	1974-75	J.J. DeWet Lubbe, MD, South Africa
26.	1975-76	Mieczyslaw Trenkner, MD, Poland
27.	1976-77	Bum Koo Cho, MD, Korea
28.	1977-78	Alan William Gale, MD, Australia
29.	1978-79	Eduardo Otero Coto, MD, Spain
30.	1981-82	Richard Firmin, MD, England
31.	1981-82	Claudio A. Salles, MD, Brazil
32.	1982-83	Yasuhisa Shimazaki, MD, Japan
33.	1983-84	Georg S. Kobinia, MD, Austria
34.	1984-85	Aram Smolinsky, MD, Israel
35.	1985-86	Florentino J. Vargas, MD, Argentina
36.	1986-87	Ari L.J. Harjula, MD, Finland
37.	1987-88	Byung-Chul Chang, MD, Korea
38.	1988-89	Wang Cheng, MD, P.R. China
39.	1989-90	Christopher Knott-Craig, MD, South Africa
40.	1991-92	Ko Bando, MD, PhD, Japan
41.	1992-93	Timothy E. Oaks, MD, United States
42.	1993-94	Alain Serraf, MD, Morocco
43.	1995-96	Cornelius McKown Dyke, MD, United States
44.	1996-97	Monica Robotin-Johnson, MD, France
45.	1997-98	Jun Wan, MD, P.R. of China
46.	1998-99	Christian Kreutzer, MD, Argentina
47.	1999-00	Anders Franco-Cereceda, MD, Sweden
48.	2000-01	Albertus M. Scheule, MD, Germany
49.	2001-02	Anna Maria Ciccone, MD, Italy
50.	2002-03	Cliff K.C. Choong, MD, New Zealand
51.	2003-04	Edvin Prifti, MD, Albania
52.	2004-05	Smruti Ranjan Mohanty, MD, India
53.	2005-06	Zsolt Tóth, MD, Hungary
54.	2006-07	Ari Mennander, MD, Finland
55.	2007-08	Ioannis Toumpoulis, MD, Greece
56.	2008-09	Sachin Talwar, MD, India
57.	2009-10	Juan J. Fibla, MD, PhD, Spain
58.	2010-11	Mohsen Ibrahim, MD, Italy
59.	2011-12	Zhigang Li, MD, Shanghai, China
60.	2012-13	Stephane Collaud, MD, Zurich, Switzerland
61.	2013-14	Haifeng Wang, Shanghai, China



Research Scholarship Recipients

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

Second John Kirklin Research Scholarship

2013-2015 Min Kim, MD
The Methodist Hospital

David C. Sabiston Research Scholarship

2012-2014 Pavan Atluri, MD
University of Pennsylvania

Michael E. DeBakey Research Scholarship

2011-2013 Marcelo Cypel, MD, MSc
University of Toronto
Frederick Tibayan, MD
Oregon Health and Science University

Third Alfred Blalock Research Scholarship

2010-2012 Matthias Peltz, MD
University of Texas Southwestern Medical Center

Third Edward D. Churchill Research Scholarship

2009-2011 Prasad S. Adusumilli, MD
Memorial Sloan-Kettering Cancer Center
William M. Yarbrough, MD
Medical University of South Carolina

Norman E. Shumway Research Scholarship

2008-2010 Alexander S. Krupnick, MD
Washington University
Michael P. Fischbein, MD
Stanford University

Second Dwight Harken Research Scholarship

2007-2009 Shu S. Lin, MD
Duke University Medical Center

John W. Kirklin Research Scholarship

2006-2008 Daniel Kreisel, MD
Washington University
Christine Lau, MD
University of Michigan

Second Andrew G. Morrow Research Scholarship

2005-2007 Marc de Perrot, MD, MSc
University of Toronto/Toronto General Hospital
Frederick Y. Chen, MD
Brigham & Women's Hospital

Second John Alexander Research Scholarship

2004-2006 King F. Kwong, MD
University of Maryland

Second Robert E. Gross Research Scholarship

2003-2005 Ross M. Bremner, MD, PhD
St. Joseph's Hospital
Vivek Rao, MD, PhD
Toronto General Hospital

Second Alton Ochsner Research Scholarship

2002-2004 Yolonda L. Colson, MD
Brigham & Women's Hospital
Michael S. Mulligan, MD
University of Washington Medical Center

Second John H. Gibbon, Jr. Research Scholarship

2001-2003 Richard J. Battaferano, MD, PhD
University of Maryland
Carmelo A. Milano, MD
Duke University Medical Center

Second Alfred Blalock Research Scholarship

2000-2002 Abbas Ardehali, MD
UCLA School of Medicine
Thomas K. Waddell, MD, MSc, PhD
University of Toronto and Toronto General Hospital

The Second Edward D. Churchill Research Scholarship

1999-2001 Joseph B. Shrager, MD
University of Pennsylvania

Dwight Harken Research Scholarship

1998-2000 Bruce Rosengard, MD
Massachusetts General Hospital

Andrew G. Morrow Research Scholarship

1997-1999 Stephen C. Yang, MD
Johns Hopkins University School of Medicine

John Alexander Research Scholarship

1996-1998 Richard Norris Pierson, III, MD
University of Maryland

Robert E. Gross Research Scholarship

1994-1996 Mehmet C. Oz, MD
Columbia Presbyterian Medical Center
Thoralf M. Sundt, III, MD
Massachusetts General Hospital

Alton Ochsner Research Scholarship

1992-1994 David H. Adams, MD
Brigham and Women's Hospital

John H. Gibbon, Jr., Research Scholarship

1990-1992 Donald D. Glower, MD
Duke University Medical Center



Alfred Blalock Research Scholarship

1988-1990 Gus J. Vlahakes, MD
Massachusetts General Hospital and
Harvard Medical School

Edward D. Churchill Research Scholarship

1986-1988 Mark K. Ferguson, MD
University of Chicago, Department of Surgery

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 *The Journal of Thoracic and Cardiovascular Surgery*.

Recipients

2013	Eugene H. Blackstone, Cleveland, OH
2011	Marc R. de Leval London, United Kingdom
2010	Richard D. Weisel, Toronto, ON, Canada
2008	Andrew S. Wechsler, Philadelphia, PA
2007	Gerald D. Buckberg, Los Angeles, CA
2005	Alain F. Carpentier, Paris, France
2000	Denton A. Cooley, Houston, TX
1999	Michael E. DeBakey, Houston, TX
1998	Norman E. Shumway, Stanford, CA
1995	John W. Kirklin, Birmingham, AL

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.

Recipients

2013	Eugene Braunwald, Boston, MA
2009	Thomas B. Ferguson, St. Louis, MO
2007	Frank C. Spencer, New York, NY
2004	F. Griffith Pearson, Toronto, ON, Canada

Lifetime Distinguished Service Award

Recipients

2008	William T. Maloney
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C. WALTON LILLEHEI RESIDENT FORUM

The C. Walton Lillehei Forum recognizes the extraordinary contributions to our specialty by a great innovator in congenial and vascular disease. Selected by the Research Scholarship Committee, the recipient received a \$5,000 award.

C. Walton Lillehei Past Winners:

- 2012** **Jessica A. Yu, Aurora, CO**
Knockdown of Secretory Phospholipase A2 Reduces Lung Cancer Growth In Vitro and In Vivo
- 2011** **Damien J. LaPar, Charlottesville, VA**
Pretreatment Strategy with Adenosine A2A Receptor Agonist Attenuates Reperfusion Injury in a Preclinical Porcine Lung Transplantation Model
- 2010** **Bobby Yanagawa, Toronto, ON, Canada**
BRCA1 is a Novel Regulator of Cardiac Function via Altering Myocardial Substrate Utilization and Mitochondrial Bioenergetics
- 2009** **J. Raymond Fitzpatrick, Philadelphia, PA**
Tissue Engineered Pro-Angiogenic Fibroblast Matrix Improves Myocardial Perfusion and Function and Limits Ventricular Remodeling Following Infarction
- 2008** **Turner C. Lisle, Charlottesville, VA**
Inflammatory Lung Injury After Cardiopulmonary Bypass Is Attenuated by Adenosine A2A Receptor Activation
- 2007** **Leo M. Gazoni, Charlottesville, NC**
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
- 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 Transplantation-Level Immunosuppression

2012–2013
ALPHABETICAL ROSTER

(Current as of March, 2013)

IMPORTANT NOTICE: Members may access complete contact information in the members section of www.aats.org

HONORARY MEMBERS

Abbey-Smith, R	Naef, Andreas P
Binet, Jean-Paul	O'Brien, Mark F
Borst, Hans G	Ross, Donald N
Carpentier, Alain F	Stark, Jaroslav F
de Leval, Marc R	Taylor, Kenneth M
Fontan, Francis M	Turina, Marko I
Herrera-Llerandi, Rodolfo	Weisel, Richard D
Jatene, Adib D	West, John B
Lerut, Antoon EMR	Yacoub, Magdi
Maloney, William T	

MEMBERS

A	Alfieri, Ottavio R
	*Alford, William
*Aaron, Benjamin L	Al-Halees, Zohair Y
*Abe, Tomio	Allan, James S
*Aberg, Torkel H	Allen, Keith B
Accola, Kevin D	Allen, Margaret D
*Acinapura, Anthony J	Allen, Mark S
Acker, Michael A	*Allen, Peter
Ad, Niv	Almassi, Hossein
*Adam, Maurice	*Almond, Carl H
Adams, David H	Altorki, Nasser K
Adams, Peter X	Amano, Atsushi
*Adler, Richard H	*Amato, Joseph J
Agnihotri, Arvind K	*Anagnostopoulos, C.E.
Ailawadi, Gorav	*Andersen, Murray N
Akhter, Shahab	*Anderson, Robert W
Akins, Cary W	Andrade, Rafael S
Aklog, Lishan	*Andrews, Neil C
*Albers, John E	Angelini, Gianni D
Aldea, Gabriel S	*Angell, William W
*Alexander, James A	*Ankeney, Jay L
*Alexi-Meskishvili, Vladimir	Antunes, Manuel J

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Anyanwu, Anelechi C
Arabia, Francisco A
Aranki, Sary F
*Arbulu, Agustin
*Arciniegas, Eduardo
Ardehali, Abbas
Argenziano, Michael
*Aris, Alejandro
Armitage, John Ma
Arora, Rakesh C
Aru, Giorgio M
Ascione, Raimondo
*Ashcraft, Keith W
Athanasuleas, Constantine L
*Attai, Lari A
*Attar, Safuh
*Austen, W. Gerald
Austin, Erle H

B

Bacha, Emile A
Bachet, Jean E
Baciewicz, Frank A
Backer, Carl L
Badhwar, Vinay
*Bailey, Leonard L
*Bains, Manjit S
*Baird, Ronald J
Bakaeen, Faisal G
Baker, Craig J
*Baker, Lenox D
*Baker, R. Robinson
Baldwin, John C
Banbury, Michael K
Bando, Ko
*Barker, Walter L
*Barner, Hendrick B
*Barnhorst, Donald A
*Barsamian, Ernest M
*Bartlett, Robert H
*Barwinsky, Jaroslaw
Battafarano, Richard J
*Baudet, Eugene M
Baumgartner, William A

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Bavaria, Joseph E
Beaver, Thomas M
*Behrendt, Douglas M
*Bello, Alexis G
*Bender, Harvey W
*Benfield, John R
*Berg, Ralph
*Berger, Robert L
*Bergmann, Martin
*Berkoff, Herbert A
*Bernhard, William F
*Berry, B. Eugene
Best, Lael Anson
Beyersdorf, Friedhelm
*Bhayana, Joginder N
Bilfinger, Thomas V
*Bircks, Wolfgang H
*Black, Harrison
*Blackstone, Eugene H
*Blake, Hu AI
Blakeman, Bradford P
*Blalock, John B
Blanche, Carlos
*Blondeau, Philip
*Bloodwell, Robert D
*Blundell, Peter E
*Bockeria, Leo A
Bolling, Steven F
Bolman, R. Morton
Bolton, J.W. Randolph
*Bonchek, Lawrence I
Borger, Michael A
Borkon, A. Michael
Bortolotti, Uberto
*Bougas, James A
Bove, Edward L
*Bowles, L. Thompson
*Bowman, Frederick
*Boyd, Arthur D
*Boyd, Thomas F
*Bradham, R. Randolph
Bradley, Scott M
*Braile, Domingo M
*Brambridge, Mark V

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- | | |
|-----------------------------|-------------------------|
| *Brandt, Berkeley | Casselmann, Filip P |
| *Bredenberg, Carl E | Cassivi, Stephen D |
| *Bregman, David | Casson, Alan G |
| Breyer, Robert H | *Castaneda, Aldo R |
| *Bricker, Donald L | *Center, Sol |
| Bridges, Charles R | Cerfolio, Robert J |
| Brock, Malcolm V | Chachques, Juan C |
| *Brodman, Richard F | *Champsaur, Gerard L |
| *Brott, Walter H | Chang, Andrew C |
| Brown, James M | Chang, Byung-Chul |
| Brown, John W | Chapelier, Alain R |
| *Bruecke, Peter E | *Chartrand, Claude C.C. |
| Brunelli, Alessandro | Chauvaud, Sylvain M |
| *Brutel De La Riviere, Aart | *Chaux, Aurelio |
| *Bryant, Lester R | Chen, Edward P |
| *Buckberg, Gerald D | Chen, Frederick Y |
| Bueno, Raphael | Chen, Haiquan S |
| Bull, David A | Chen, Jonathan M |
| Burdon, Thomas A | Chen, Ke-Neng |
| Burkhart, Harold M | *Cherian, K. Mammen |
| Burton, Nelson A | *Ching, Nathaniel P |
| *Butchart, Eric G | Chitwood, W. Randolph |
| *Buxton, Brian F | *Chiu, Chu-Jeng (Ray) |
| Byrne, John G | *Cho, Bum-Koo |
| | *Chopra, Paramjeet S |
| C | Christakis, George T |
| | Christie, Neil |
| *Cabrol, Christian E A | Cicek, Sertac |
| Calafiore, Antonio M | *Cimochowski, George E |
| Caldarone, Christopher A | *Clark, Richard E |
| Calhoon, John H | *Clarke, David R |
| *Callard, George M | Cleveland, Joseph C |
| Cameron, Duke E | Cobanoglu, Adnan |
| *Camishion, Rudolph C | Cochran, Richard P |
| Campbell, Charles D | *Codd, John E |
| *Campbell, Daniel C | Cohen, David J |
| Campbell, David N | Cohen, Gordon A |
| Campbell, David B | Cohen, Robbin G |
| *Campbell, Gilbert S | *Cohn, Lawrence H |
| Canver, Charles C | Cohn, William E |
| Cardarelli, Marcelo G | Coles, John G |
| *Carey, Joseph S | Colson, Yolonda L |
| Carpenter, Andrea J | Comas, Juan V |
| Carrel, Thierry-Pierre | *Conklin, Edward F |
| Carrier, Michel | |
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- | | |
|----------------------|------------------------|
| *Conlan, A. Alan | *Dart, Charles H |
| *Connolly, John E | Dartevelle, Philippe G |
| *Connors, John P | Date, Hiroshi |
| *Conrad, Peter W | David, Tirone E |
| Conte, John V | *Davila, Julio C |
| Conti, Vincent R | *Davis, J. Terrance |
| *Cook, William A | Davis, Robert D |
| *Cooley, Denton A | De Leyn, Paul |
| *Cooper, Joel D | De Paulis, Ruggero |
| *Copeland, Jack G | De Perrot, Marc |
| *Cornell, William P | *Deac, Radu C |
| Corno, Antonio F | DeAnda, Abe |
| Coselli, Joseph S | Dearani, Joseph A |
| *Cosgrove, Delos M | DeCamp, Malcolm M |
| *Cossette, Robert | *DeCamp, Paul T |
| *Cotrufo, Maurizio | DeCampi, William M |
| Couper, Gregory S | Deeb, G. Michael |
| *Couraud, Louis | del Nido, Pedro J |
| *Cox, James L | *DeLaria, Giacomo A |
| Crabtree, Traves D | *DeLeon, Serafin Y |
| *Craver, Joseph M | Delius, Ralph E |
| *Craver, William L | *DelRossi, Anthony J |
| *Crawford, Fred A | Dembitsky, Walter P |
| Crestanello, Juan A | DeMeester, Steven R |
| *Crosby, Ivan K | *DeMeester, Tom R |
| Culliford, Alfred T | Demmy, Todd L |
| *Curtis, Jack J | *Demos, Nicholas J |
| D | *DeMuth, William E |
| d'Udekem, Yves | DeRose, Joseph J |
| Da Silva, Jose Pedro | Deschamps, Claude |
| Daebritz, Sabine H | *Deslauriers, Jean |
| *Daenen, Willem J | Detterbeck, Frank C |
| *Daggett, Willard M | Devaney, Eric J |
| *Daicoff, George | *DeWall, Richard A |
| *Dalton, Martin L | *DeWeese, James A |
| *Daly, Benedict D.T. | Di Donato, Roberto M |
| Daly, Richard C | Diehl, James T |
| Damiano, Ralph J | Dietl, Charles A |
| D'Amico, Thomas A | DiMaio, J. Michael |
| *Daniel, Thomas M | Dion, Robert A |
| *Danielson, Gordon K | DiSesa, Verdi J |
| Dark, John H | *Dobell, Anthony RC |
| Darling, Gail E | *Donahoo, James |
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*Doty, Donald B	*Feola, Mario
D'Ovidio, Frank	Ferguson, Mark K
Dowling, Robert D	Ferguson, T. Bruce
Downey, Robert J	*Ferguson, Thomas B
Dreyfus, Gilles D	Fernando, Hiran C
Drinkwater, Davis C	*Ferraris, Victor A
Duncan, Brian W	Ferraro, Pasquale
*Duran, Carlos Gomez	Filsoufi, Farzan
*Duranceau, Andre CH	Finley, Richard J
Dyke, Cornelius M	Fiore, Andrew C
Dzemeshevich, Sergey L	Firstenberg, Michael S

E

*Ecker, Roger R	*Fisher, R. Darryl
Edgerton, James R	*Fishman, Noel H
*Edie, Richard N	*Fisk, R. Leighton
*Edmunds, L. Henry	Flameng, Willem J
*Edwards, Fred H	*Flege, John B
Egan, Thomas M	*Fleming, William H
Eghtesady, Pirooz	Flores, Raja M
El Khoury, Gebrine	*Flynn, Pierce J
*Elbeery, Joseph R	*Fogarty, Thomas J
Eleftheriades, John A	*Foker, John E
*Elkins, Ronald C	Follette, David M
Elliott, Martin J	*Fonkalsrud, Eric W
*Ellis, Robert J	Fontana, Gregory P
*Emery, Robert W	Forbess, Joseph
*Engelman, Richard M	Force, Seth D
Ergin, M. Arisan	*Ford, Joseph M
*Espada, J. Rafael	*Fosburg, Richard G
Estrera, Aaron S	*Foster, Eric D
Estrera, Anthony L	Fraser, Charles D
	*Frater, Robert WM
	*Frazier, O. Howard
	Freed, Darren H
	Freeman, Richard K
	Fremes, Stephen E
	Friedberg, Joseph S
	Frigiola, Alessandro
	*Fry, Willard A
	*Fujimura, Shigefumi
	Fullerton, David A
	Furnary, Anthony P

F

*Faber, L. Penfield	
Fadel, Elie	
Faggian, Giuseppe G	
Falk, Volkmar	
Fann, James I	
Favaloro, Roberto R	
Fedak, Paul W	
Feindel, Christopher M	
Feins, Richard H	

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G

*Gaensler, Edward A
 *Gago, Otto
 Gaissert, Henning A
 Galantowicz, Mark E
 Galloway, Aubrey C
 Gammie, James S
 Gandhi, Sanjiv K
 *Gannon, Paul G
 Gao, Changqing
 *Garamella, Joseph J
 *Gardner, Timothy J
 Garrett, H. Edward
 *Garzon, Antonio A
 *Gay, William A
 Gaynor, J. William
 *Gazzaniga, Alan B
 *Gebauer, Paul W
 *Geha, Alexander S
 *Gelfand, Elliot T
 *Gentsch, Thomas O
 *Gerard, Franklyn P
 *Gerbasi, Francis S
 Gerosa, Gino
 *Gerst, Paul H
 *Gielchinsky, Isaac
 *Gilbert, Joseph
 Gillinov, A. Marc
 Girardi, Leonard N
 Gleason, Thomas G
 Glower, Donald D
 *Gobbel, Walter G
 Gold, Jeffrey P
 *Goldberg, Melvyn
 *Goldin, Marshall D
 *Goldman, Bernard S
 Goldman, Scott M
 Goldstein, Daniel
 *Goldstraw, Peter
 *Gomes, Mario N
 *Gonzalez, Luis L
 *Gonzalez-Lavin, Lorenzo
 Gorman, Joseph H

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Gorman, Robert C
 Gott, John Parker
 *Gott, Vincent L
 Graeber, Geoffrey M
 *Gray, Laman A
 *Green, George E
 *Greenberg, Jack J
 Greenberg, Roy K
 *Greenfield, Lazar J
 Gregoric, Igor D
 *Griepp, Randall B
 Griffith, Bartley P
 Grodzki, Tomasz
 *Grondin, Claude M
 *Grondin, Pierre R
 Grossi, Eugene A
 *Grover, Frederick L
 Grunenwald, Dominique H
 *Guernsey, James M
 Guerraty, Albert J
 *Guiraudon, Gerard M
 Gustafson, Robert A
 Guyton, Robert A

H

Haasler, George B
 Haaverstad, Rune
 Haft, Jonathan W
 *Hall, David P
 *Haller, J. Alex
 *Hallman, Grady L
 *Hammon, John W
 *Hammond, Graeme L
 Handy, John R
 Hanley, Frank L
 *Hardesty, Robert L
 Hargrove, W. Clark
 Harjula, Ari LJ
 *Harken, Alden H
 Harlan, Bradley J
 Harpole, David H
 Harrison, Lynn H
 *Harrison, Robert W
 *Hartz, Renee S

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*Hasse, Joachim TW
 *Hatcher, Charles R
 Haverich, Axel
 Hazelrigg, Stephen R
 He, Guo-Wei
 *Head, Louis R
 *Heimbecker, Raymond
 Heinle, Jeffrey S
 Heitmiller, Richard F
 *Helmsworth, James A
 Hendry, Paul J
 *Henly, Walter S
 *Herr, Rodney H
 Hetzer, Roland
 *Hewitt, Robert L
 *Heydorn, William H
 Hicks, George L
 Higgins, Robert SD
 *Hill, J. Donald
 Hill, Ronald C
 Hines, George L
 Hiratzka, Loren F
 Hirose, Hitoshi
 *Hirose, Teruo
 Hirsch, Gregory M
 Hirsch, Jennifer C
 Hochberg, Mark S
 Hofstetter, Wayne L
 *Holder, Thomas M
 *Holland, Robert H
 Holman, William L
 *Holmes, E. Carmack
 *Holswade, George R
 *Hood, R. Maurice
 *Hood, Richard H
 Hoover, Eddie L
 *Hopeman, Alan R
 Hopkins, Richard A
 Horvath, Keith A
 Hu, Shengshou
 Huddleston, Charles B
 *Hudspeth, Allen S
 Hughes, G. Chad
 *Hughes, Richard K

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*Humphrey, Edward W
 *Hutchin, Peter

I

Iannettoni, Mark D
 Ikonomidis, John S
 Ilbawi, Michel N
 *Imai, Yasuharu
 *Isom, O. Wayne
 Isomura, Tadashi
 *Iverson, Leigh I
 Ivey, Tom D
 *Iwa, Takashi
 Iyer, Krishna S

J

Jablons, David M
 Jacobs, Jeffrey P
 Jacobs, Marshall L
 Jagers, James
 Jahangiri, Marjan
 *Jahnke, Edward J
 Jaklitsch, Michael T
 Jakob, Heinz G
 Jamieson, Stuart W
 *Jamieson, W. R. Eric
 *Jansen, Erik WL
 Jaquiss, Robert D
 *Jaretzki, Alfred
 *Javid, Hushang
 Jebara, Victor A
 Jeevanandam, Valluvan
 Jegaden, Olivier L
 Jessen, Michael E
 John, Ranjit
 Johnson, Robert G
 *Johnson, W. Dudley
 *Johnston, J. Harvey
 *Johnston, Michael R
 Jonas, Richard A
 Jones, David R
 *Jones, James W
 Jones, Kent W



*Jones, Robert H
Joyce, Lyle D
*Jude, James R

K

*Kabbani, Sami S
*Kahn, Donald R
*Kaiser, George C
*Kaiser, Gerard A
Kaiser, Larry R
*Kakos, Gerard S
Kalangos, Afksendiyos
Kanter, Kirk R
Kappetein, A. Pieter
Karl, Tom R
Karwande, Shreekanth V
Katz, Nevin M
*Kawashima, Yasunaru
*Kay, Jerome H
*Kaye, Michael P
*Kazui, Teruhisa
Keenan, Robert J
Kelly, Rosemary
*Kennedy, John H
Keogh, Bruce E
*Keon, Wilbert J
Kern, John A
Kernstine, Kemp H
*Kerth, William J
Keshavjee, Shaf
*Keshishian, John M
Kesler, Kenneth A
Khabbaz, Kamal R
Khaghani, Asghar
*Khonsari, Siavosh
Khoynezhad, Ali
*Killen, Duncan A
*Kilman, James W
Kim, Ki-Bong
Kincaid, Edward H
*King, Harold
*King, Robert D
*King, Thomas C
Kirby, Thomas J
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Kirklin, James K
*Kirschner, Paul A
*Kirsh, Marvin M
Kirshbom, Paul M
*Kiser, Joseph C
*Kitamura, Soichiro
*Kittle, C. Frederick
Kleinloog, Robert
Klepetko, Walter
Kobayashi, Junjiro
*Koerfer, Reiner
Kogon, Brian E
Kohman, Leslie J
*Kolff, Jacob
Komeda, Masashi
Kon, Neal D
Konstantinov, Igor E
Kopf, Gary S
Kormos, Robert L
Korst, Robert J
Koshal, Arvind
*Koster, J. Kenneth
*Kouchoukos, Nicholas T
*Koyanagi, Hitoshi
Kozower, Benjamin D
*Kraeft, Nelson H
Krasna, Mark J
Kratz, John M
*Krause, Albert H
Kreisel, Daniel
Kreutzer, Christian
*Kreutzer, Guillermo O
Krieger, Karl H
Kron, Irving L
*Kroncke, George M
Krupnick, Alexander S
Kurlansky, Paul A
Kurosawa, Hiromi
Kuzdzal, Jaroslaw
Kypson, Alan P

L

Lacour-Gayet, Francois G
Ladowski, Joseph S

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Lahey, Stephen J
*Lajos, Thomas Z
*Laks, Hillel
*Lambert, Cary J
*Lamberti, John J
Landolfo, Kevin P
Landreneau, Rodney J
*Landymore, Roderick W
Lange, Rudiger S
Lansman, Steven L
Lanuti, Michael
*Lasley, Charles H
Lau, Christine L
Laufer, Guenther
Lawrie, Gerald M
Lawton, Jennifer S
Lazar, Harold L
Leavitt, Bruce J
*Lee, Arthur B
Lee, Chuen-Neng
Lee, Jae Won
*Lee, Myles E
Lee, Paul C
*Lefemine, Armand A
*Lefrak, Edward A
Legare, Jean-Francois
*Leininger, Bernard J
LeMaire, Scott A
Lemmer, John H
*Lemole, Gerald M
*Lennox, Stuart C
Leschber, Gunda
Letsou, George V
Levett, James M
*Levine, Frederick H
*Levitsky, Sidney
*Lewis, J. Eugene
*Li, Wei-i
Liao, Kenneth K
Lima, Ricardo C
Lin, Shu S
*Linberg, Eugene J
*Lincoln, Christopher R
Lindberg, Harald L

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Lindblom, Dan
Linden, Philip A
*Lindsey, Edward S
Liptay, Michael J
Little, Virginia R
*Little, Alex G
*Litwak, Robert S
*Litwin, S. Bert
Liu, Jinfen
Liu, Xiao-Cheng
Livi, Ugolino
Lobdell, Kevin W
*LoCicero, Joseph
Loebe, Matthias
Lofland, Gary K
*Logan, William D
Loisance, Daniel Y
*Loop, Floyd D
*Love, Jack W
Love, Robert B
*Lowe, James E
*Lui, Alfred HF
Luketich, James D
Lupinetti, F. Mark
Lytle, Bruce W

M

Macchiarini, Paolo
MacGillivray, Thomas E
Macha, Mahender
Mack, Michael J
*Mackenzie, James W
*MacLean, Lloyd D
*MacVaugh, Horace
Madani, Michael M
Maddaus, Michael A
Madsen, Joren C
Magee, Mitchell J
Magovern, George J
*Magovern, George J
Mahomed, Yousuf
Mainwaring, Richard D
*Malcolm, John A
Malec, Edward J

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FOR THORACIC SURGERY



*Malm, James R	*McMullan, Martin H
*Maloney, James V	*McNamara, J. Judson
Mancini, Mary C	*McPhail, Jasper L
*Mandal, Ashis K	*Meckstroth, Charles
*Mandelbaum, Isidore	*Mee, Roger B
*Manhas, Dev R	Mehran, Reza J
Manning, Peter B	*Meier, Milton A
Mannion, John D	Meldrum, Daniel R
*Mansfield, Peter B	Melfi, Franca M.A
*Mansour, Kamal A	Menasche, Philippe
*Mark, James BD	Mendeloff, Eric N
*Marrin, Charles AS	Menicanti, Lorenzo A
Marshall, M. Blair	Menkis, Alan H
Martinez-Leon, Juan	Mennander, Ari A
Maruszewski, Bohdan J	Mentzer, Robert M
Mason, David P	Mentzer, Steven J
*Mason, G. Robert	*Meredith, Jesse H
Massad, Malek G	Merrick, Scot H
Massard, Gilbert	Merrill, Walter H
Mathisen, Douglas J	Mesana, Thierry G
*Matloff, Jack M	*Messmer, Bruno J
*Matsuda, Hikaru	Mestres, Carlos A
*Mattila, Severi P	*Metras, Dominique R
Mattioli, Sandro	Meyer, Dan M
*Mattox, Kenneth L	Meyers, Bryan F
Mavroudis, Constantine	*Michaelis, Lawrence
Mayer, John E	Michler, Robert E
McCarthy, Patrick M	*Mickleborough, Lynda L
*McCord, Colin W	*Midgley, Frank M
*McCormack, Patricia M	Mihaljevic, Tomislav
McCurry, Kenneth R	Milano, Carmelo A
*McElvein, Richard B	Mill, Michael R
*McEnany, M. Terry	*Miller, Arthur C
McFadden, P. Michael	Miller, D. Craig
McGiffin, David C	Miller, Daniel L
*McGough, Edwin C	*Miller, Donald W
McGrath, Lynn B	*Miller, Fletcher A
McGregor, Christopher GA	*Miller, George E
McKenna, Robert J	*Miller, Joseph I
McKenzie, F. Neil	Milliken, Jeffrey C
*McKeown, John J	*Mills, Lawrence J
*McKneally, Martin F	*Mills, Mitchell
*McLaughlin, Joseph S	*Mills, Noel L
McMullan, David M	Mills, Stephen A

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Misbach, Gregory A

Mitchell, John D

Mitchell, Max B

Mitchell, R. Scott

*Miyamoto, Alfonso T

Miyoshi, Shinichiro

Moazami, Nader

Moffatt-Bruce, Susan D

Moggio, Richard A

Mohr, Friedrich W

*Mohri, Hitoshi

*Molina, J. Ernesto

Molins, Laureano

*Moncure, Ashby C

*Monro, James L

*Montoya, Alvaro

Moon, Marc R

*Moore, Thomas C

Moores, Darroch W

Morales, David L

*Moran, John M

Morell, Victor

Moreno-Cabral, Ricardo J

*Morin, Jean E

*Morton, Donald L

*Morton, Jeremy R

Mosca, Ralph S

Motomura, Noboru

Moulton, Anthony L

Mueller, Michael R

*Mulder, David S

*Mulder, Donald G

*Mullany, Charles J

*Mullen, Donald C

Mulligan, Michael S

Muneretto, Claudio

*Murphy, David A

*Murray, Gordon F

Murthy, Sudish C

*Murtra, Marcos

*Myerowitz, P. David

Myers, John L

*Myers, William O

*Senior Member

N

*Najafi, Hassan

Najm, Hani K

Naka, Yoshifumi

Naunheim, Keith S

Navia, Daniel O

Navia, Jose L

*Neerken, A. John

*Neirotti, Rodolfo

*Nelson, Ronald J

*Nelson, Russell M

Nesbitt, Jonathan C

Nguyen, Dao M

Nichols, Francis C

Nitta, Takashi

*Nolan, Stanton P

*Norman, John C

*Northrup, William F

*Norwood, William I

Novick, Richard J

Nugent, William C

Nwogu, Chukumere E

O

*Oakes, David D

Obadia, Jean-Francois Le

*Ochsner, John L

Ogino, Hitoshi

Ohye, Richard G

Okada, Morihito

*Okies, J. Edward

*Okike, Okike N

Okita, Yutaka

*Oldham, H. Newland

*Olinger, Gordon N

*Oliveira, Sergio A

Onaitis, Mark

*O'Neill, Martin J

Orringer, Mark B

*Orszulak, Thomas A

Otero Coto, Eduardo

Ott, David A

Ott, Richard A



*Oury, James H
*Overstreet, John W
Oyer, Philip E
Oz, Mehmet C

P

*Pacifico, Albert D
*Padula, Richard T
Pae, Walter E
Pagani, Francis D
*Pairolero, Peter C
Palatianos, George M
*Pappas, George
*Parenzan, Lucio
Park, Soon J
*Parker, Frederick B
*Parr, Grant VS
*Parsonnet, Victor
Pasque, Michael K
Pass, Harvey I
*Pate, James W
Patel, Himanshu J
*Paton, Bruce C
Patterson, Alec
Pearl, Jeffrey M
*Pearson, F. Griffith
*Pecora, David V
Peeler, Benjamin B
*Pelletier, L. Conrad
*Penido, John RF
Pennathur, Arjun
*Pennington, D. Glenn
Pennock, John L
Pepper, John R
*Peracchia, Alberto
Perrault, Louis P
Petrucchi, Orlando
Pettersson, Gosta B
Pham, Si Mai
*Phillips, Steven J
*Piehler, Jeffrey M
*Pierce, William S
Pierson, Richard N
*Pierucci, Louis

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*Piwnica, Armand H
Pizarro, Christian
*Planche, Claude
*Platt, Melvin R
*Plume, Stephen K
*Pluth, James R
Pochettino, Alberto
Pomar, Jose L
*Pomerantz, Marvin
Pompeo, Eugenio
Poncelet, Alain J
*Pontius, Robert G
*Poppe, J. Karl
Port, Jeffrey L
*Potter, Robert T
Prager, Richard L
Pretre, Rene
*Puga, Francisco J
Puskas, John D
Putnam, Joe B

Q

Quaegebeur, Jan Modest
Quintessenza, James A

R

Raanani, Ehud
*Raffensperger, John
*Rainer, W. Gerald
Raman, Jaishankar
*Rams, James J
*Randolph, Judson G
Rankin, J. Scott
Rao, Vivek
*Rasmussen, Richard A
Ratcliffe, Mark B
Razzouk, Anees J
*Read, Raymond C
Reardon, Michael J
Rebeyka, Ivan M
Reddy, V. Mohan
*Redo, S. Frank

93RD ANNUAL MEETING
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*Reed, George E	S
*Reed, William A	
Reichenspurner, Hermann	Sabik, Joseph F
Reinhartz, Olaf	*Sade, Robert M
*Reis, Robert L	Safi, Hazim J
Reitz, Bruce A	Sako, Edward Y
Rendina, Erino Angelo	Salerno, Tomas A
*Repogle, Robert L	*Salomon, Neal W
*Reul, George J	SampathKumar, A.
*Revuelta, Jose Manuel	Samuels, Louis E
Ricci, Marco	Sanchez, Juan A
Rice, David C	*Sanders, John H
Rice, Thomas W	*Sanderson, Richard G
Rich, Jeffrey B	Sano, Shunji
Richenbacher, Wayne E	Sarris, George E
Ring, W. Steves	*Sasser, William F
*Rivera, Ramiro	*Sauvage, Lester R
*Rivkin, Laurence M	*Sawyer, Philip N
Robbins, Robert C	*Sawyers, John L
*Roberts, Arthur J	Schaefer, Hans-Joachim
Robertson, John M	Schaff, Hartzell V
*Robicsek, Francis	Schlichter, Andres J
*Robinson, Lary A	Schmid, Ralph A
Rocco, Gaetano	Schmoker, Joseph D
Rodefeld, Mark D	Scholz, Peter M
Rodriguez, Evelio	Schreiber, Christian
*Roper, Charles L	Schrump, David S
Roques, Xavier F	Schuchert, Matthew J
Rose, Daniel M	Schueler, Stephan W
Rose, Eric A	*Schwartz, Seymour I
Roselli, Eric E	*Scott, Henry E
Rosengard, Bruce R	*Scott, Meredith L
Rosengart, Todd K	Scott, Walter J
*Rosensweig, Jacob	*Scully, Hugh E
Ross, David B	*Sebening, Fritz
Ross, Patrick	*Selle, Jay G
*Rossi, Nicholas P	*Sellers, Robert D
Roth, Jack A	Sellke, Frank W
Rousou, John A	Selzman, Craig H
Roviaro, Giancarlo	Sergeant, Paul T
*Rubin, Joseph W	Serraf, Alain
Ruel, Marc	*Sethi, Gulshan K
*Rufilanchas Sanchez, Juan J	Shah, Ashish S
Rusch, Valerie W	Shahian, David M

*Senior Member



Shapira, Oz M
Shemin, Richard J
Shennib, Hani
Shimpo, Hideto
Shinoka, Toshiharu
*Shochat, Stephen J
Shrager, Joseph B
Shrestha, Malakh L
Shum-Tim, Dominique
Shumway, Sara J
*Siderys, Harry
Sievers, Hans-Hinrich
*Siewers, Ralph D
*Silver, Arthur W
*Silver, Donald
*Silverman, Norman A
*Simmons, Earl M
*Simmons, Robert L
Singh, Arun K
*Sink, James D
*Sintek, Colleen F
Slaughter, Mark S
*Sloan, Herbert E
Smedira, Nicholas G
Smith, Craig R
Smith, J. Michael
Smith, Peter K
Smythe, William R
*Snow, Norman J
Sonett, Joshua R
Song, Howard K
*Spear, Harold C
Speir, Alan M
*Spencer, Frank C
Spielvogel, David
Spinale, Francis G
*Spotnitz, Henry M
Spotnitz, William D
Spray, Thomas L
*Stanford, William
*Starek, Peter J
Starnes, Vaughn A
*Starr, Albert
*State, David

*Senior Member

Stellin, Giovanni
*Stenstrom, John D
*Stephenson, Larry W
*Stern, Harold
Stewart, Allan S
*Stewart, Scott
*Stiles, Quentin R
*Stoney, William S
*Stranahan, Allan
*Strevey, Tracy E
*Subramanian, S
*Subramanian, Valavanur A
Sugarbaker, David J
*Sullivan, Henry J
Suma, Hisayoshi
Sun, Benjamin
Sundaresan, R. Sudhir
Sundt, Thoralf M
Suri, Rakesh M
*Sutherland, R. Duncan
Svensson, Lars G
Swain, Julie A
*Swan, Kenneth G
Swanson, Scott J
Swisher, Stephen G
*Symbas, Panagiotis
Szeto, Wilson Y

T

Tabayashi, Koichi
*Taber, Rodman E
Taggart, David P
Takamoto, Shinichi
Takanashi, Shuichiro
*Takaro, Timothy
*Tarnay, Thomas J
*Tatooles, Constantine J
Tatoulis, James
Tchervenkov, Christo I
*Tector, Alfred J
*Thal, Alan P
*Thevenet, Andre A
Thistlethwaite, Patricia A
*Thomas, Arthur N

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*Thomas, Clarence S
*Thomas, George I
Thomas, Pascal A
*Thomas, Paul A
*Thomson, Norman B
Thourani, Vinod H
*Thurer, Richard J
*Thurer, Robert L
*Tice, David A
*Timmis, Hilary H
*Todd, Edward P
Todd, Thomas RJ
*Tomatis, Luis A
Torchiana, David F
Toyoda, Yoshiya
Trachiotis, Gregory D
Trastek, Victor F
*Treasure, Robert L
Trento, Alfredo
Tribble, Curtis G
*Tricerri, Fernando E
*Trimble, Alan S
*Trummer, Max J
*Trusler, George A
Tsang, Victor T
Tseng, Elaine E
*Turley, Kevin
*Turney, Stephen Z
Turrentine, Mark W
Tweddell, James S
*Tyers, G. Frank O
*Tyson, Kenneth RT

U

Ueda, Yuichi
*Ulyot, Daniel J
*Unger, Felix H
Ungerleider, Ross M
Unruh, Helmut W

V

Van Arsdell, Glen
*Van De Water, Joseph M

*Senior Member

*Van Heeckeren, Daniel W
Van Raemdonck, Dirk E
Van Schil, Paul E
Van Trigt, Peter
*Van Way, Charles W
*Vander Salm, Thomas J
*Vanecko, Robert M
Vanermen, Hugo KI
Vaporciyan, Ara A
Varela, Gonzalo
Vassiliades, Thomas A
*Vaughn, Cecil C
Vega, J. David
*Veith, Frank J
Venuta, Federico
Verrier, Edward D
Vinten-Johansen, Jakob
Vlahakes, Gus J
vonSegesser, Ludwig K
Vouhe, Pascal R
Vricella, Luca A

W

Wada, Hiromi
Waddell, Thomas K
Wahlers, Thorsten C
Wain, John C
*Wakabayashi, Akio
*Wallace, Robert B
*Walls, Joseph T
*Wallsh, Eugene
*Wallwork, John
Walsh, Garrett L
Walters, Henry L
Walther, Thomas
Wan, Song
Ward, Herbert B
*Wareham, Ellsworth E
Warner, Kenneth G
Warren, William H
Waters, Paul F
Watkins, Levi
*Watson, Donald C
*Webb, Watts R



*Wechsler, Andrew S

Weder, Walter

Wei, Jeng

Weigel, Tracey L

Weiman, Darryl S

*Weinberg, Milton

*Weintraub, Ronald M

*Wellons, Harry A

Wells, Francis C

Wells, Winfield J

Wernly, Jorge A

Westaby, Stephen

*Wheatley, David J

Whitman, Glenn J

Whyte, Richard I

*Wichern, Walter

*Wilkins, Earle W

Williams, Mathew R

*Williams, Thomas E

*Williams, William G

*Williams, Willis H

*Wilson, James Miller

*Wilson, Robert F

*Wisoff, George

Wolf, Randall K

*Wolfe, Walter G

*Wolner, Ernst

Woo, Y. Joseph

Wood, Douglas E

Wright, Cameron D

*Wright, Creighton Bo

Wu, Qingyu

*Wukasch, Don C

Y

Yagihara, Toshikatsu

Yang, Stephen C

Yasufuku, Kazuhiro

*Yasui, Hisataka

Yau, Terrence M

Yee, Edward S

*Yeh, Thomas J

Yendamuri, Sai

Yim, Anthony P

Young, J. Nilas

*Young, William P

Yozu, Ryohei

Yuh, David D

Z

*Zajtchuk, Rostik

Zalaquett, Ricardo A

*Zaroff, Lawrence I

*Zeff, Robert H

Zehr, Kenton J

Zembala, Marian

Zenati, Marco A

Zielinski, Marcin

Ziemer, Gerhard

*Zuhdi, M. Nazih

*Zumbro, G. Lionel

Zwischenberger, Joseph B

2012–2013
GEOGRAPHICAL ROSTER

(Current as of March, 2013)

UNITED STATES

ALABAMA

Birmingham

Athanasuleas, Constantine L
Cerfolio, Robert J
Holman, William L
Kahn, Donald R
Kirklin, James K
McGiffin, David C

Indian Springs

Pacifico, Albert D

Mobile

LoCicero, Joseph, III

Montgomery

Simmons, Earl M

ALASKA

Anchorage

Misbach, Gregory A

ARIZONA

Carefree

Michaelis, Lawrence

Chandler

Shennib, Hani

Phoenix

Pearl, Jeffrey M
Trastek, Victor F

Scottsdale

Fisk, R. Leighton
Mullany, Charles J
Pluth, James R
Vaughn, Cecil C

Tempe

Cornell, William P

Tucson

Greenfield, Lazar J
Little, Alex G
Sanderson, Richard G
Sethi, Gulshan K

ARKANSAS

Little Rock

Campbell, Gilbert S
Read, Raymond C

CALIFORNIA

Alameda

Ecker, Roger R

Bodega Bay

Champsaur, Gerard L

Bonita

Gonzalez-Lavin, Lorenzo

Capistrano Beach

Flynn, Pierce J

Carmel

Iverson, Leigh I
Miller, George E, Jr

Coronado

Silver, Arthur W

Davis

Berkoff, Herbert A

El Macero

Andrews, Neil C

Hillsborough

Thomas, Arthur N
Ullyot, Daniel J

Huntington Beach

Blanche, Carlos

Irvine

Kirsh, Marvin M

La Jolla

Copeland, Jack G
Hutchin, Peter
Jamieson, Stuart W
Madani, Michael M
Swain, Julie A
Thistlethwaite, Patricia A
West, John B

Lakeside

Aaron, Benjamin L

**Loma Linda**

Bailey, Leonard L
Razzouk, Anees J
Wareham, Ellsworth E

Los Angeles

Arabia, Francisco A
Ardehali, Abbas
Baker, Craig J
Benfield, John R
Buckberg, Gerald D
Cohen, Robbin G
DeMeester, Steven R
Holmes, E. Carmack
Kay, Jerome H
Khoynezhad, Ali
Laks, Hillel
Lee, Myles E
Maloney, James V, Jr
Matloff, Jack M
McFadden, P. Michael
McKenna, Robert J, Jr
Shemin, Richard J
Starnes, Vaughn A
Trento, Alfredo
Wells, Winfield J

Martinez

Guernsey, James M

Murrieta

Wakabayashi, Akio

Newport Beach

Ott, Richard A

Oakland

Harken, Alden H

Orange

Connolly, John E
Milliken, Jeffrey C

Pacific Palisades

Mulder, Donald G

Palm Desert

Fosburg, Richard G

Palos Verdes Estates

Stiles, Quentin R

Pasadena

Penido, John RF

Portola Valley

Fogarty, Thomas J

Rancho Palos Verdes

Mandal, Ashis K

Rancho Santa Fe

DeLaria, Giacomo A
Geha, Alexander S

Rolling Hills Estates

Lui, Alfred HF

Sacramento

Follette, David M
Harlan, Bradley J
Young, J. Nilas

San Diego

Dembitsky, Walter P
Devaney, Eric J
Lamberti, John J
Miller, Fletcher A
Moreno-Cabral, Ricardo J
Trummer, Max J

San Francisco

Cohen, Gordon A
Ellis, Robert J
Hill, J. Donald
Jablons, David M
Merrick, Scot H
Ratcliffe, Mark B
Tseng, Elaine E
Yee, Edward S

San Jose

Oakes, David D

San Marino

DeMeester, Tom R

Santa Ana

Gazzaniga, Alan B

Santa Barbara

Jahnke, Edward J
Love, Jack W

Santa Cruz

Fishman, Noel H

Santa Monica

Fonkalsrud, Eric W
Morton, Donald L
Robertson, John M

Sausalito

Zaroff, Lawrence I

Stanford

Burdon, Thomas A
Fann, James I
Hanley, Frank L
Mainwaring, Richard D
Mark, James BD
Miller, D. Craig
Mitchell, R. Scott
Oyer, Philip E
Reddy, V. Mohan
Reinhartz, Olaf
Reitz, Bruce A
Shrager, Joseph B

Tiburon

Heydorn, William H

Torrance

Carey, Joseph S
Moore, Thomas C
State, David

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Ventura

Brandt, Berkeley, III
Dart, Charles H, Jr

COLORADO

Aurora

Campbell, David N
Clarke, David R
Cleveland, Joseph C, Jr
Fullerton, David A
Grover, Frederick L
Jaggers, James
Mitchell, John D
Mitchell, Max B
Pomerantz, Marvin

Denver

Paton, Bruce C
Rainer, W. Gerald

Greenwood Village

Pappas, George

Highlands Ranch

Hardesty, Robert L

Parker

Olinger, Gordon N

Snowmass Village

McEnany, M. Terry
Mills, Lawrence J

Steamboat Springs

Greenberg, Jack J

CONNECTICUT

Bridgeport

Rose, Daniel M

Essex

Jaretzki, Alfred, III

Farmington

Lahey, Stephen J

Greenwich

Waters, Paul F

New Haven

Detterbeck, Frank C
Elefteriades, John A
Kirshbom, Paul M
Kopf, Gary S
Yuh, David D

North Haven

Hammond, Graeme L

Old Greenwich

Brodman, Richard F

Woodbridge

Stern, Harold

DELAWARE

Dover

Mannion, John D

Greenville

Norwood, William I

Newark

Banbury, Michael K
Gardner, Timothy J

Wilmington

Pizarro, Christian

DISTRICT OF COLUMBIA

Washington

Jonas, Richard A
Keshishian, John M
Marshall, M. Blair
Simmons, Robert L

FLORIDA

Alachua

Meldrum, Daniel R

Atlantic Beach

Stranahan, Allan

Aventura

Bregman, David

Bal Harbour

Grondin, Pierre R

Belleair

Lasley, Charles H

Boca Raton

Kiser, Joseph C
Litwin, S. Bert

Coconut Grove

Center, Sol

Delray Beach

Rosensweig, Jacob

Fernandina Beach

Malm, James R

Gainesville

Alexander, James A
Beaver, Thomas M

Jacksonville

Edwards, Fred H
Koster, J. Kenneth, Jr
Landolfo, Kevin P



Jupiter

Gerbasi, Francis S

Longboat Key

Lajos, Thomas Z

Miami Beach

Spear, Harold C

Miami

Harrison, Lynn H, Jr

Jude, James R

Kaiser, Gerard A

Kurlansky, Paul A

Montoya, Alvaro

Nguyen, Dao M

Pham, Si Mai

Reis, Robert L

Salerno, Tomas A

Subramanian, S

Thurer, Richard J

Naples

Gonzalez, Luis L

Linberg, Eugene J

Mason, G. Robert

Ocala

Chaux, Aurelio

Orlando

Accola, Kevin D

DeCampli, William M

Mavroudis, Constantine

Palm City

Timmis, Hilary H

Ponte Vedra Beach

Barnhorst, Donald A

Gilbert, Joseph, Jr

Saint Petersburg

Daicoff, George

Jacobs, Jeffrey P

Quintessenza, James A

Sanibel

Raffensperger, John

Tallahassee

Kraeft, Nelson H

Lambert, Cary J

Tampa

Angell, William W

Robinson, Lary A

GEORGIA

Atlanta

Chen, Edward P

Craver, Joseph M

Force, Seth D

Gott, John Parker

Guyton, Robert A

Hatcher, Charles R, Jr

Kanter, Kirk R

Kogon, Brian E

Lee, Arthur B, Jr

Mansour, Kamal A

Miller, Daniel L

Miller, Joseph I, Jr

Puskas, John D

Symbas, Panagiotis

Thourani, Vinod H

Vega, J. David

Vinten-Johansen, Jakob

Williams, Willis H

Chickamauga

Hall, David P

Dunwoody

Rivkin, Laurence M

Evans

Zumbro, G. Lionel, Jr

Kennesaw

Northrup, William F, III

Macon

Dalton, Martin L, Jr

Van De Water, Joseph M

Newnan

Mullen, Donald C

Savannah

Moncure, Ashby C

Yeh, Thomas J

Valdosta

Cochran, Richard P

HAWAII

Honolulu

Ching, Nathaniel P

Gebauer, Paul W

McNamara, J. Judson

Kailua

Young, William P

IDAHO

Boise

Herr, Rodney H

ILLINOIS

Burr Ridge

Blakeman, Bradford P

Chicago

Akhter, Shahab

Amato, Joseph J

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Backer, Carl L
Barker, Walter L
Breyer, Robert H
Campbell, Charles D
DeCamp, Malcolm M, Jr
Faber, L. Penfield
Ferguson, Mark K
Goldin, Marshall D
Jeevanandam, Valluvan
Kittle, C. Frederick
Liptay, Michael J
Massad, Malek G
McCarthy, Patrick M
Raman, Jaishankar
Replogle, Robert L
Tatooles, Constantine J
Vanecko, Robert M
Warren, William H
Zajtchuk, Rostik
Ziemer, Gerhard

Danville

Canver, Charles C

Elk Grove Village

Sullivan, Henry J

Evanston

Head, Louis R

Lake Forest

Weinberg, Milton, Jr

Northfield

Najafi, Hassan

Oak Lawn

Ilbawi, Michel N

Oak Park

Hartz, Renee S

Springfield

Hazelrigg, Stephen R

Western Springs

Thomas, Paul A, Jr

Willowbrook

Leininger, Bernard J

Winnetka

Fry, Willard A

INDIANA

Anderson

Scott, Henry E

Fort Wayne

Ladowski, Joseph S

Indianapolis

Brown, John W
Freeman, Richard K
Kesler, Kenneth A

King, Harold
King, Robert D
Mahomed, Yousuf
Mandelbaum, Isidore
Rodefeld, Mark D
Siderys, Harry
Turrentine, Mark W
Wolf, Randall K

Valparaiso

O'Neill, Martin J, Jr

IOWA

Cedar Rapids

Levett, James M

Council Bluffs

Sellers, Robert D

Des Moines

Zeff, Robert H

Iowa City

Behrendt, Douglas M
Iannettoni, Mark D
Richenbacher, Wayne E
Rossi, Nicholas P
Stanford, William

Urbandale

Phillips, Steven J

KANSAS

Kansas City

Reed, William A

Mission Hills

Ashcraft, Keith W

Overland Park

Killen, Duncan A

Prairie Village

Holder, Thomas M
Piehler, Jeffrey M

Shawnee Mission

Padula, Richard T

KENTUCKY

Lexington

Ferraris, Victor A
Todd, Edward P
Zwischenberger, Joseph B

Louisville

Austin, Erle H., III
Dowling, Robert D
Gray, Laman A, Jr
Slaughter, Mark S



LOUISIANA

Alexandria

Webb, Watts R

Baton Rouge

Berry, B. Eugene

Nathitoches

Bloodwell, Robert D

New Orleans

Blalock, John B
DeCamp, Paul T
DeLeon, Serafin Y
Hewitt, Robert L
Lindsey, Edward S
Ochsner, John L

Shreveport

Mancini, Mary C

MAINE

Cape Elizabeth

Bredenberg, Carl E

Portland

Morton, Jeremy R

Rome

Tarnay, Thomas J

Sedgwick

Siewers, Ralph D

MARYLAND

Baltimore

Attar, Safuh
Baker, R. Robinson
Battafarano, Richard J
Baumgartner, William A
Brock, Malcolm V
Cameron, Duke E
Cardarelli, Marcelo G
Conte, John V
Gammie, James S
Griffith, Bartley P
Haller, J. Alex, Jr
Katz, Nevin M
McLaughlin, Joseph S
Pierson, Richard N, III
Sanchez, Juan A
Shah, Ashish S
Vricella, Luca A
Watkins, Levi, Jr
Whitman, Glenn J
Yang, Stephen C

Bethesda

Horvath, Keith A
Schrump, David S

Glen Arm

Turney, Stephen Z

Lutherville Timonium

Brown, James M

Lutherville

Salomon, Neal W

Potomac

Midgley, Frank M

Reisterstown

Heitmiller, Richard F

MASSACHUSETTS

Amherst

Levine, Frederick H

Beverly

Maloney, William T

Boston

Agnihotri, Arvind K
Allan, James S
Aranki, Sary F
Austen, W. Gerald
Bolman, R. Morton, III
Bueno, Raphael
Chen, Frederick Y
Cohn, Lawrence H
Colson, Yolonda L
Couper, Gregory S
Daly, Benedict DT
del Nido, Pedro J
Fernando, Hiran C
Gaissert, Henning A
Jaklitsch, Michael T
Khabbaz, Kamal R
Lanuti, Michael
Lazar, Harold L
Levitsky, Sidney
Little, Virginia R
MacGillivray, Thomas E
Madsen, Joren C
Mathisen, Douglas J
Mayer, John E
Mentzer, Steven J
Pigula, Frank A
Sugarbaker, David J
Sundt, Thoralf M
Swanson, Scott J
Thurer, Robert L
Torchiana, David F
Vlahakes, Gus J
Wain, John C, Jr
Warner, Kenneth G
Whyte, Richard I
Wright, Cameron D
Zenati, Marco A

Brookline

Berger, Robert L
Neirotti, Rodolfo

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Cambridge

Malcolm, John A
Weintraub, Ronald M

Centerville

Lefemine, Armand A

Chestnut Hill

Bougas, James A

Concord

Litwak, Robert S
Norman, John C

Dover

Daggett, Willard M

Falmouth

McElvein, Richard B

Framingham

Bernhard, William F

Needham Heights

Akins, Cary W

North Andover

Cook, William A

Plymouth

Moran, John M

Salem

Vander Salm, Thomas J

Springfield

Engelman, Richard M
Rousou, John A

Sudbury

Shahian, David M

Waltham

Rosengard, Bruce R

West Hampton

Wukasch, Don C

West Roxbury

Barsamian, Ernest M

Williamstown

Wilkins, Earle W

Worcester

Conlan, A. Alan
Graeber, Geoffrey M
Okike, Okike N
Pontius, Robert G

MICHIGAN

Ann Arbor

Bartlett, Robert H
Bolling, Steven F
Bove, Edward L
Chang, Andrew C
Deeb, G. Michael

Gago, Otto

Haft, Jonathan W
Hirsch, Jennifer C
Neerken, A. John
Ohye, Richard G
Orringer, Mark B
Pagani, Francis D
Patel, Himanshu J
Prager, Richard L
Sloan, Herbert E

Detroit

Arbulu, Agustin
Baciewicz, Frank A, Jr
Delius, Ralph E
Stephenson, Larry W
Walters, Henry L, III
Wilson, Robert F

Grand Rapids

Harrison, Robert W
Khaghani, Asghar
Rasmussen, Richard A
Taber, Rodman E
Tomatis, Luis A

Grosse Pointe Farms

Javid, Hushang

Grosse Point

Silverman, Norman A

Jackson

Macha, Mahender

West Bloomfield

Arciniegas, Eduardo

MINNESOTA

Golden Valley

Gannon, Paul G

Hopkins

Garamella, Joseph J

Minneapolis

Andrade, Rafael S
Emery, Robert W
Foker, John E
Hopeman, Alan R
John, Ranjit
Kelly, Rosemary
Liao, Kenneth K
Maddaus, Michael A
Shumway, Sara J
Sun, Benjamin
Ward, Herbert B

Mounds View

Vassiliades, Thomas A, Jr

New Brighton

Molina, J. Ernesto

**Rochester**

Allen, Mark S
Burkhart, Harold M
Cassivi, Stephen D
Daly, Richard C
Danielson, Gordon K
Dearani, Joseph A
Deschamps, Claude
Joyce, Lyle D
Nichols, Francis C
Orszulak, Thomas A
Pairolero, Peter C
Park, Soon J
Pochettino, Alberto
Puga, Francisco J
Schaff, Hartzell V
Suri, Rakesh M

Stillwater

Kaye, Michael P

MISSISSIPPI

Carriere

Mills, Noel L

Carthage

Logan, William D, Jr

Jackson

Aru, Giorgio M
Johnston, J. Harvey, Jr
McMullan, Martin H
Tribble, Curtis G

Ocean Springs

Johnson, Robert G

MISSOURI

Columbia

Curtis, Jack J
Silver, Donald
Walls, Joseph T

Frontenac

Strevey, Tracy E, Jr

Glendale

Codd, John E

Kansas City

Allen, Keith B
Borkon, A. Michael
Hopkins, Richard A
Lofland, Gary K
Van Way, Charles W, III

St. Louis

Barner, Hendrick B
Bergmann, Martin
Connors, John P
Cox, James L

Crabtree, Traves D
Damiano, Ralph J, Jr
Eghtesady, Pirooz
Ferguson, Thomas B
Fiore, Andrew C
Gay, William A, Jr
Huddleston, Charles B
Kouchoukos, Nicholas T
Kreisel, Daniel
Krupnick, Alexander S
Lawton, Jennifer S
Lewis, J. Eugene, Jr
Manning, Peter B
Meyers, Bryan F
Moon, Marc R
Naunheim, Keith S
Pasque, Michael K
Patterson, Alec
Roper, Charles L
Sasser, William F

Webster Groves

Kaiser, George C

MONTANA

Columbia Falls

Myerowitz, P. David

Missoula

Duran, Carlos Gomez

NEBRASKA

Bennington

Fleming, William H

NEVADA

Henderson

Bolton, J.W. Randolph

Zephyr Cove

Kerth, William J

NEW HAMPSHIRE

Hanover

Plume, Stephen K

Lebanon

Nugent, William C

Lyme

Sanders, John H, Jr

Stratham

Gaensler, Edward A

NEW JERSEY

Alpine

Holswade, George R

Belleville

Gerard, Franklyn P

Browns Mills

McGrath, Lynn B

Cinnaminson

Camishion, Rudolph C

Fort Lee

Conklin, Edward F

Jersey City

Demos, Nicholas J

Moorestown

DelRossi, Anthony J

Morristown

Parr, Grant VS

Neptune

Krasna, Mark J
Roberts, Arthur J

New Brunswick

Mackenzie, James W
Scholz, Peter M

Newark

Donahoo, James
Parsonnet, Victor

Paramus

Korst, Robert J

Pittstown

Garzon, Antonio A

Pompton Plains

Adler, Richard H

South Orange

Gielchinsky, Isaac
Swan, Kenneth G

Tenafly

Ergin, M. Arisan
Gerst, Paul H
Wallsh, Eugene

NEW MEXICO

Albuquerque

Dietl, Charles A
Ricci, Marco
Wernly, Jorge A

Buena Vista

Thal, Alan P

Santa Fe

Davila, Julio C

NEW YORK

Akron

Hoover, Eddie L

Albany

Moores, Darroch W

Bronx

Attai, Lari A
DeRose, Joseph J, Jr
Ford, Joseph M
Goldstein, Daniel
Hirose, Teruo

Bronxville

Frater, Robert WM

Brooklyn

Acinapura, Anthony J
Sawyer, Philip N

Buffalo

Demmy, Todd L
Nwogu, Chukumere E
Yendamuri, Sai

Canandaigua

Craver, William L

Dewitt

Parker, Frederick B, Jr

East Amherst

Bhayana, Joginder N

East Quogue

McCormack, Patricia M

Garden City

Hines, George L

Germantown

Reed, George E

New York

Adams, David H
Altorki, Nasser K
Anagnostopoulos, CE
Anyanwu, Anelechi C
Argenziano, Michael
Bacha, Emile A
Bains, Manjit S
Boyd, Arthur D
Chen, Jonathan M
Culliford, Alfred T, III
D'Ovidio, Frank
DeAnda, Abe, Jr
Downey, Robert J
Filsoufi, Farzan
Flores, Raja M
Fontana, Gregory P
Galloway, Aubrey C, Jr



Girardi, Leonard N
Green, George E
Griep, Randall B
Grossi, Eugene A
Hochberg, Mark S
Isom, O. Wayne
King, Thomas C
Kirschner, Paul A
Krieger, Karl H
Lacour-Gayet, Francois G
Lee, Paul C
Michler, Robert E
Moggio, Richard A
Mosca, Ralph S
Naka, Yoshifumi
Oz, Mehmet C
Pass, Harvey I
Port, Jeffrey L
Quaegebeur, Jan Modest
Redo, S. Frank
Rose, Eric A
Rusch, Valerie W
Smith, Craig R
Sonett, Joshua R
Spencer, Frank C
Spotnitz, Henry M
Stewart, Allan S
Subramanian, Valavanur A
Tice, David A
Veith, Frank J
Wichern, Walter, Jr
Williams, Mathew R

Pelham

Adams, Peter X

Plattsburgh

Potter, Robert T

Rochester

DeWeese, James A
Hicks, George L, Jr
Schwartz, Seymour I
Stewart, Scott

Roslyn

Thomson, Norman B, Jr
Wisoff, George

Scarsdale

Aklog, Lishan

Stony Brook

Bilfinger, Thomas V

Syracuse

Kohman, Leslie J

Valhalla

Lansman, Steven L
Spielvogel, David

Voorheesville

Foster, Eric D

Williamsville

Andersen, Murray N

NORTH CAROLINA

Asheville

Hill, Ronald C
Kroncke, George M
Takaro, Timothy
Watson, Donald C

Chapel Hill

Bowman, Frederick, Jr
Egan, Thomas M
Feins, Richard H
Mill, Michael R
Oldham, H. Newland, Jr
Sink, James D
Starek, Peter J

Charlotte

Bridges, Charles R
Lobdell, Kevin W
Peeler, Benjamin B
Robicsek, Francis
Selle, Jay G

Durham

Anderson, Robert W
D'Amico, Thomas A
Davis, Robert D, Jr
Glower, Donald D
Harpole, David H, Jr
Hughes, G. Chad
Jaquiss, Robert D
Jones, Robert H
Lin, Shu S
Lowe, James E
Milano, Carmelo A
Onaitis, Mark
Smith, Peter K
Wolfe, Walter G

Greensboro

Van Trigt, Peter, III

Greenville

Chitwood, W. Randolph, Jr
Elbeery, Joseph R
Ferguson, T. Bruce, Jr
Kypson, Alan P

High Point

Mills, Stephen A

Southport

Murray, Gordon F

Winston-Salem

Hammon, John W, Jr
Hudspeth, Allen S
Kincaid, Edward H
Kon, Neal D
Meredith, Jesse H
Ungerleider, Ross M

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NORTH DAKOTA

Fargo

Dyke, Cornelius M

OHIO

Akron

Firstenberg, Michael S

Beachwood

Loop, Floyd D

Chagrin Falls

Ankeney, Jay L

Cincinnati

Albers, John E
Black, Harrison
Callard, George M
Flege, John B, Jr
Helmsworth, James A
Hiratzka, Loren F
Ivey, Tom D
Morales, David L
Smith, J. Michael
Wilson, James Miller
Wright, Creighton Bo

Cleveland

Blackstone, Eugene H
Cobanoglu, Adnan
Cosgrove, Delos M
Gillinov, A. Marc
Greenberg, Roy K
Linden, Philip A
Lytle, Bruce W
Mason, David P
McCurry, Kenneth R
Mihaljevic, Tomislav
Moazami, Nader
Murthy, Sudish C
Navia, Jose L
Pettersson, Gosta B
Rice, Thomas W
Roselli, Eric E
Sabik, Joseph F., III
Smedira, Nicholas G
Svensson, Lars G
Van Heeckeren, Daniel W

Columbus

Crestanello, Juan A
Davis, J. Terrance
Galantowicz, Mark E
Higgins, Robert SD
Kakos, Gerard S
Meckstroth, Charles
Moffatt-Bruce, Susan D
Ross, Patrick, Jr
Shinoka, Toshiharu
Williams, Thomas E, Jr

Dayton

DeWall, Richard A

Grove City

Kilman, James W

Lyndhurst

Duncan, Brian W
Kirby, Thomas J

Toledo

Gold, Jeffrey P

OKLAHOMA

Oklahoma City

Elkins, Ronald C
Fisher, R. Darryl
Zuhdi, M. Nazih

OREGON

Ashland

Campbell, Daniel C, Jr

Days Creek

Miller, Arthur C

Eugene

Turley, Kevin

Portland

Furnary, Anthony P
Handy, John R, Jr
Krause, Albert H
Lemmer, John H, Jr
Okies, J. Edward
Poppe, J. Karl
Song, Howard K
Starr, Albert

Sisters

Lupinetti, F. Mark

Springfield

Armitage, John Ma

PENNSYLVANIA

Berwyn

Edie, Richard N
McKeown, John J, Jr

Camp Hill

Pennock, John L

Carlisle

DeMuth, William E, Jr

Dallas

Cimochowski, George E



Hershey

Campbell, David B
Myers, John L
Pae, Walter E
Pierce, William S

Huntingdon Valley

Lemole, Gerald M

Johnstown

Kolff, Jacob

Lancaster

Bonchek, Lawrence I

Newtown Square

Jacobs, Marshall L

Philadelphia

Acker, Michael A
Bavaria, Joseph E
Bowles, L. Thompson
Cooper, Joel D
Diehl, James T
DiSesa, Verdi J, MBA
Edmunds, L. Henry, Jr
Friedberg, Joseph S
Gaynor, J. William
Gorman, Joseph H., III
Gorman, Robert C
Guerraty, Albert J
Hargrove, W. Clark, III
Hirose, Hitoshi
Kaiser, Larry R
MacVaugh, Horace
Samuels, Louis E
Scott, Walter J
Spray, Thomas L
Szeto, Wilson Y
Toyoda, Yoshiya
Wechsler, Andrew S
Woo, Y. Joseph

Pittsburgh

Badhwar, Vinay
Christie, Neil
Gleason, Thomas G
Keenan, Robert J
Kormos, Robert L
Landreneau, Rodney J
Luketich, James D
Magovern, George J, Jr
Magovern, George J
Morell, Victor
Pennathur, Arjun
Rams, James J
Schuchert, Matthew J

Sewickley

Clark, Richard E

Wynnwood

Goldman, Scott M

RHODE ISLAND

Providence

Moulton, Anthony L
Sellke, Frank W
Singh, Arun K

SOUTH CAROLINA

Charleston

Bradley, Scott M
Crawford, Fred A, Jr
Ikonomidis, John S
Kratz, John M
Rubin, Joseph W
Sade, Robert M

Columbia

Almond, Carl H
Spinale, Francis G

Hilton Head Island

Humphrey, Edward W

Hollywood

Bradham, R. Randolph

SOUTH DAKOTA

Rapid City

Oury, James H

TENNESSEE

Johnson City

Pennington, D. Glenn

Jonesborough

Bryant, Lester R

Knoxville

Blake, Hu AI
Brott, Walter H

Memphis

Garrett, H. Edward, Jr
Pate, James W
Shochat, Stephen J
Weiman, Darryl S

Nashville

Alford, William, Jr
Bender, Harvey W, Jr
Byrne, John G
Drinkwater, Davis C, Jr
Gobbel, Walter G, Jr
Merrill, Walter H
Nesbitt, Jonathan C
Putnam, Joe B, Jr
Randolph, Judson G
Rankin, J. Scott

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Rodriguez, Evelio
Sawyers, John L
Stoney, William S
Thomas, Clarence S, Jr

TEXAS

Austin

Tyson, Kenneth RT

Dallas

Adam, Maurice
DiMaio, J. Michael
Estrera, Aaron S
Forbess, Joseph
Holland, Robert H
Jessen, Michael E
Kernstine, Kemp H
Magee, Mitchell J
Mendeloff, Eric N
Meyer, Dan M
Platt, Melvin R
Ring, W. Steves

Dilley

Hood, Richard H, Jr

Eules

McPhail, Jasper L

Flower Mound

Boyd, Thomas F

Galveston

Conti, Vincent R

Houston

Bakaeen, Faisal G
Cohn, William E
Cooley, Denton A
Coselli, Joseph S
Estrera, Anthony L
Fraser, Charles D
Frazier, O. Howard
Gregoric, Igor D
Hallman, Grady L
Heinle, Jeffrey S
Henly, Walter S
Hofstetter, Wayne L
Lawrie, Gerald M
LeMaire, Scott A
Letsou, George V
Loebe, Matthias
Mattox, Kenneth L
Mehran, Reza J
Ott, David A
Overstreet, John W
Reardon, Michael J
Reul, George J, Jr
Rice, David C
Robbins, Robert C
Rosengart, Todd K
Roth, Jack A
Safi, Hazim J

Swisher, Stephen G
Vaporciyan, Ara A
Walsh, Garrett L

Lubbock

Baldwin, John C
Bricker, Donald L
Feola, Mario
Sutherland, R. Duncan

Montgomery

Jones, James W

Plano

Edgerton, James R
Mack, Michael J

Roaring Springs

Hood, R. Maurice

San Antonio

Calhoon, John H
Carpenter, Andrea J
Cohen, David J, MPA
Sako, Edward Y
Treasure, Robert L

Temple

Smythe, William R
Zehr, Kenton J

UTAH

Bountiful

Doty, Donald B

Park City

Hughes, Richard K

Salt Lake City

Bull, David A
Jones, Kent W
Karwande, Shreekanth V
McGough, Edwin C
Nelson, Russell M
Selzman, Craig H

VERMONT

Burlington

Leavitt, Bruce J
Schmoker, Joseph D

Hartland

Marrin, Charles AS

Post Mills

Snow, Norman J

Richford

Grondin, Claude M



VIRGINIA

Altavista

Pierucci, Louis, Jr

Arlington

Trachiotis, Gregory D

Charlottesville

Ailawadi, Gorav
Crosby, Ivan K
Daniel, Thomas M
Gott, Vincent L
Jones, David R
Kern, John A
Kozower, Benjamin D
Kron, Irving L
Lau, Christine L
Mentzer, Robert M, Jr
Nolan, Stanton P
Spotnitz, William D
Wellons, Harry A, Jr

Delaplane

Speir, Alan M

Falls Church

Ad, Niv
Burton, Nelson A

McLean

Conrad, Peter W
Lefrak, Edward A
Pecora, David V
Wallace, Robert B

Norfolk

Baker, Lenox D
Rich, Jeffrey B

Springfield

Mills, Mitchell

WASHINGTON

Issaquah

Gentsch, Thomas O

Mercer Island

Li, Wei-i
Manhas, Dev R

Seattle

Aldea, Gabriel S
Allen, Margaret D
Mansfield, Peter B
McMullan, David M
Mulligan, Michael S
Nelson, Ronald J
Sauvage, Lester R
Thomas, George I
Verrier, Edward D
Wood, Douglas E

Snoqualmie

Miller, Donald W, Jr

Spokane

Berg, Ralph, Jr

WEST VIRGINIA

Morgantown

Gustafson, Robert A

WISCONSIN

Brookfield

Johnson, W. Dudley

Madison

Chopra, Paramjeet S
Weigel, Tracey L

Marshfield

Myers, William O

Milwaukee

Almassi, Hossein
Haasler, George B
Love, Robert B
Tector, Alfred J
Tweddell, James S

WYOMING

Shell

Scott, Meredith L

CANADA

ALBERTA

Calgary

Fedak, Paul W

Edmonton

Koshal, Arvind
Ross, David B

BRITISH COLUMBIA

Vancouver

Gandhi, Sanjiv K
Jamieson, W. R. Eric
Tyers, G. Frank O

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Victoria

Gelfand, Elliot T
Stenstrom, John D

West Vancouver

Finley, Richard J

Edmonton

Rebeyka, Ivan M

MANITOBA

Winnipeg

Arora, Rakesh C
Barwinsky, Jaroslaw
Freed, Darren H
Menkis, Alan H
Unruh, Helmut W

NOVA SCOTIA

Halifax

Hirsch, Gregory M
Legare, Jean-Francois

Ketch Harbour

Johnston, Michael R

Kingsburg

Murphy, David A

ONTARIO

Almonte

Todd, Thomas RJ

Collingwood

Heimbecker, Raymond

Dunrubin

Keon, Wilbert J

London

Guiraudon, Gerard M
McKenzie, F. Neil
Novick, Richard J

Mansfield

Pearson, F. Griffith

Oakville

Allen, Peter

Ottawa

Hendry, Paul J
Mesana, Thierry G
Ruel, Marc, MPH
Sundaresan, R. Sudhir

Sebright

Trimble, Alan S

Toronto

Baird, Ronald J
Caldarone, Christopher A
Christakis, George T
Coles, John G
Darling, Gail E
David, Tirone E
De Perrot, Marc
Feindel, Christopher M
Fremes, Stephen E
Goldberg, Melvyn
Goldman, Bernard S
Keshavjee, Shaf
McKneally, Martin F
Rao, Vivek
Scully, Hugh E
Trusler, George A
Van Arsdell, Glen
Waddell, Thomas K
Weisel, Richard D
Williams, William G
Yasufuku, Kazuhiro
Yau, Terrence M

Waubashene

Mickleborough, Lynda L

QUEBEC

Montreal

Blundell, Peter E
Carrier, Michel
Chartrand, Claude CC
Chiu, Chu-Jeng (Ray)
Dobell, Anthony RC
Duranceau, Andre CH
Ferraro, Pasquale
Morin, Jean E
Mulder, David S
Pelletier, L. Conrad
Perrault, Louis P
Shum-Tim, Dominique
Tchervenkov, Christo I

Quebec City

Deslauriers, Jean

Rosemere

Cossette, Robert

Verdun

MacLean, Lloyd D

SASKATCHEWAN

Saskatoon

Casson, Alan G



OTHER COUNTRIES

ARGENTINA

Buenos Aires

Favaloro, Roberto R
Kreutzer, Guillermo O
Navia, Daniel O
Schlichter, Andres J

El Palomar, Provinci

Kreutzer, Christian

AUSTRALIA

Melbourne

Konstantinov, Igor E

Parkville

d'Udekem, Yves

QUEENSLAND

Main Beach

O'Brien, Mark F

South Brisbane

Karl, Tom R

SOUTH AUSTRALIA

Nurioopta

Aberg, Torkel H

TASMANIA

St. Helens

Buxton, Brian F

VICTORIA

Parkville

Tatoulis, James

Williams Town

Mee, Roger B

AUSTRIA

Salzburg

Unger, Felix H

Thumersbach

Bruecke, Peter E

Vienna

Klepetko, Walter
Laufer, Guenther
Mueller, Michael R
Wolner, Ernst

BARBADOS

St. James

Khonsari, Siavosh
Sintek, Colleen F

BELGIUM

Aalst

Casselman, Filip P
Vanermen, Hugo KI

Antwerp

Van Schil, Paul E

Brussels

El Khoury, Gebrine
Poncelet, Alain J

Genk

Dion, Robert A

Leuven

Daenen, Willem J
De Leyn, Paul
Flameng, Willem J
Lerut, Antoon EMR
Sergeant, Paul T
Van Raemdonck, Dirk E

BRAZIL

Campinas

Petrucci, Orlando

Recife

Lima, Ricardo C

Rio de Janeiro

Meier, Milton A

S.J. RioPreto

Braile, Domingo M

Sao Paulo

Da Silva, Jose Pedro
Jatene, Adib D
Oliveira, Sergio A

CHILE

Santiago

Zalaquett, Ricardo A

CHINA

Beijing

Chen, Ke-Neng
Gao, Changqing
Hu, Shengshou
Wu, Qingyu

Shanghai

Chen, Haiquan S
Liu, Jinfen

Tianjin

He, Guo-Wei
Liu, Xiao-Cheng

FINLAND

Grankulla

Mattila, Severi P

Helsinki

Harjula, Ari LJ

Tampere

Mennander, Ari A

FRANCE

Bordeaux-Pessac

Roques, Xavier F

Bordeaux

Fontan, Francis M

Le Plessis Robinson

Darteville, Philippe G
Fadel, Elie
Planche, Claude
Serraf, Alain

Lyon

Jegaden, Olivier L
Obadia, Jean-Francois Le

Marseille

Metras, Dominique R
Thomas, Pascal A

Montpellier

Thevenet, Andre A

Paris

Binet, Jean-Paul
Blondeau, Philip
Cabrol, Christian E A
Carpentier, Alain F
Chachques, Juan C
Chauvaud, Sylvain M
Grunenwald, Dominique H
Loisance, Daniel Y
Menasche, Philippe
Piwnica, Armand H
Vouhe, Pascal R

Pessac

Baudet, Eugene M
Couraud, Louis

Strasbourg

Massard, Gilbert

Suresnes

Chapelier, Alain R

GERMANY

Aachen

Messmer, Bruno J

Bad Nauheim

Walther, Thomas

Berlin

Alexi-Meskishvili, Vladimir
Hetzer, Roland
Leschber, Gunda

Cologne

Wahlers, Thorsten C

Duisburg

Koerfer, Reiner

Dusseldorf

Daebritz, Sabine H

Essen

Jakob, Heinz G

Freiburg

Beyersdorf, Friedhelm

Hamburg

Reichenspurner, Hermann

Hannover

Haverich, Axel
Shrestha, Malakh L

Homburg/Saar

Schaefer, Hans-Joachim

Leipzig

Borger, Michael A
Mohr, Friedrich W

Loiching

Sebening, Fritz

Lubeck

Sievers, Hans-Hinrich

Muenster

Malec, Edward J

Munich

Borst, Hans G
Lange, Rudiger S
Schreiber, Christian

Neuss

Bircks, Wolfgang H



GREECE

Athens

Palatianos, George M
Sarris, George E

GUATEMALA

Espada, J. Rafael

Guatemala City

Castaneda, Aldo R
Herrera-Llerandi, Rodolfo

HONG KONG

Hong Kong

Yim, Anthony P

Shatin, NT

Wan, Song

INDIA

Delhi

SampathKumar, A., M.Ch

Mogappair, Chennai

Cherian, K. Mammen

New Delhi

Iyer, Krishna S

ISRAEL

Haifa

Best, Lael Anson

Jerusalem

Shapira, Oz M

Tel-Hashomer

Raanani, Ehud, Prof

ITALY

Ancona

Brunelli, Alessandro

Bergamo

Parenzan, Lucio

Bologna

Mattioli, Sandro

Brescia

Muneretto, Claudio

Milan

Alfieri, Ottavio R

Peracchia, Alberto
Roviaro, Giancarlo

Naples

Cotrufo, Maurizio
Rocco, Gaetano

Padova

Gerosa, Gino
Stellin, Giovanni

Pisa

Bortolotti, Uberto
Melfi, Franca MA

Rome

De Paulis, Ruggero
Pompeo, Eugenio
Rendina, Erino Angelo
Venuta, Federico

San Donato Milanese

Frigiola, Alessandro
Menicanti, Lorenzo A

Udine

Livi, Ugolino

Verona

Faggian, Giuseppe G

JAPAN

Fukuoka

Yasui, Hisataka

Hayama

Isomura, Tadashi

Japan

Okada, Morihito

Kanazawa

Iwa, Takashi

Kitakyushushi

Miyamoto, Alfonso T

Kobe

Matsuda, Hikaru
Okita, Yutaka

Kyoto

Date, Hiroshi
Wada, Hiromi

Minoo City

Kawashima, Yasunaru

Nagoya, Aichi

Komeda, Masashi

Nasushiobara

Bando, Ko

Okayama

Sano, Shunji
Miyoshi, Shinichiro

Osaka

Kitamura, Soichiro
Kobayashi, Junjiro

Sapporo

Abe, Tomio
Kazui, Teruhisa

Sendai

Fujimura, Shigefumi
Mohri, Hitoshi
Tabayashi, Koichi

Suita, Osaka

Yagihara, Toshikatsu

Tenri

Ueda, Yuichi

Tokyo

Amano, Atsushi
Imai, Yasuharu
Koyanagi, Hitoshi
Kurosawa, Hiromi
Motomura, Noboru
Nitta, Takashi
Ogino, Hitoshi
Suma, Hisayoshi
Takamoto, Shinichi
Takanashi, Shuichiro
Yozu, Ryohei

Tsu

Shimpo, Hideto

KOREA**Seoul**

Chang, Byung-Chul
Cho, Bum-Koo
Kim, Ki-Bong
Lee, Jae Won

LEBANON**Beirut**

Jebara, Victor A

MONACO**Monaco Cedex**

Dor, Vincent, Prof

Monte Carlo Cedex

Dreyfus, Gilles D

NETHERLANDS**Amerongen**

Jansen, Erik WL

Amsterdam

Brutel De La Riviere, Aart

Rotterdam

Kappetein, A. Pieter

NORWAY**Bergen**

Haaverstad, Rune

Oslo

Lindberg, Harald L

POLAND**Krakow**

Kuzdzal, Jaroslaw, FETC

Szczecin

Grodzki, Tomasz

Warsaw

Maruszewski, Bohdan J

Zabrze

Zembala, Marian

Zakopane

Zielinski, Marcin

PORTUGAL**Coimbra**

Antunes, Manuel J

Leca Da Palmeira

Gomes, Mario N

ROMANIA**Targu-Mures**

Deac, Radu C

RUSSIA**Moscow**

Bockeria, Leo A
Dzemeshevich, Sergey L

SAUDI ARABIA**Riyadh**

Al-Halees, Zohair Y
Calafiore, Antonio M
Corno, Antonio F
Di Donato, Roberto M
Najm, Hani K



SINGAPORE

Singapore

Lee, Chuen-Neng

SOUTH AFRICA

Durban

Kleinloog, Robert

SPAIN

Barcelona

Aris, Alejandro
Mestres, Carlos A
Molins, Laureano
Murtra, Marcos
Pomar, Jose L

Madrid

Comas, Juan V
Rivera, Ramiro
Rufilanchas Sanchez, Juan J

Salamanca

Varela, Gonzalo

Santander

Revuelta, Jose Manuel, Prof

Valencia

Martinez-Leon, Juan
Otero Coto, Eduardo

SWEDEN

Stockholm

Lindblom, Dan
Macchiarini, Paolo

SWITZERLAND

Berne

Carrel, Thierry-Pierre
Schmid, Ralph A

Bottmingen

Hasse, Joachim TW

Geneva

Kalangos, Afksendiyos

Lausanne

vonSegesser, Ludwig K

Pully

Naef, Andreas P

Zurich

Falk, Volkmar

Pretre, Rene
Turina, Marko I
Weder, Walter

SYRIA

Damascus

Kabbani, Sami S

TAIWAN

Taipei

Wei, Jeng, MSD

TURKEY

Istanbul

Cicek, Sertac

UNITED ARAB EMIRATES

Abu Dhabi

Bachet, Jean E

UNITED KINGDOM

Bearsden Glasgow

Wheatley, David J

Bristol

Angelini, Gianni D
Ascione, Raimondo

Cambridge

Wallwork, John
Wells, Francis C

Devon

Goldstraw, Peter

Harefield, Middlesex

Yacoub, Magdi

Herts

Lennox, Stuart C

London

Braimbridge, Mark V
de Leval, Marc R
Elliott, Martin J
Jahangiri, Marjan
Keogh, Bruce E
Lincoln, Christopher R
McGregor, Christopher GA
Pepper, John R
Ross, Donald N
Stark, Jaroslav F
Taylor, Kenneth M
Tsang, Victor T

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Newcastle upon Tyne

Dark, John H
Schueler, Stephan W

Oxford

McCord, Colin W
Taggart, David P
Westaby, Stephen

Somerton

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Peter Pairolero, MD
Grant V. S. Parr, MD
Patricia A. Penkoske, MD
D. Glann Pennington, MD
Dr. & Mrs. Gosta B. Pettersson
Dr. & Mrs. Richard N. Pierson, III
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Marvin Pomerantz, MD
Richard L. Prager, MD
Pratt Surgical Associates, Inc.
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Joseph B. Putnam, Jr., MD
Ronald Quinton, MD
Michael J. Reardon, MD
Carolyn E. Reed, MD
Stancel M. Riley, Jr., MD
W. Steves Ring, MD
Eric A. Rose, MD
Jack Roth, MD
Valerie Rusch, MD
Robert M. Sade, MD
Frank W. Sellke, MD
Francis L. Shannon, MD
Baljit K. Sharma, MD
Richard J. Shemin, MD
Dr. & Mrs. Peter M. Sidell

Mark Slaughter, MD
Herbert E. Sloan, MD
Craig R. Smith, MD
Frank C. Spencer, MD
Thomas L. Spray, MD
Quentin R. Stiles, MD
Valavanur A. Subramanian, MD
David J. Sugarbaker, MD
Thoralf M. Sundt, MD
Francis P. Sutter, MD
James Symes, MD
Stanley K. C. Tam, MD
Christo I. Tchernvenkov, MD
Thoracic & Cardiovascular
Surgery
at University of Virginia
David Torchiana, MD
Gregory D. Trachiotis, MD
Alfredo Trento, MD
Bernard L. Tucker, MD
Donald A. Turney, MBA
James Tweddell, MD
U.S.C. Cardiothoracic Surgeons
University of Iowa Hospitals &
Clinics
Vascutek, Ltd., a Terumo
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John Waldhausen, MD
Jennifer D. Walker, MD
William Wallace
Henry L. Walters, III, MD
Andrew S. Wechsler, MD
Benson R. Wilcox, MD
Douglas E. Wood, MD
Women in Thoracic Surgery
(WTS)
George L. Zorn, Jr., MD

93RD ANNUAL MEETING
MAY 4–MAY 8, 2013 | MINNEAPOLIS, MN

AATS CME MEETINGS AND EDUCATIONAL ACTIVITIES

2013 MEETINGS AND PROGRAMS

AATS/ESTS Postgraduate Symposium on General Thoracic Surgery

May 26–29, 2013

The International Convention Centre Broad Street,
Birmingham, UK

Masters of Minimally Invasive Thoracic Surgery

September 19–21, 2013

Waldorf Astoria Orlando
Orlando, FL USA

AATS/ACC 2013 Heart Valve Summit

September 26–28, 2013

Marriott Magnificent Mile
Chicago, IL USA

Cardiovascular-Thoracic (CVT) Critical Care 2013

October 10–12, 2013

Omni Shoreham Hotel
Washington, DC USA

AATS Focus on Thoracic Surgery: Esophageal Disease

November 15–16, 2013

Boston Marriott Copley Place
Boston, MA USA



FUTURE AATS ANNUAL MEETINGS

AATS 94th Annual Meeting

April 26–30, 2014
Metro Toronto Convention Centre
Toronto, ON, Canada

AATS 95th Annual Meeting

April 25–29, 2015
Washington State Convention and Trade Center
Seattle, WA, USA

AATS 96th Annual Meeting

May 14–18, 2016
Baltimore Convention Center
Baltimore, MD, USA

AATS 97th Annual Meeting

April 29 – May 3, 2017
Hynes Convention Center
Boston, MA, USA

AATS 98th Annual Meeting

April 28- May 2, 2018
San Diego Convention Center
San Diego, CA, USA



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1 PAGE 2014 AATS ANNUAL MEETING AD





